



LED Licht



LED RECESSED WALL LIGHT



Asymmetrical Recessed LED Stair & Wall Light

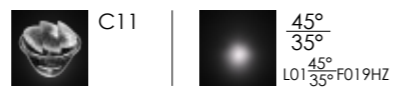
Front cover is made by Hard chrome-plated stainless steel 316L#



LED COLOUR TEMPERATURE

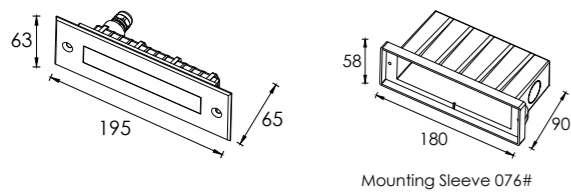
2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



Mounting Sleeve 076#

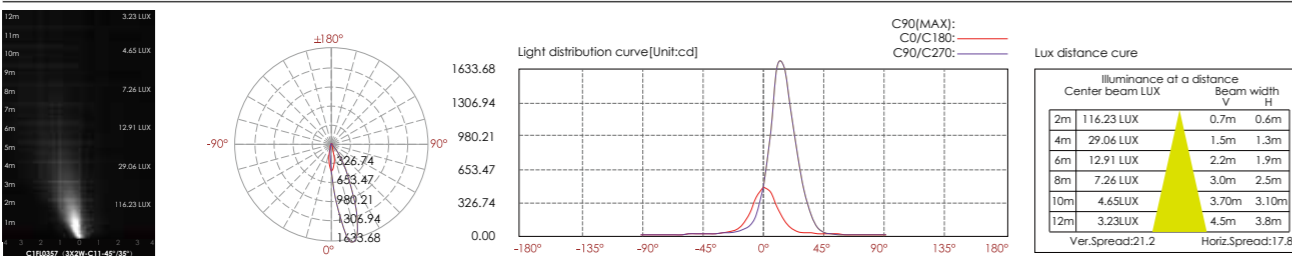
MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting grey powder coated aluminum T=60-80um Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	Step tempered glass.T=8mm
CABLE GLAND	IP68 PG-9 PA66
GASKET	Tooling shaped seal
LED DRIVER	Constant Voltage Input,Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm2 L=0.5m (low voltage) H05RN-F 3X1.0mm2 L=0.5m (high voltage)
MOUNTING SLEEVE	ABS 076#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

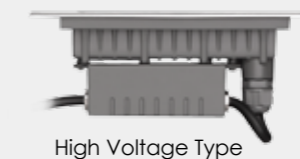
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(mA)	CONSUMPTION(W)	LUMINANCE(lm)	IK
C1FL0357	3×2W OSRAM	C11	45° 35°	24V DC 120/240	24V = 200 120V = 47 240V = 25	24V = 5.7 120V = 6.2 240V = 5.7	Cool White = 400 Warm White = 285	08

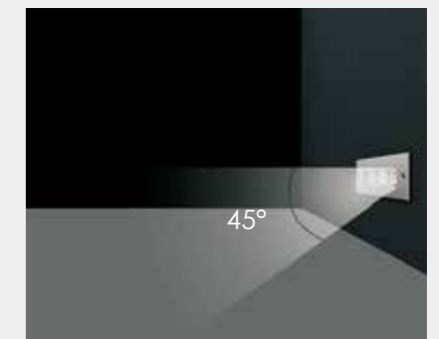
PHOTOMETRIC CURVES



MOUNTING SLEEVE CHARACTERISTIC



High Voltage Type



Impression Drawing of Lens

- The right picture – the supporting plate "A" is used for preventing deformation of the sleeve during the construction installation process.
- Please remove the supporting plate "A" from the mounting sleeve before the lamp installation.

Recessed LED Stair Light & Wall Light



LED COLOUR TEMPERATURE

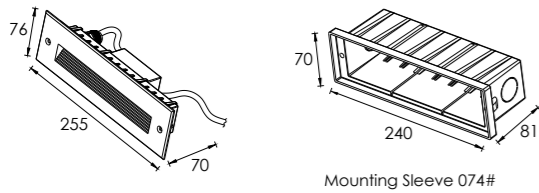
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



MATERIAL SPECIFICATIONS

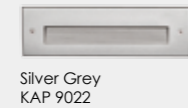
HOUSING	12# Die-casting grey powder coated aluminum T=60-80um Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	PC T=3mm
CABLE GLAND	IP68 PG-9 PA66
GASKET	Molding shaped silicone seal
LED DRIVER	Constant Voltage Input, Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm ² L=0.5m (low voltage) H05RN-F 3X1.0mm ² L=0.5m (high voltage)
MOUNTING SLEEVE	ABS 074#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

FRONT COVER COLOR

Basic



Secondary



MOUNTING SLEEVE CHARACTERISTIC

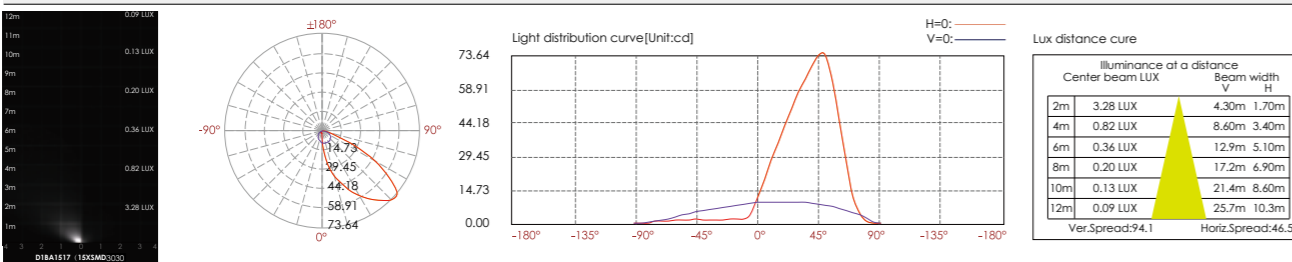


•The above picture – the supporting plate "A1" and "A2" are used for preventing deformation of the sleeve during the construction installation process.
•Please remove the supporting plate "A1" and "A2" from the mounting sleeve before the lamp installation.

TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D1BA1517	15×SMD3030	24V DC 120/240	24V = 200 120V = 90 240V = 52	24V = 4.8 120V = 6.4 240V = 6.5	Cool White = 99 Warm White = 92	10

PHOTOMETRIC CURVES



Recessed LED Stair Light & Wall Light



LED COLOUR TEMPERATURE

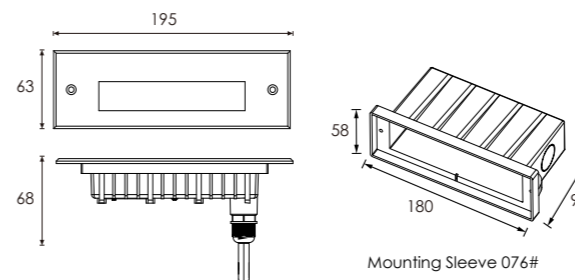
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm

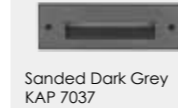


MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting grey powder coated aluminum T=60-80um Adhesion of ISO class 1/ASTM class 4B
FRONT COVER	12# Die-casting aluminum
LIGHT WINDOW	PC T=4mm
CABLE GLAND	IP68 PG-9 PA66
GASKET	Molding shaped silicone seal
LED DRIVER	Constant Voltage Input, Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm ² L=0.5m (low voltage) H05RN-F 3X1.0mm ² L=0.5m (high voltage)
MOUNTING SLEEVE	ABS 076#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

FRONT COVER COLOR

Basic



Secondary



MOUNTING SLEEVE CHARACTERISTIC

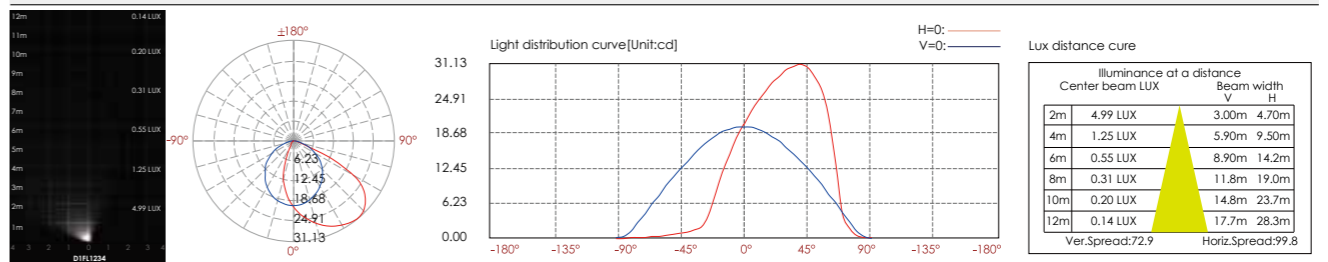


•The above picture – the supporting plate "A" is used for preventing deformation of the sleeve during the construction installation process.
•Please remove the supporting plate "A" from the mounting sleeve before the lamp installation.

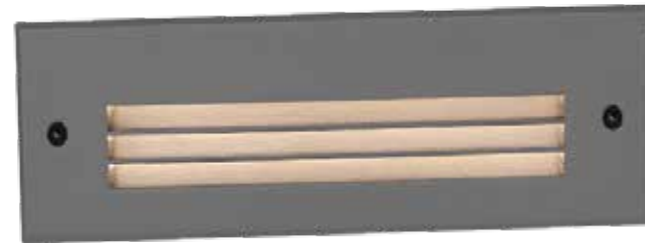
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D1FL1234	12X0.2	N/A	120°	24V DC 120/240	24V = 52 120V = 29 240V = 20	24V = 1.24 120V = 1.7 240V = 2	Cool White = 58 Warm White = 55.5	10

PHOTOMETRIC CURVES



Recessed LED Stair Light & Wall Light



LED COLOUR TEMPERATURE

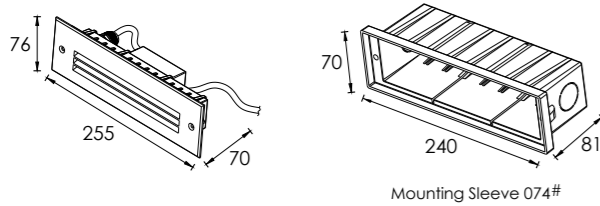
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



MATERIAL SPECIFICATIONS

HOUSING & FRONT COVER	12# Die-casting grey powder coated aluminum T=60-80um Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	PC T=3mm
CABLE GLAND	IP68 PG-9 PA66
GASKET	Molding shaped silicone seal
LED DRIVER	Constant Voltage Input, Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm2 L=0.5m (low voltage) H05RN-F 3X1.0mm2 L=0.5m (high voltage)
MOUNTING SLEEVE	ABS 074#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

FRONT COVER COLOR

Basic

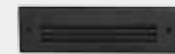


Sanded Dark Grey
KAP 7037

Secondary



Silver Resistant Point
RAL 9006



Sanded Black
RAL9005

MOUNTING SLEEVE CHARACTERISTIC

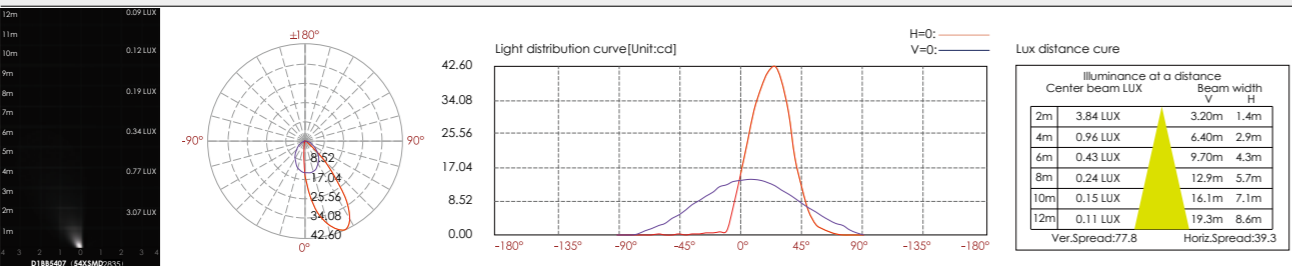


The above picture – the supporting plate "A1" and "A2" are used for preventing deformation of the sleeve during the construction installation process.
Please remove the supporting plate "A1" and "A2" from the mounting sleeve before the lamp installation.

TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D1BB5407	54×SMD2835	24V DC 120/240	24V = 220 120V = 95 240V = 53	24V = 5.3 120V = 6.4 240V = 6.8	Cool White = 47 Warm White = 44	09

PHOTOMETRIC CURVES



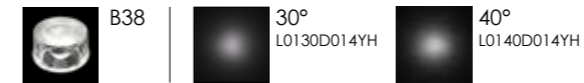
Recessed LED Stair Light & Wall Light



LED COLOUR TEMPERATURE

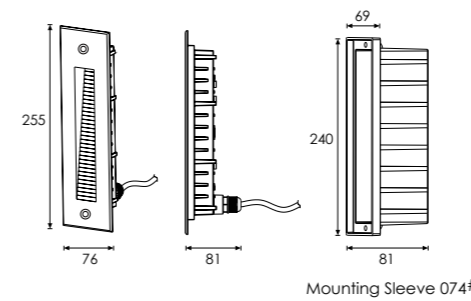
2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting grey powder coated aluminum T=60-80um Adhesion of ISO class 1/ASTM class 4B
FRONT COVER	12# Die-casting aluminum
LIGHT WINDOW	Tempered glass T=2mm
CABLE GLAND	IP68 PG-9 PA66
GASKET	Molding shaped silicone seal
LED DRIVER	Constant Voltage Input, Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm2 L=0.5m (low voltage) H05RN-F 3X1.0mm2 L=0.5m (high voltage)
MOUNTING SLEEVE	ABS 074#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

FRONT COVER COLOR

Basic



Sanded Dark Grey
KAP 7037

Secondary



Silver Grey
KAP 9022



Sanded Black
RAL9005

MOUNTING SLEEVE CHARACTERISTIC

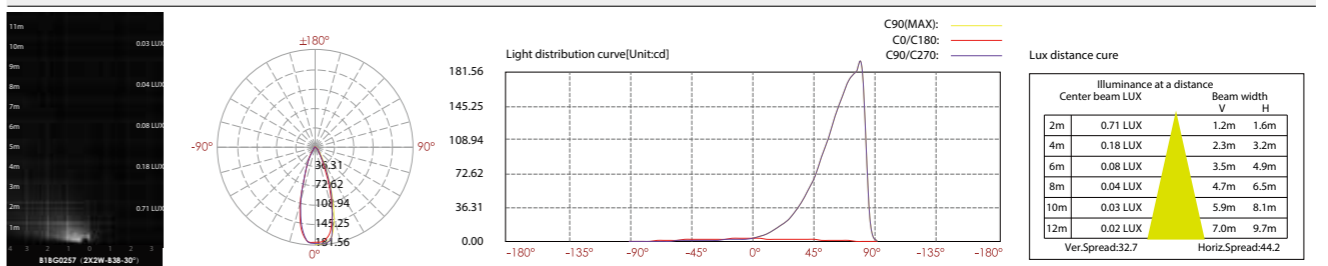


The above picture – the supporting plate "A1" and "A2" are used for preventing deformation of the sleeve during the construction installation process.
Please remove the supporting plate "A1" and "A2" from the mounting sleeve before the lamp installation.

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B1BG0257	2×1.5W	B38	30°	24V DC 120/240	24V = 150 120V = 36 240V = 22	24V = 3.6 120V = 3.8 240V = 3.8	Cool White = 106 Warm White = 94	10

PHOTOMETRIC CURVES



Recessed LED Stair Light & Wall Light



LED COLOUR TEMPERATURE

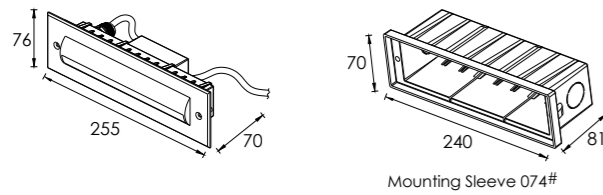
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



Mounting Sleeve 074#

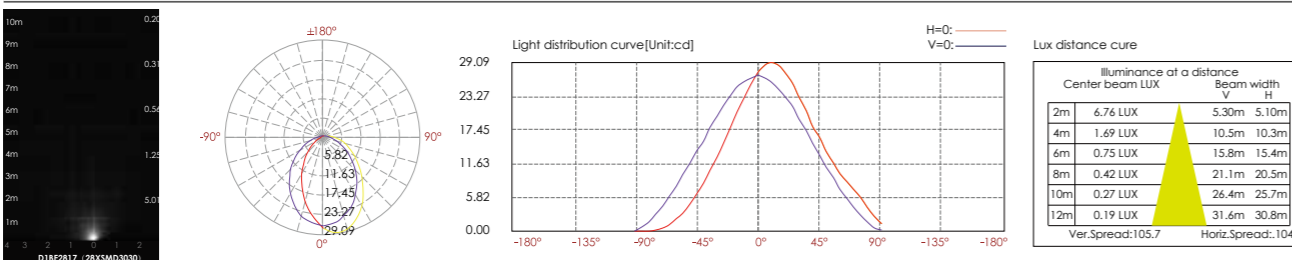
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum
T=60-80um Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | 12# Die-casting aluminum
- LIGHT WINDOW** | PC T=3mm
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Molding Shaped silicone seal
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.5m (low voltage)
H05RN-F 3X1.0mm2 L=0.5m (high voltage)
- MOUNTING SLEEVE** | ABS 074#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D1BE2817	28×SMD3030	24V DC 120/240	24V = 210 120V = 92 240V = 53	24V = 5 120V = 6.5 240V = 6.4	Cool White = 82 Warm White = 65	09

PHOTOMETRIC CURVES



FRONT COVER COLOR

Basic



Sanded Dark Grey
KAP 7037

Secondary



Silver Resistant Paint
RAL 9006



Sanded Black
RAL9005

MOUNTING SLEEVE CHARACTERISTIC



Low Voltage Type



High Voltage Type

- The above picture – the supporting plate “A1” and “A2” are used for preventing deformation of the sleeve during the construction installation process.
- Please remove the supporting plate “A1” and “A2” from the mounting sleeve before the lamp installation.

Recessed LED Stair Light & Wall Light

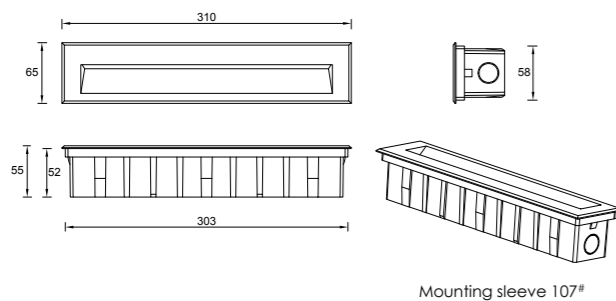


LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



Mounting sleeve 107#

OPTICS

N/A

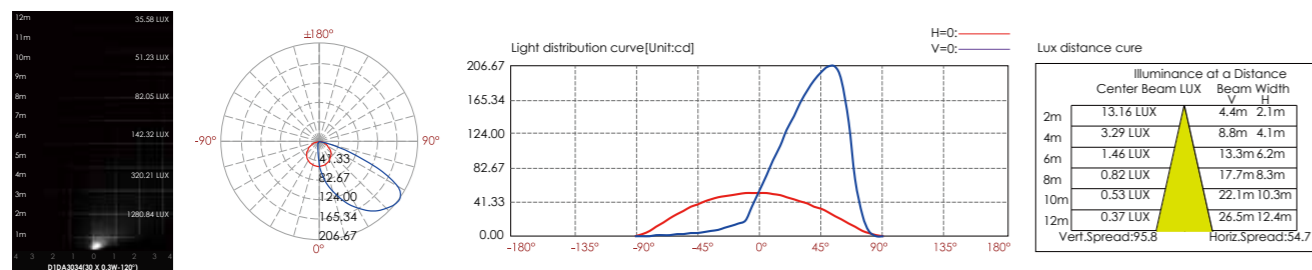
MATERIAL SPECIFICATIONS

Housing & Front cover	12# Die-casting grey powder coated aluminum T=60-80um Adhesion of ISO class 1/ASTM class 4B
Light Window	Glass T=1.8mm
Cable gland	IP67 copper and nicked coated
Gasket	Molding shaped silicone seal
LED Driver	Constant Voltage Input, Constant Current Output
Operating temperature	-20°C~40°C
Power Cable	H05RN-F 2X1.0mm ² L=0.5m (low voltage) H05RN-F 3X1.0mm ² L=0.5m (high voltage)
Mounting sleeve	ABS 107#
Dimmable Support	Triac PWM 1-10V Dali

TECHNICAL DATA

Item	Light source	The manufacturer selected lens degree(°)θ1/2	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
D1DA3034	30×0.3W	120°	24VDC 240V	24V = 380 240V = 44	24V = 9.1 240V = 10	Cool white =330 Warm white =292	10

PHOTOMETRIC CURVES



Front Cover Color Option

Basic	Sanded Dark Grey KAP 7037	
Secondary	Silver Grey KAP 9022	
	Sanded Black RAL9005	

Mounting sleeve characteristic



- The above picture – the supporting plate "A1" and "A2" are used for preventing deformation of the sleeve during the construction installation process.
- Please remove the supporting plate "A1" and "A2" from the mounting sleeve before the lamp installation.

Recessed LED Stair Light & Wall Light

Stainless Steel Front Cover



LED COLOUR TEMPERATURE

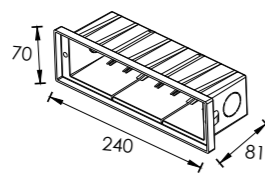
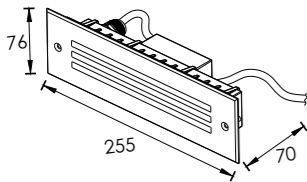
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



ABS Mounting Sleeve 074#

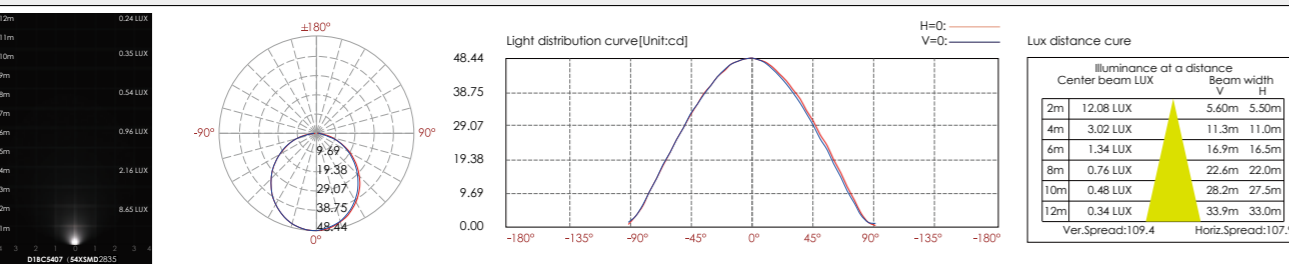
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum
T=60-80um Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chromeplated Stainless steel 316#
- LIGHT WINDOW** | PC T=3mm
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Molding shaped silicone seal
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.5m (low voltage)
H05RN-F 3X1.0mm² L=0.5m (high voltage)
- MOUNTING SLEEVE** | ABS 074#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D1BC5407	54×SMD2835	24V DC 120/240	24V = 220 120V = 95 240V = 62	24V = 5.3 120V = 6.7 240V = 6.8	Cool White = 107 Warm White = 90	10

PHOTOMETRIC CURVES



MOUNTING SLEEVE CHARACTERISTIC



- The above picture – the supporting plate "A1" and "A2" are used for preventing deformation of the sleeve during the construction installation process.
- Please remove the supporting plate "A1" and "A2" from the mounting sleeve before the lamp installation.

Diffused Beam Recessed LED Stair Light & Wall Light

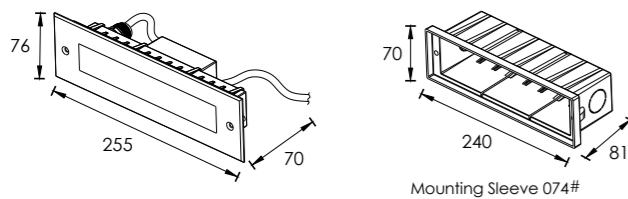
Stainless Steel Front Cover



LED COLOUR TEMPERATURE
2000K · 3000K · 6000K

OPTICS
N/A

OUTER DIMENSIONS & ACCESSORIES Unit:mm



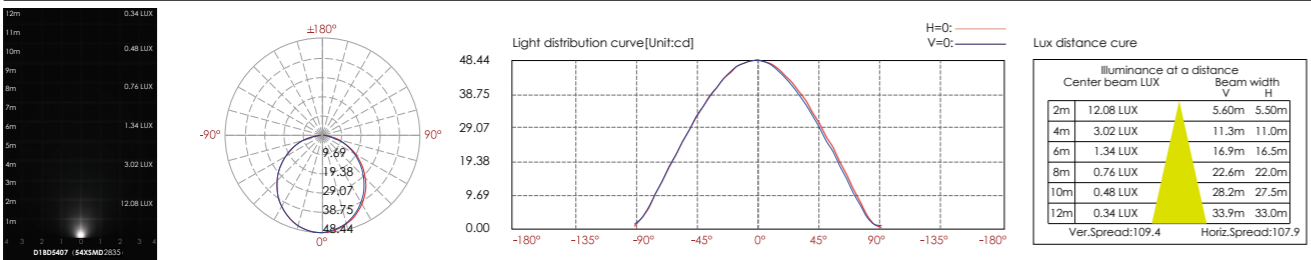
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum
| T=60-80um Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chrome-plated Stainless steel 316L#
- LIGHT WINDOW** | PC T=3mm
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Molding shaped silicone seal
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.5m (low voltage)
| H05RN-F 3X1.0mm2 L=0.5m (high voltage)
- MOUNTING SLEEVE** | ABS 074#
- DIMMABLE SUPPORT** | Triac · PWM 1-10V · Dali

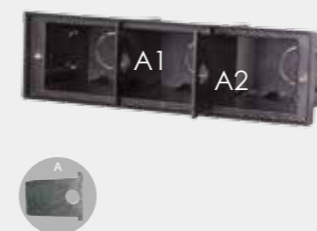
TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D1BD5407	54×SMD2835	24V DC 120/240	24V = 220 120V = 95 240V = 53	24V = 5.3 120V = 6.7 240V = 6.8	Cool White = 141 Warm White = 132	09

PHOTOMETRIC CURVES



MOUNTING SLEEVE CHARACTERISTIC



- The right picture-"A" is the supporting plate,used for "mounting sleeve" during the construction installation process to prevent deformation of the sleeve.
- The loading way such as A1, A2.
- Please take out the supporting plate (A1 & A2) from the "mounting box" before installation.

Diffused Beam Recessed LED Wall Light

Stainless Steel Front Cover

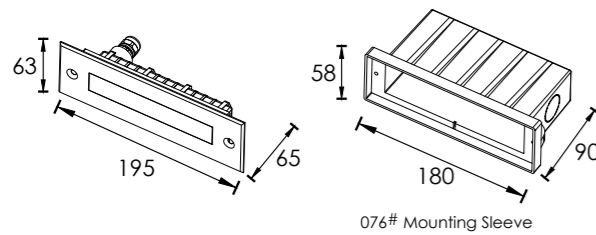


LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



OPTICS

N/A

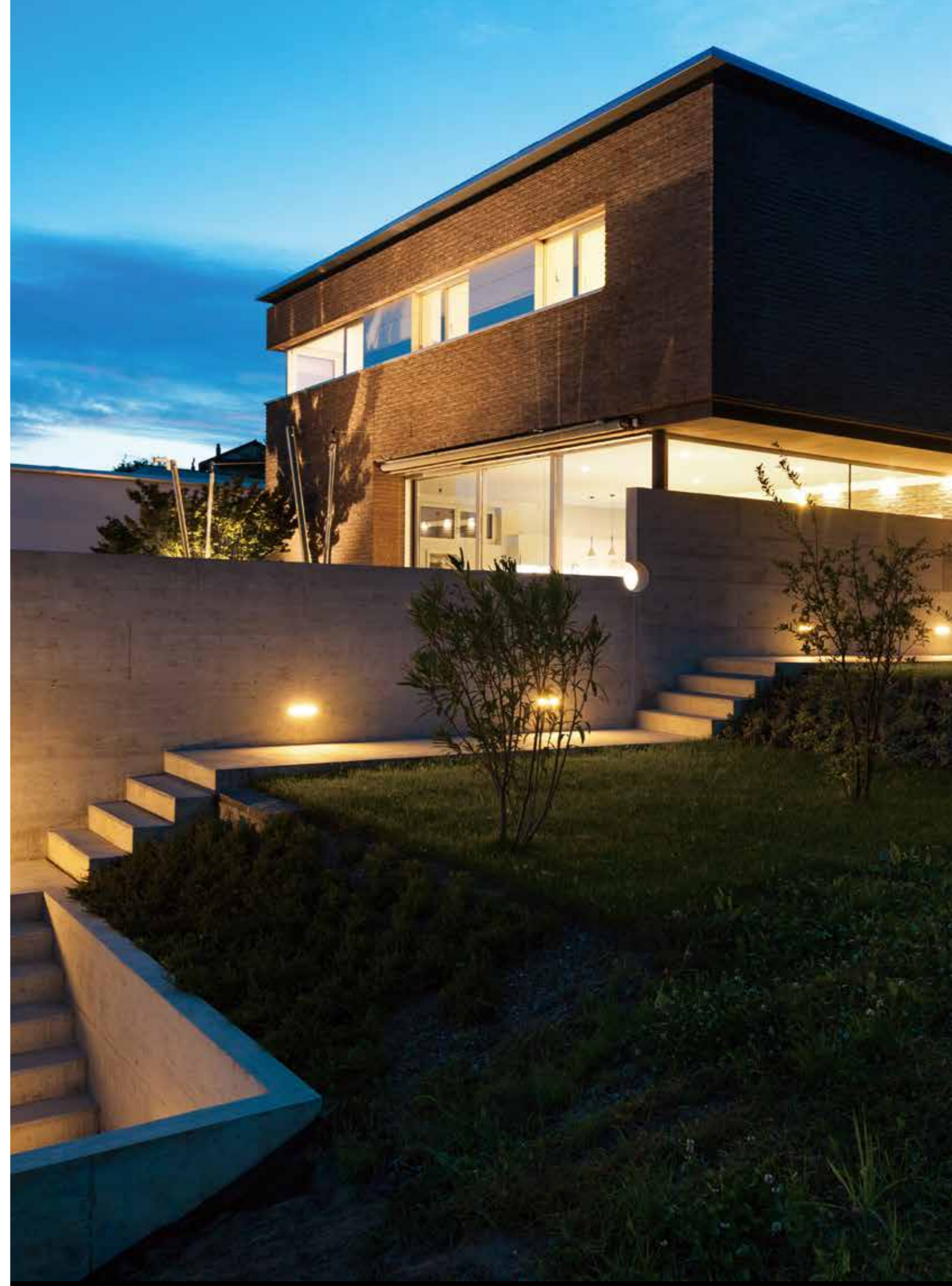
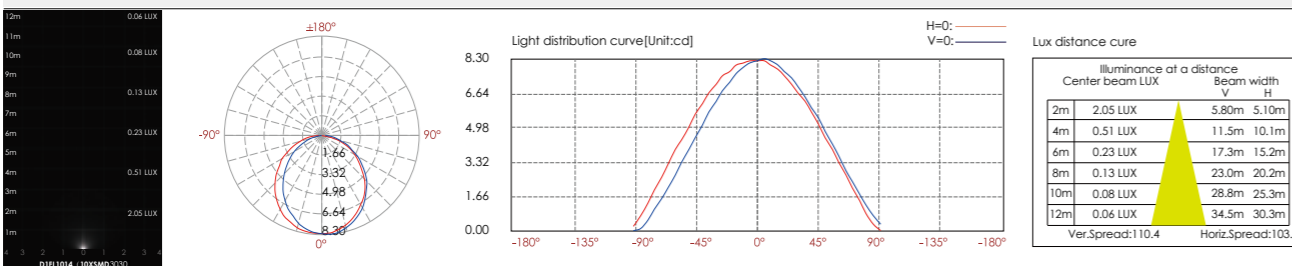
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum
| T=60-80µm Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chrome-plated stainless steel SUS 316L#
- LIGHT WINDOW** | Step tempered glass,T=8mm
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Tooling shaped seal
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.5m (low voltage)
| H05RN-F 3X1.0mm2 L=0.5m (high voltage)
- MOUNTING SLEEVE** | ABS 076#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D1FL1014	10×SMD3030	120°	24V DC 120/240	24V = 114 120V = 55 240V = 32	24V = 2.7 120V = 3.5 240V = 3.6	Cool White = 34 Warm White = 35	09

PHOTOMETRIC CURVES



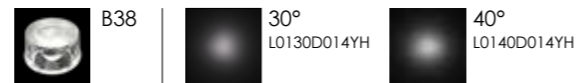
Recessed LED Stair Light & Wall Light



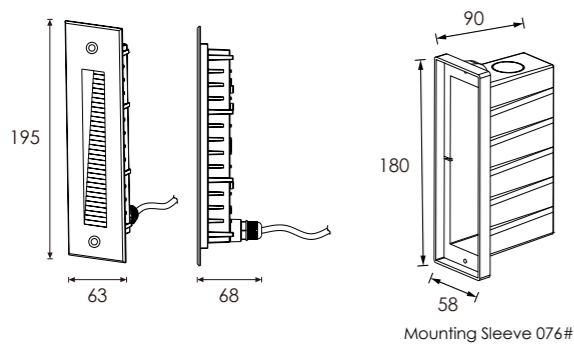
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES



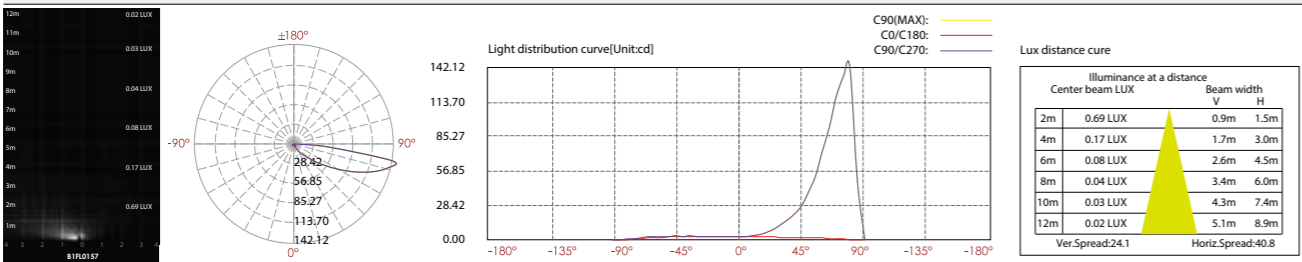
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum T=60-80um Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | 12# Die-casting aluminum
- LIGHT WINDOW** | Tempered glass T=2mm
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Molding shaped silicone seal
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.5m (low voltage) H05RN-F 3X1.0mm2 L=0.5m (high voltage)
- MOUNTING SLEEVE** | ABS 076#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B1FL0157	1X2W	B38	30°	24V DC 120/240	24V = 105 120V = 40 240V = 25	24V = 2.5 120V = 2.7 240V = 2.8	Cool White = 64 Warm White = 55	10

PHOTOMETRIC CURVES



Recessed LED Stair Light & Wall Light



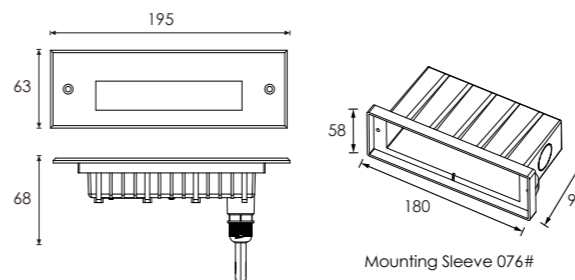
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum T=60-80um Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | 12# Die-casting aluminum
- LIGHT WINDOW** | PC T=4mm
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Molding shaped silicone seal
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.5m (low voltage) H05RN-F 3X1.0mm2 L=0.5m (high voltage)
- MOUNTING SLEEVE** | ABS 076#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

FRONT COVER COLOR

- Basic**: Sanded Dark Grey KAP 7037
- Secondary**: Silver Resistant Paint RAL 9006, Sanded Black RAL9005

MOUNTING SLEEVE CHARACTERISTIC

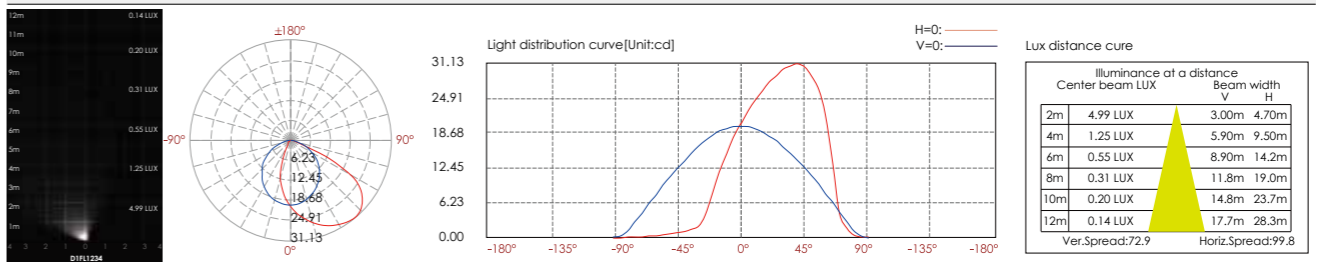


- The above picture – the supporting plate "A" is used for preventing deformation of the sleeve during the construction installation process.
- Please remove the supporting plate "A" from the mounting sleeve before the lamp installation.

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D1FL1234	12X0.2	N/A	120°	24V DC 120/240	24V = 52 120V = 29 240V = 20	24V = 1.24 120V = 1.7 240V = 2	Cool White = 58 Warm White = 55.5	10

PHOTOMETRIC CURVES



Recessed LED Stair Light & Wall Light



LED COLOUR TEMPERATURE

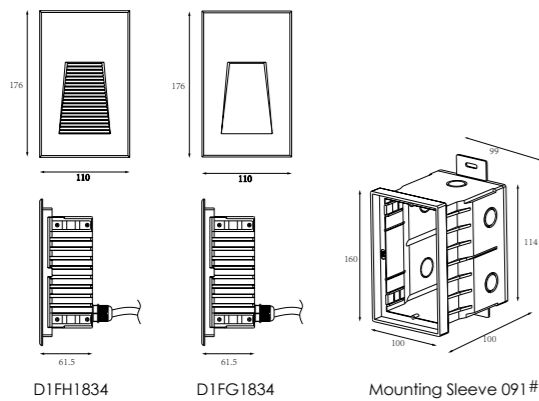
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



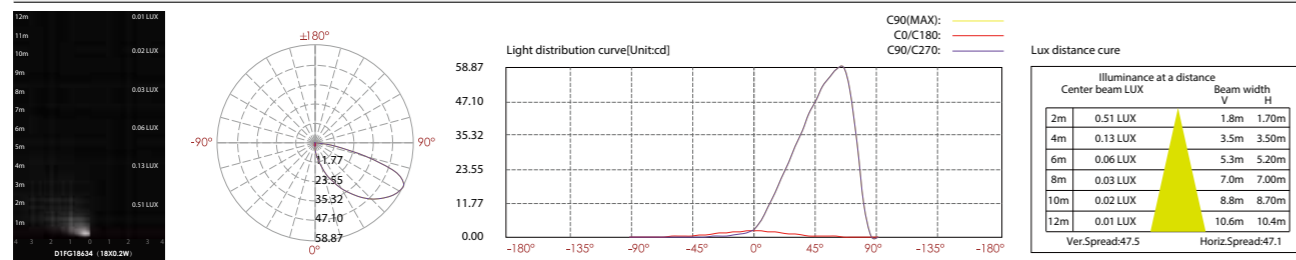
MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting grey powder coated aluminum T=60-80um Adhesion of ISO class 1/ASTM class 4B
FRONT COVER	12# Die-casting aluminum RAL7037 powder coated T=20-30um.Adhesion of ISO class 1/ASTM class 4B
LED	SMD3030 type LED
CABLE GLAND	IP67 copper and nicked coated
GASKET	Molding shaped silicone seal
LED DRIVER	Constant Voltage Input, Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm2 L=0.5m (low voltage) H05RN-F 3X1.0mm2 L=0.5m (high voltage)
MOUNTING SLEEVE	ABS 091#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D1FG1834	18x0.2W	24V DC	24V = 240	24V = 5.5	Cool White = 58	10
		120V/240	120V = 103	120V = 7	Warm White = 85	
			240V = 65	240V = 7.1		
D1FH1834	18x0.2W	24V DC	24V = 230	24V = 5.5	Cool White = 54.8	10
		120V/240	120V = 103	120V = 7	Warm White = 76	
			240V = 65	240V = 7.1		

PHOTOMETRIC CURVES



FRONT COVER COLOR



MOUNTING SLEEVE CHARACTERISTIC

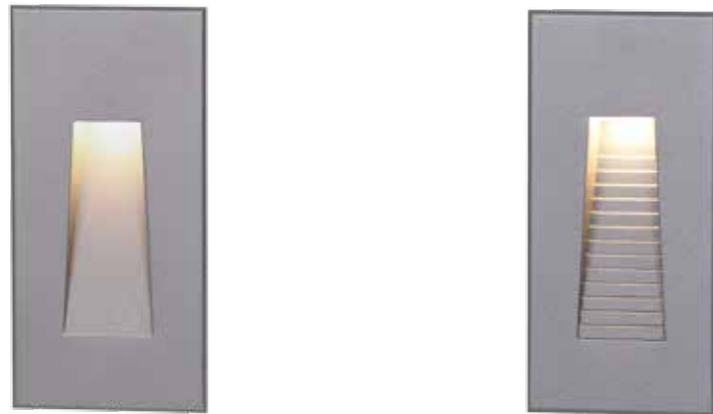


The clips have been specially modified and upgraded to have a stronger structure in order to make up the absence of the screw fixing.



There are two metal support plates on the bottom of the sleeve. It is used for fixing and preventing the mounting sleeve shifting while filling the concrete. These will simply installer and electrician while they are recessing the sleeves.

Recessed LED Stair Light & Wall Light



LED COLOUR TEMPERATURE

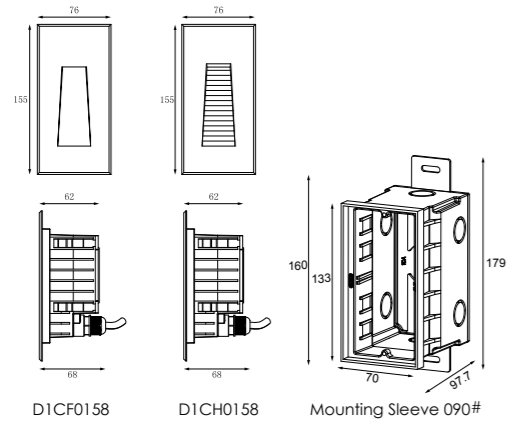
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



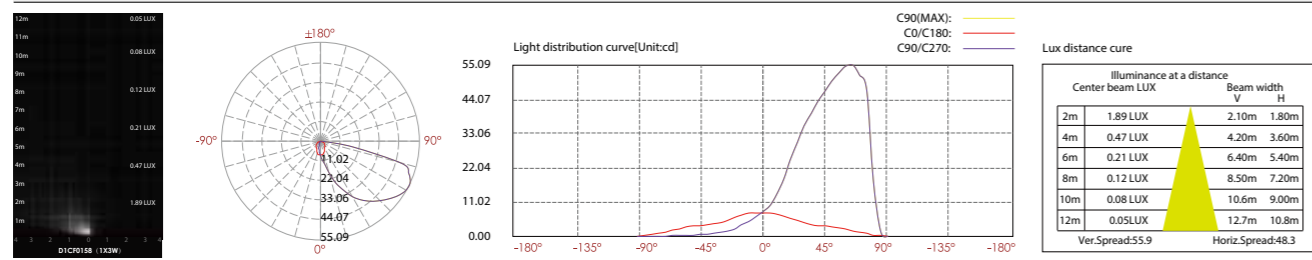
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum
T=60-80um Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | 12# Die-casting aluminum RAL7037 powder coated
T=20-30um Adhesion of ISO class 1/ASTM class 4B
- LED** | SMD3030 type LED
- CABLE GLAND** | IP67 PG-9 PA66
- GASKET** | Molding shaped silicone seal
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.5m (low voltage)
H05RN-F 3X1.0mm² L=0.5m (high voltage)
- MOUNTING SLEEVE** | ABS 090#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D1CH0158	1×3W	24V DC 120/240	24V = 1.40	24V = 3.3	Cool White = 64	10
			120V = 36	120V = 4.2	Warm White = 55	
			240V = 22	240V = 4.4		
D1CF0158	1×3W	24V DC 120/240	24V = 1.40	24V = 3.3	Cool White = 62	10
			120V = 36	120V = 4.2	Warm White = 53	
			240V = 22	240V = 4.4		

PHOTOMETRIC CURVES



FRONT COVER COLOR



MOUNTING SLEEVE CHARACTERISTIC



•The clips have been specially modified and upgraded to have a stronger structure in order to make up the absence of the screw fixing.



•There are two metal support plates on the bottom of the sleeve. It is used for fixing and preventing the mounting sleeve shifting while filling the concrete.
•These will simply installer and electrician while they are recessing the sleeves.

Trimless Asymmetrical COB Inground Light / Recessed Wall Light

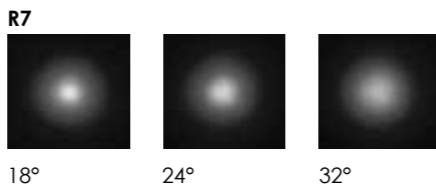


LED COLOUR TEMPERATURE

3000K • 6000K

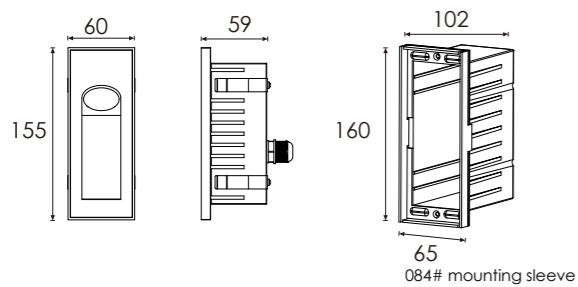
OPTICS

R7
R0118C035XL 18°
R0124C035XL 24°
R0132C035XL 32°



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



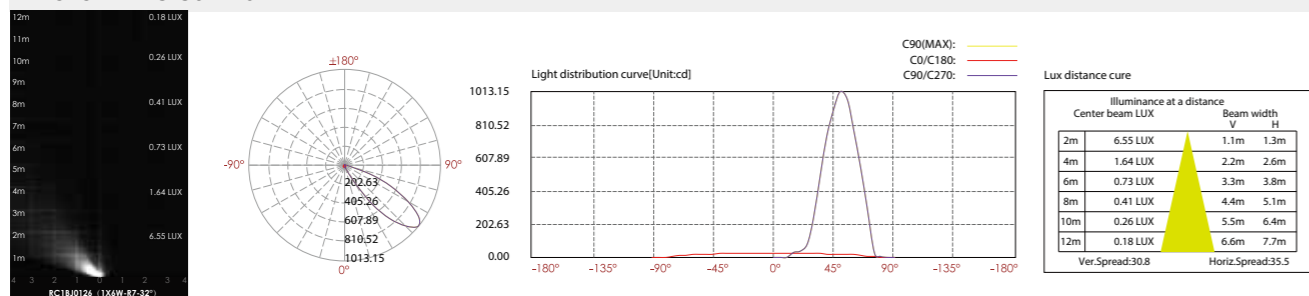
MATERIAL SPECIFICATIONS

Housing | 12# Die-casting grey powder coated aluminum.
T=60-80µm Adhesion of ISO class 1/ASTM class 4B
Front cover | Tempered glass T=8mm
Glass pressure capacity | Full area=3286kgs
Operating temperature | -20°C~40°C
Power cable | H05RN-F 2X1.0mm L=0.5m(Low voltage)
| H05RN-F 3X1.0mm L=0.5m(High voltage)
Mounting sleeve | 084# ABS +Stainless Steel Ring

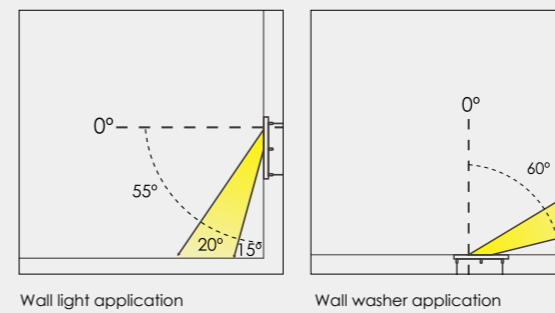
TECHNICAL DATA

Item	Light source	Reflector	The manufacturer selected lens degree(°)θ1/2	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
RC1BJ0126	1×6W COB	R7	32°	24V DC 120/240	24V = 270 120V = 65 240V = 37	24V = 6.5 120V = 7.7 240V = 7.8	Cool white=498 Warm white=457	06

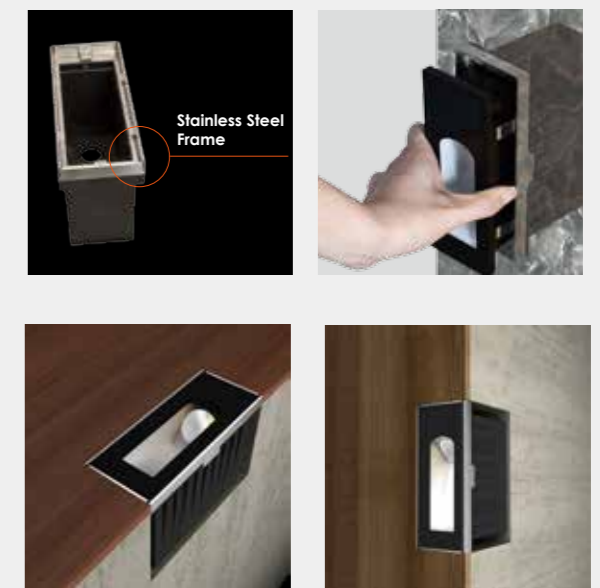
PHOTOMETRIC CURVES



Asymmetrical Demo



Installation Demo



Asymmetrical COB Inground Light / Recessed Wall Light

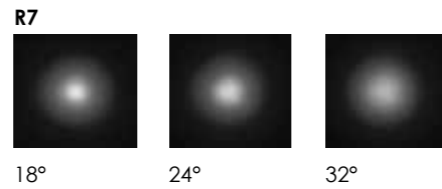


LED COLOUR TEMPERATURE

3000K • 6000K

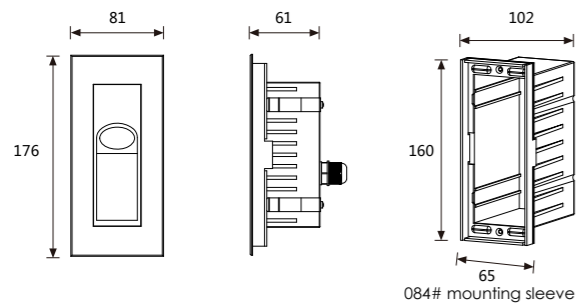
OPTICS

R7
R0118C035XL 18°
R0124C035XL 24°
R0132C035XL 32°



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



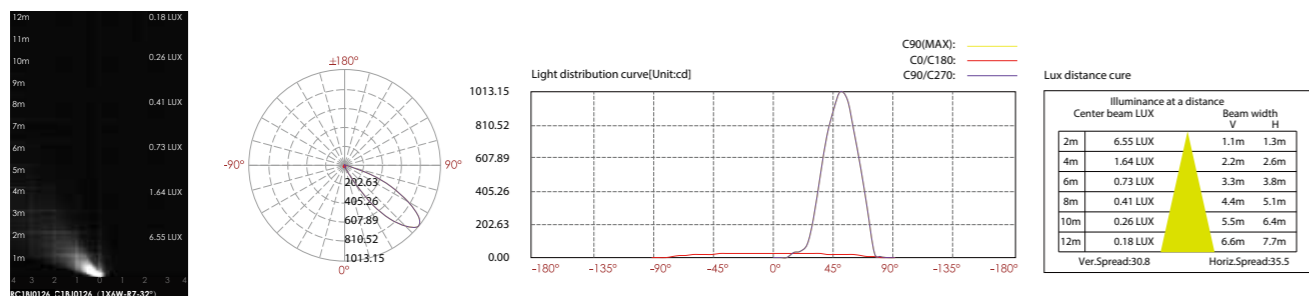
MATERIAL SPECIFICATIONS

Housing | 12# Die-casting grey powder coated aluminum.
T=60-80µm Adhesion of ISO class 1/ASTM class 4B
Light Window | Tempered glass T=8mm
Glass pressure capacity | Full area=3286kgs
Operating temperature | -20°C~40°C
Power cable | H05RN-F 2X1.0mm L=0.5m(Low voltage)
H05RN-F 3X1.0mm L=0.5m(High voltage)
Mounting sleeve | 084# ABS +Stainless Steel Ring

TECHNICAL DATA

Item	Light source	Reflector	The manufacturer selected lens degree(°)θ1/2	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
RC1B10126	1×6W COB	R7	32°	24V DC 120/240	24V = 270 120V = 65 240V = 37	24V = 6.5 120V = 7.7 240V = 7.8	Cool white=498 Warm white=457	06

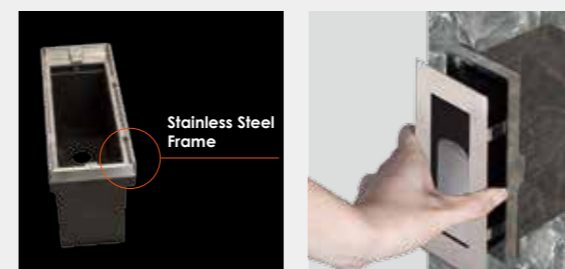
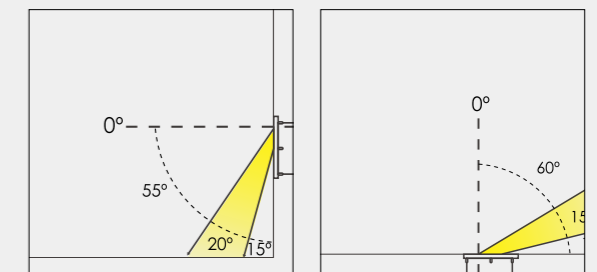
PHOTOMETRIC CURVES



Installation Demo



Asymmetrical Demo



Recessed LED Stair Light & Wall Light



LED COLOUR TEMPERATURE

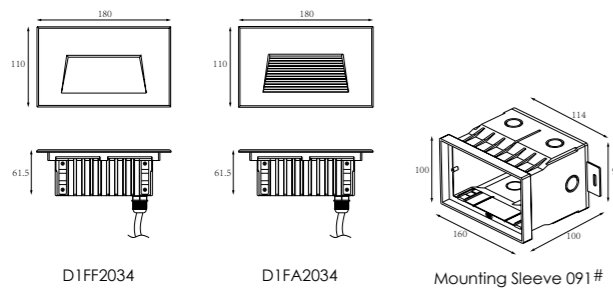
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



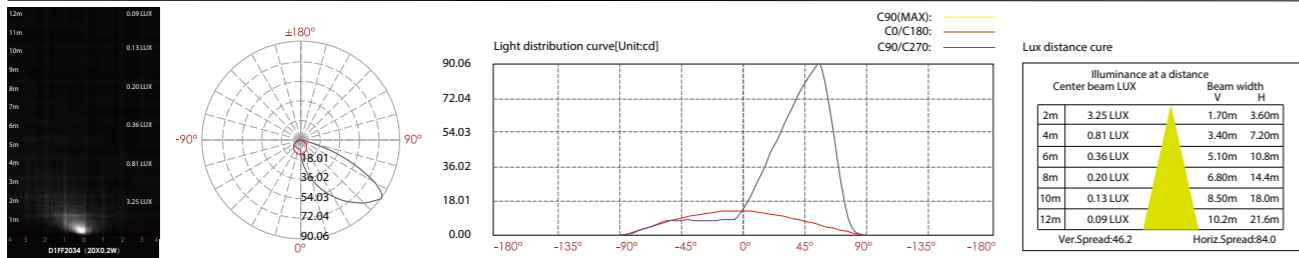
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum
T=60-80um Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | 12# Die-casting aluminum RAL7037 powder coated
T=60-80um Adhesion of ISO class 1/ASTM class 4B
- LED** | SMD3030 type LED
- CABLE GLAND** | IP-67 copper and nicked coated
- GASKET** | Molding shaped silicone seal
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.5m (low voltage)
H05RN-F 3X1.0mm2 L=0.5m (high voltage)
- MOUNTING SLEEVE** | ABS 091#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D1FA2034	20×0.2W	24V DC	24V = 227	24V = 5.6	Cool White = 103 Warm White = 96.5	10
		120/240	120V = 102	120V = 6.8		
		240V = 57	240V = 6.8			
D1FF2034	20×0.2W	24V DC	24V = 227	24V = 5.6	Cool White = 113.7 Warm White = 104.3	10
		120/240	120V = 101	120V = 6.8		
		240V = 56	240V = 6.8			

PHOTOMETRIC CURVES

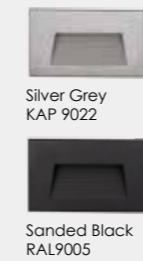


FRONT COVER COLOR

Basic



Secondary



MOUNTING SLEEVE CHARACTERISTIC



•The clips have been specially modified and upgraded to have a stronger structure in order to make up the absence of the screw fixing.



•There are two metal support plates on the bottom of the sleeve. It is used for fixing and preventing the mounting sleeve shifting while filling the concrete.
•These will simply installer and electrician while they are recessing the sleeves.

Recessed LED Stair Light & Wall Light



LED COLOUR TEMPERATURE

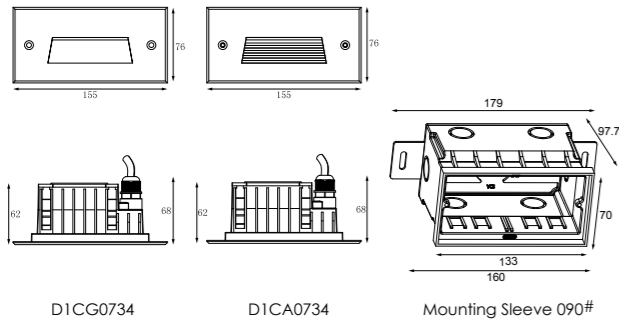
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



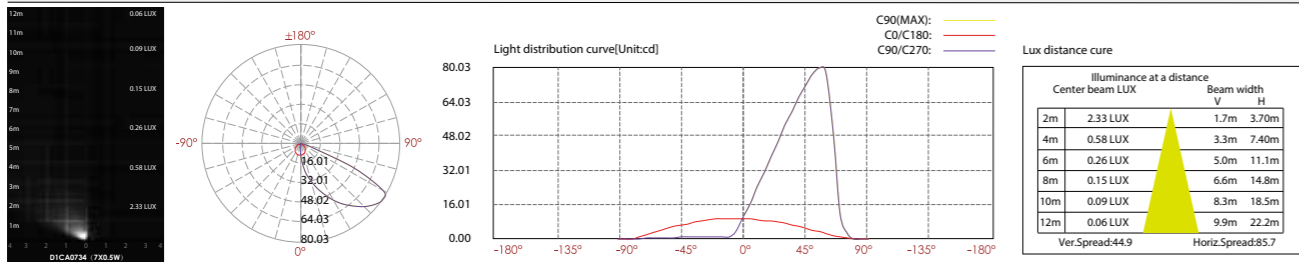
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum
T=60-80um Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | 12# Die-casting aluminum RAL7037 powder coated
T=60-80um.Adhesion of ISO class 1/ASTM class 4B
- LED** | SMD3030 type LED
- CABLE GLAND** | IP67 PG-9 PA66
- GASKET** | Molding shaped silicone seal
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.5m (low voltage)
H05RN-F 3X1.0mm² L=0.5m (high voltage)
- MOUNTING SLEEVE** | ABS 090#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D1CA0734	7×0.5W	24V DC	24V = 150	24V = 3.5	Cool White = 85	10
		120/240	120V = 72	120V = 4.8	Warm White = 82	
			240V = 40	240V = 4.8		
D1CG0734	7×0.5W	24V DC	24V = 150	24V = 3.5	Cool White = 104.5	10
		120/240	120V = 72	120V = 4.8	Warm White = 97.9	
			240V = 40	240V = 4.8		

PHOTOMETRIC CURVES



FRONT COVER COLOR

Basic



Sanded Dark Grey
KAP 7037

Secondary



Silver Grey
KAP 9022



Sanded Black
RAL9005

MOUNTING SLEEVE CHARACTERISTIC



•The clips have been specially modified and upgraded to have a stronger structure in order to make up the absence of the screw fixing.



•There are two metal support plates on the bottom of the sleeve. It is used for fixing and preventing the mounting sleeve shifting while filling the concrete.
•These will simply installer and electrician while they are recessing the sleeves.

LED Recessed Wall Light



LED COLOUR TEMPERATURE

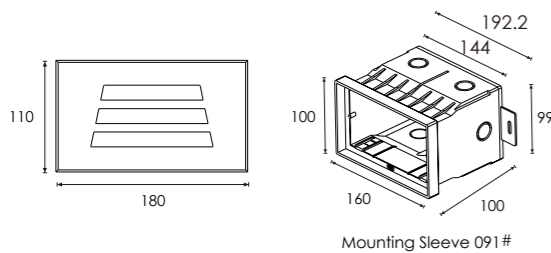
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting grey powder coated aluminum T=60-80um Adhesion of ISO class 1/ASTM class 4B
FRONT COVER	12# Die-casting aluminum RAL7037 powder coated T=60-80um.Adhesion of ISO class 1/ASTM class 4B
LED	SMD3030 type LED
CABLE GLAND	IP67 PG-9 PA66
GASKET	Molding shaped silicone seal
LED DRIVER	Constant Voltage Input,Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm2 L=0.5m (low voltage) H05RN-F 3X1.0mm2 L=0.5m (high voltage)
MOUNTING SLEEVE	ABS 091#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

FRONT COVER COLOR

Basic



Sanded Dark Grey
KAP 7037

Secondary



Silver Grey
KAP 9022



Sanded Black
RAL9005

MOUNTING SLEEVE CHARACTERISTIC

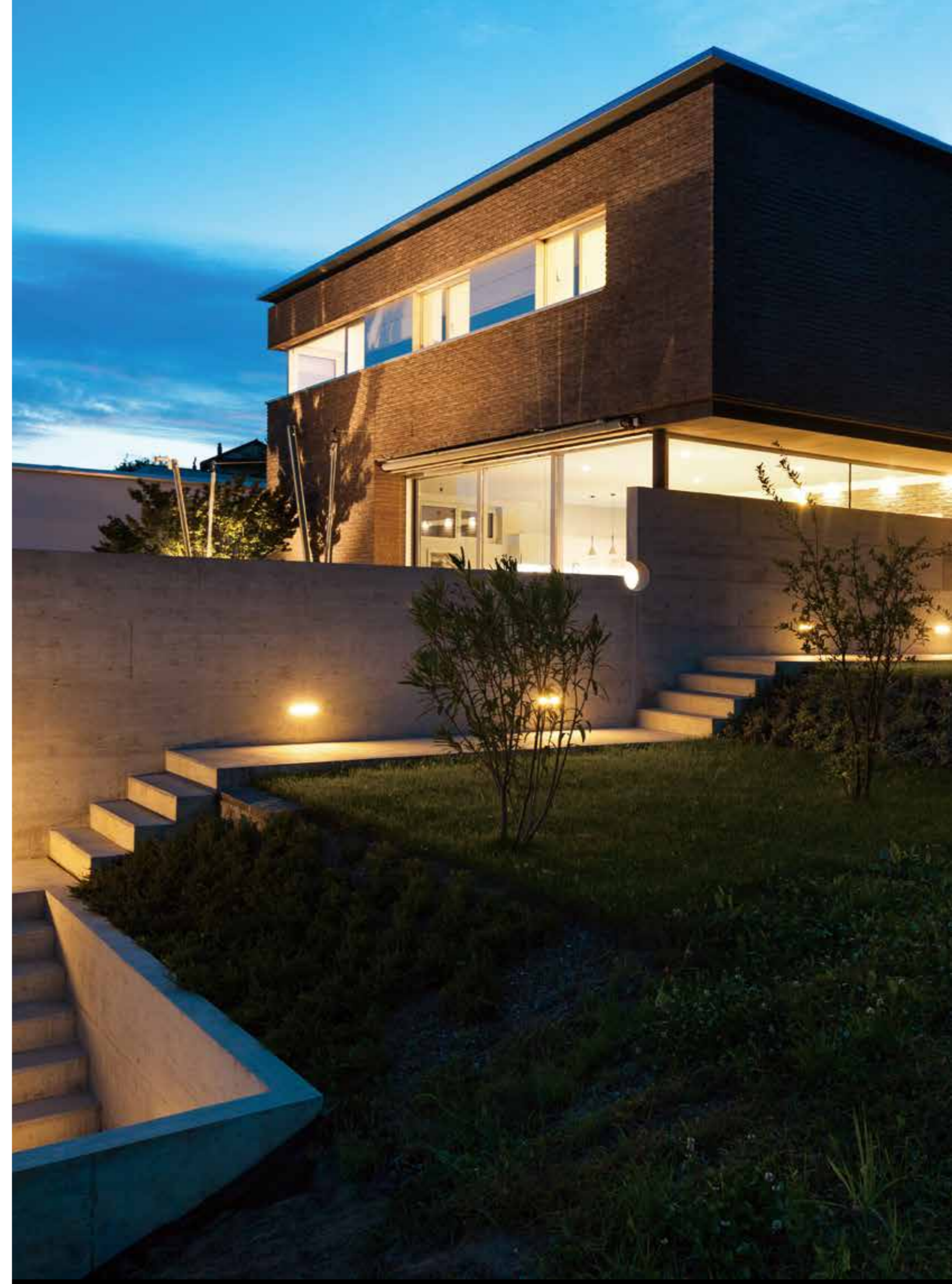
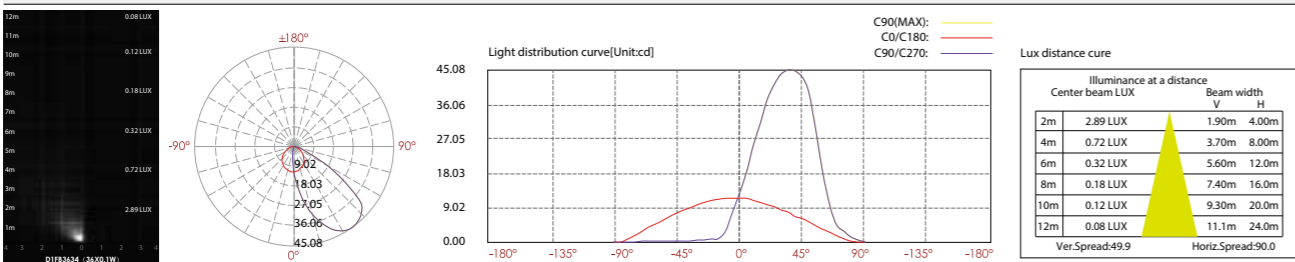


- The clips have been specially modified and upgraded to have a stronger structure in order to make up the absence of the screw fixing.
- There are two metal support plates on the bottom of the sleeve. It is used for fixing and preventing the mounting sleeve shifting while filling the concrete.
- These will simply installer and electrician while they are recessing the sleeves.

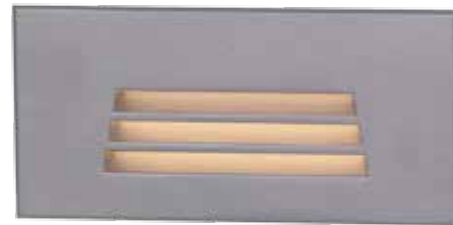
TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D1FB3634	36x0.1W	24V DC 120/240	24V = 235 120V = 100 240V = 55	24V = 5.5 120V = 6.7 240V = 7	Cool White = 62 Warm White = 55	09

PHOTOMETRIC CURVES



Recessed LED Wall Light



LED COLOUR TEMPERATURE

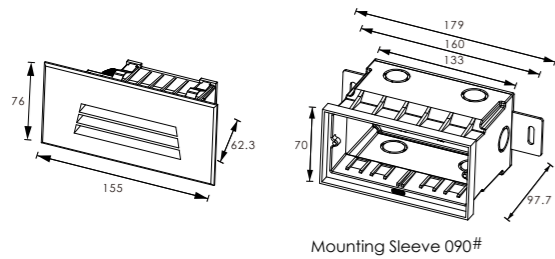
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



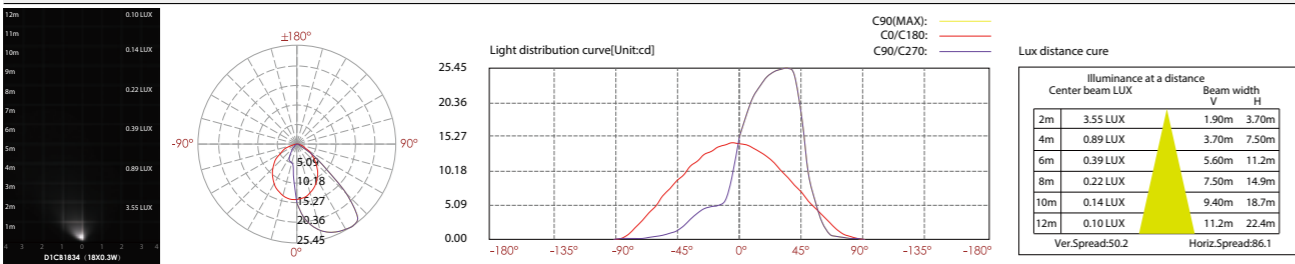
MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting grey powder coated aluminum T=60-80um Adhesion of ISO class 1/ASTM class 4B
FRONT COVER	12# Die-casting aluminum RAL7037 powder coated T=60-80um.Adhesion of ISO class 1/ASTM class 4B
LED	SMD3030 type LED
CABLE GLAND	IP67 PG9 PA66
GASKET	Molding shaped silicone seal
LED DRIVER	Constant Voltage Input,Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm2 L=0.5m (low voltage) H05RN-F 3X1.0mm2 L=0.5m (high voltage)
MOUNTING SLEEVE	ABS 090#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D1CB1834	18x0.3W	24V DC 120/240	24V = 235 120V = 97 240V = 54	24V = 5.5 120V = 6.8 240V = 6.9	Cool White = 38 Warm White = 34	09

PHOTOMETRIC CURVES



FRONT COVER COLOR

Basic



Sanded Dark Grey
KAP 7037

Secondary



Silver Grey
KAP 9022



Sanded Black
RAL9005

MOUNTING SLEEVE CHARACTERISTIC



•The clips have been specially modified and upgraded to have a stronger structure in order to make up the absence of the screw fixing.



•There are two metal support plates on the bottom of the sleeve. It is used for fixing and preventing the mounting sleeve shifting while filling the concrete.
•These will simply installer and electrician while they are recessing the sleeves.

Diffused Beam Recessed LED Wall Light

Stainless steel front cover with Matte Surface

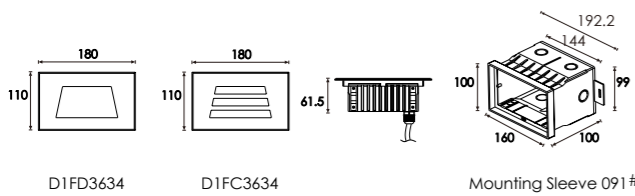


LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



OPTICS

N/A

MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum
| T=60-80um Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chromeplated Stainless steel 316#
- LED** | SMD3030 type LED
- CABLE GLAND** | IP67 PG-9 PA66
- GASKET** | Molding shaped silicone seal
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.5m (low voltage)
| H05RN-F 3X1.0mm² L=0.5m (high voltage)
- MOUNTING SLEEVE** | ABS 091#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D1FD3634	36x0.1W	24V DC 120/240	24V = 235	24V = 5.5	Cool White = 180 Warm White = 166	09
			120V = 100	120V = 6.7		
			240V = 55	240V = 6.6		
D1FC3634	36x0.1W	24V DC 120/240	24V = 235	24V = 5.5	Cool White = 180 Warm White = 160	09
			120V = 99	120V = 6.7		
			240V = 55	240V = 6.5		

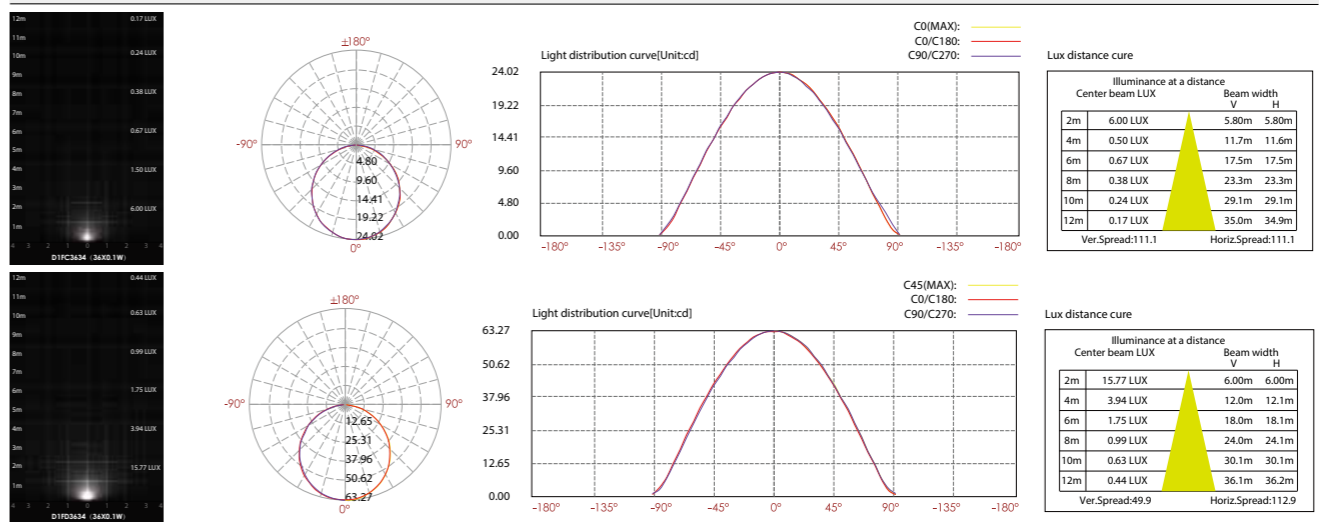
MOUNTING SLEEVE CHARACTERISTIC



•The clips have been specially modified and upgraded to have a stronger structure in order to make up the absence of the screw fixing.

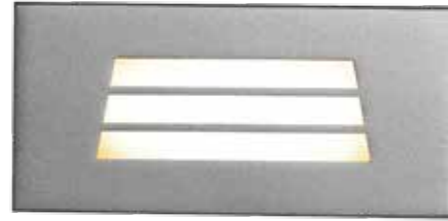
•There are two metal support plates on the bottom of the sleeve. It is used for fixing and preventing the mounting sleeve shifting while filling the concrete.
•These will simply installer and electrician while they are recessing the sleeves.

PHOTOMETRIC CURVES



Diffused Beam Recessed LED Wall Light

Stainless steel front cover with Matte Surface

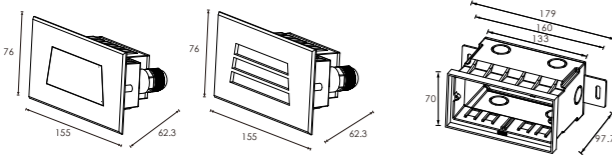


LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



D1CD1834

D1CC1834

Mounting Sleeve 090#

OPTICS

N/A

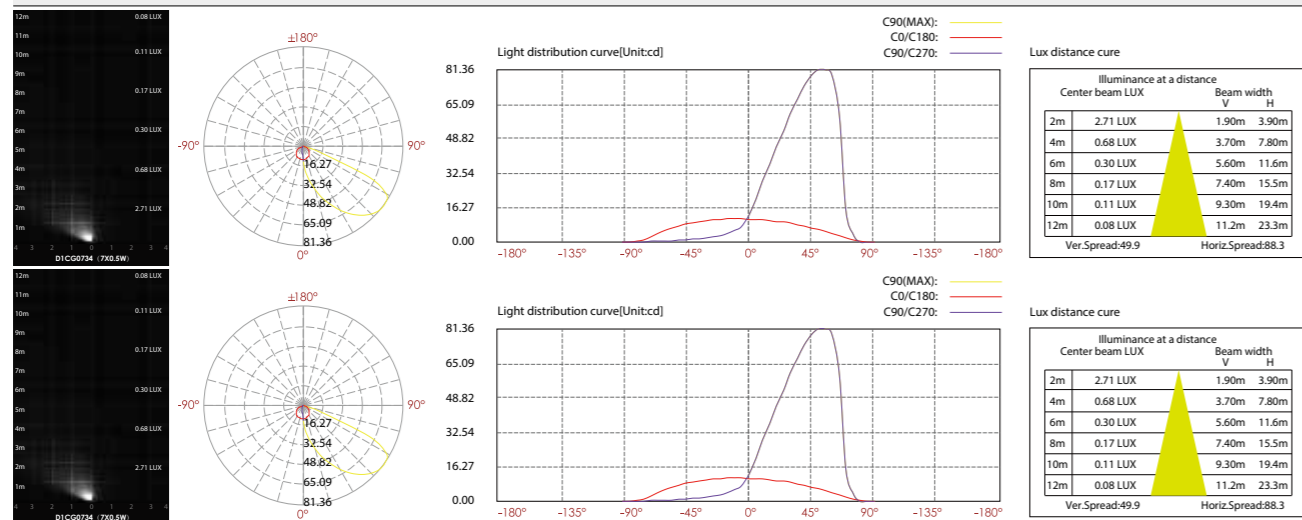
MATERIAL SPECIFICATIONS

HOUSING	I 12# Die-casting grey powder coated aluminum T=60-80um Adhesion of ISO class 1/ASTM class 4B	
FRONT COVER	I Hard chromeplated Stainless steel 316#	
LED	I SMD3030 type LED	
CABLE GLAND	I IP67 PG9 PA66	
GASKET	I Molding shaped silicone seal	
LED DRIVER	I Constant Voltage Input, Constant Current Output	
OPERATING TEMPERATURE	I -20°C~40°C	
POWER CABLE	H05RN-F 2X1.0mm2 L=0.5m (low voltage)	H05RN-F 3X1.0mm2 L=0.5m (high voltage)
MOUNTING SLEEVE	I ABS 090#	
DIMMABLE SUPPORT	I Triac PWM 1-10V Dali	

TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D1CD1834	18x0.2W	24V DC 120/240	24V = 125	24V = 3.0	Cool White = 80 Warm White = 70	09
			120V = 56	120V = 3.4		
			240V = 29	240V = 3.9		
D1CC1834	18x0.2W	24V DC 120/240	24V = 125	24V = 3.0	Cool White = 65 Warm White = 56	09
			120V = 56	120V = 3.4		
			240V = 29	240V = 3.9		

PHOTOMETRIC CURVES



MOUNTING SLEEVE CHARACTERISTIC



• The clips have been specially modified and upgraded to have a stronger structure in order to make up the absence of the screw fixing.

• There are two metal support plates on the bottom of the sleeve. It is used for fixing and preventing the mounting sleeve shifting while filling the concrete.
• These will simply installer and electrician while they are recessing the sleeves.

Recessed LED Stair Light & Wall Light



LED COLOUR TEMPERATURE

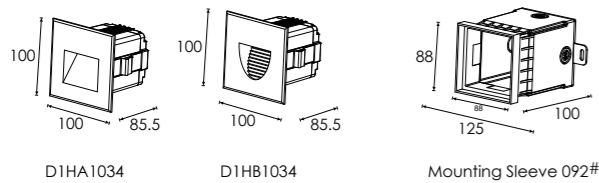
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



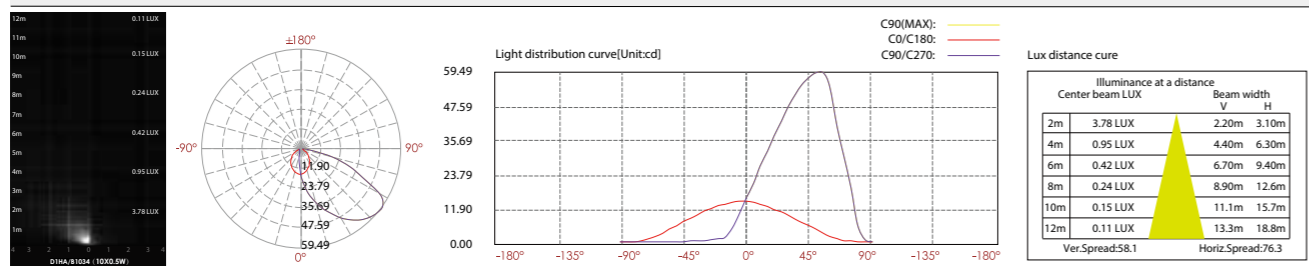
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum
T=60-80um Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | 12# Die-casting aluminum RAL7037 powder coated
T=60-80um Adhesion of ISO class 1/ASTM class 4B
- LED** | SMD3030 type LED
- CABLE GLAND** | IP67 copper and nicked coated
- GASKET** | Molding shaped silicone seal
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.5m (low voltage)
H05RN-F 3X1.0mm2 L=0.5m (high voltage)
- MOUNTING SLEEVE** | ABS 092#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

TECHNICAL DATA

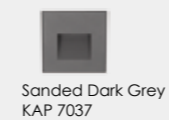
ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D1HA1034	10×0.5W	24V DC 120/240	24V = 230	24V = 5.5	Cool White = 124.6 Warm White = 112.9	10
			120V = 100	120V = 6.8		
			240V = 55	240V = 6.8		
D1HB1034	10×0.5W	24V DC 120/240	24V = 230	24V = 5.5	Cool White = 103 Warm White = 94.5	10
			120V = 100	120V = 6.8		
			240V = 55	240V = 6.8		

PHOTOMETRIC CURVES

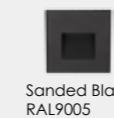
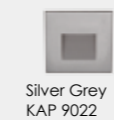


FRONT COVER COLOR

Basic



Secondary



MOUNTING SLEEVE CHARACTERISTIC



•The clips have been specially modified and upgraded to have a stronger structure in order to make up the absence of the screw fixing.



•There are two metal support plates on the bottom of the sleeve. It is used for fixing and preventing the mounting sleeve shifting while filling the concrete.
•These will simply installer and electrician while they are recessing the sleeves.

Recessed LED Stair Light & Wall Light

LED COLOUR TEMPERATURE

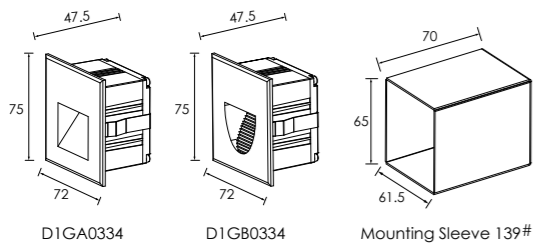
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



FRONT COVER COLOR

Basic



Sanded Dark Grey
KAP 7037

Secondary



Sanded Light Grey
RAL 9006



Sanded Black
RAL9005

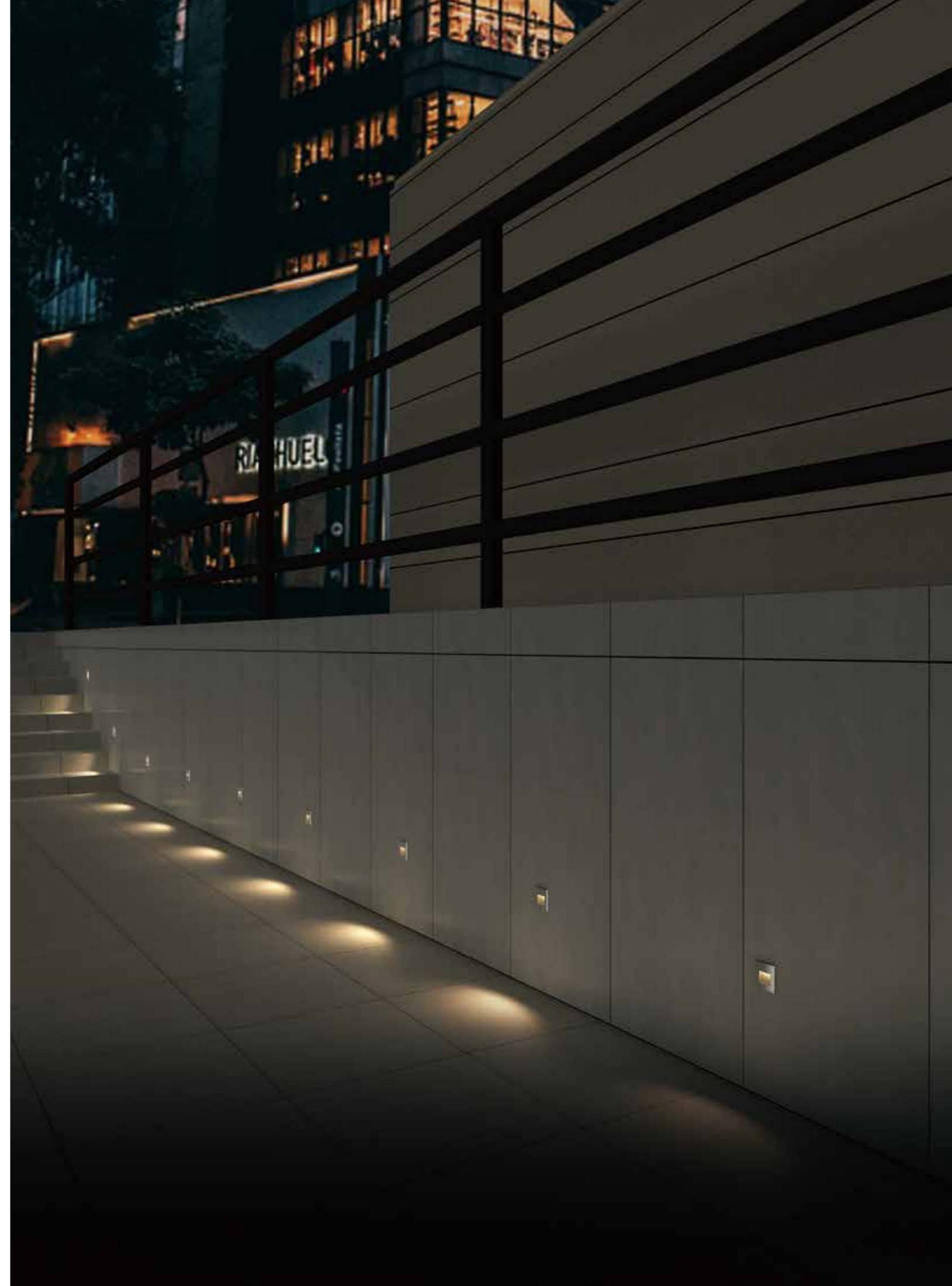
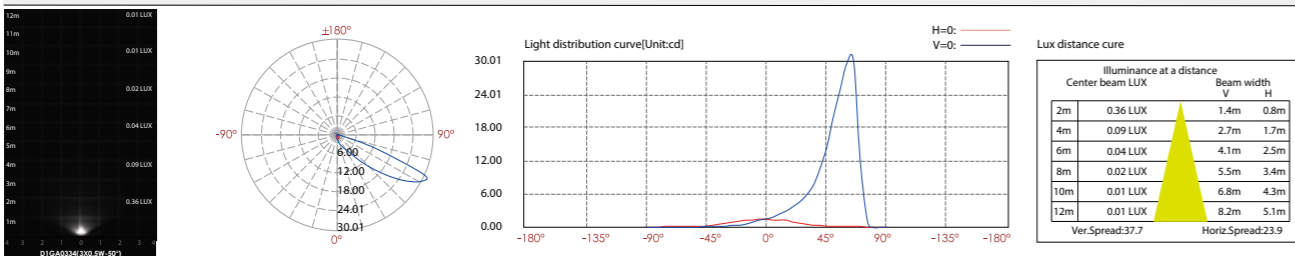
MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting aluminum T=20-25µm. Adhesion of ISO class 1/ ASTM class 4B high temperature painting
LIGHT SOURCE	1 SMD3030 Type LED
LED DRIVER	1 Constant Voltage Input, Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm ² L=0.5m (low voltage) H05RN-F 3X1.0mm ² L=0.5m (high voltage)
MOUNTING SLEEVE	139# Zinc plated mounting sleeve grey powder Coated, T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
DIMMABLE SUPPORT	1 Triac PWM 1-10V Dali

TECHNICAL DATA

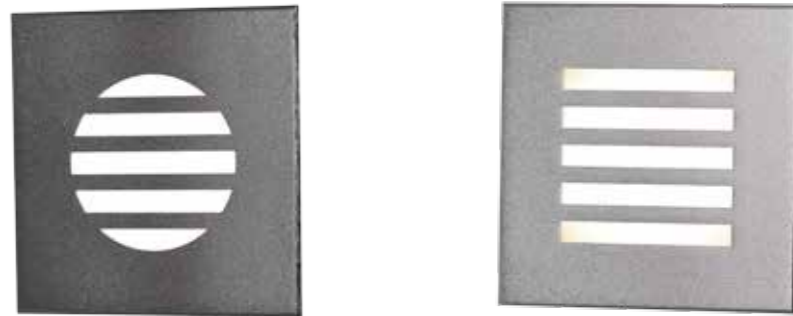
ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D1GA0334	3×0.7W	24V DC	24V = 110	24V = 2.6	Cool White = 26	10
		120/240	120V = 48	120V = 3.1	Warm White = 24	
		240V = 29	240V = 3.1			
D1GB0334	3×0.7W	24V DC	24V = 110	24V = 2.6	Cool White = 25	10
		120/240	120V = 48	120V = 3.0	Warm White = 22	
		240V = 29	240V = 3.1			

PHOTOMETRIC CURVES



Diffused Beam Recessed LED Wall Light

Stainless steel front cover with Matte Surface



LED COLOUR TEMPERATURE

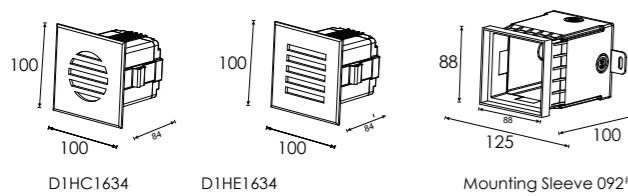
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting grey powder coated aluminum T=60-80um Adhesion of ISO class 1/ASTM class 4B
FRONT COVER	Hard chromeplated Stainless steel 316#
LED	SMD3030 type LED
CABLE GLAND	IP67 copper and nicked coated
GASKET	Molding shaped silicone seal
LED DRIVER	Constant Voltage Input, Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm ² L=0.5m (low voltage) H05RN-F 3X1.0mm ² L=0.5m (high voltage)
MOUNTING SLEEVE	ABS 092#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D1HC1634	16×0.2W	24V DC 120/240	24V = 125	24V = 3	Cool White = 35	09
			120V = 58	120V = 3.7	Warm White = 32	
			240V = 34	240V = 3.8		
D1HE1634	16×0.2W	24V DC 120/240	24V = 125	24V = 3	Cool White = 50	09
			120V = 58	120V = 3.7	Warm White = 45	
			240V = 34	240V = 3.8		

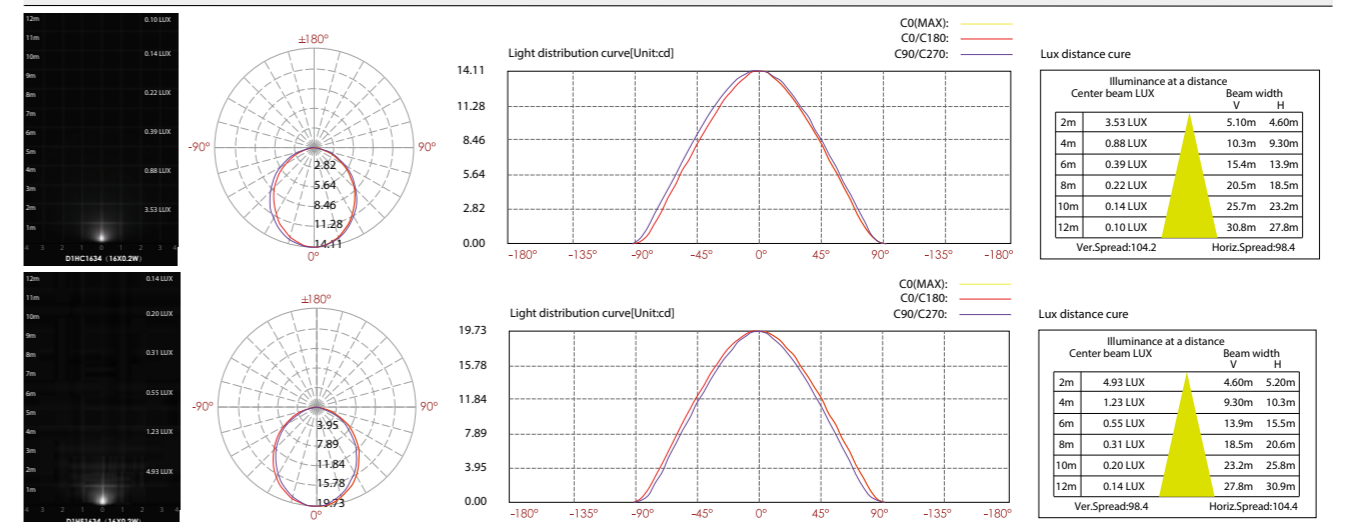
MOUNTING SLEEVE CHARACTERISTIC



•The clips have been specially modified and upgraded to have a stronger structure in order to make up the absence of the screw fixing.

•There are two metal support plates on the bottom of the sleeve. It is used for fixing and preventing the mounting sleeve shifting while filling the concrete.
•These will simply installer and electrician while they are recessing the sleeves.

PHOTOMETRIC CURVES



Recessed LED Stair Light & Wall Light

LED COLOUR TEMPERATURE

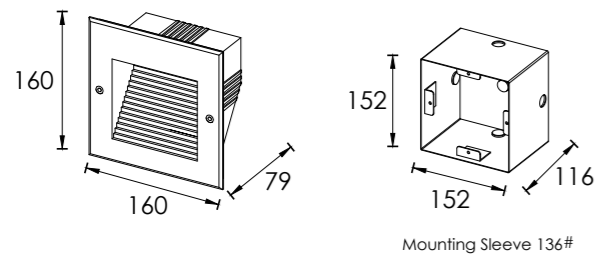
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



FRONT COVER COLOR

Basic



Sanded Dark Grey
KAP 7037

Secondary



Silver Grey
KAP 9022



Sanded Black
RAL9005

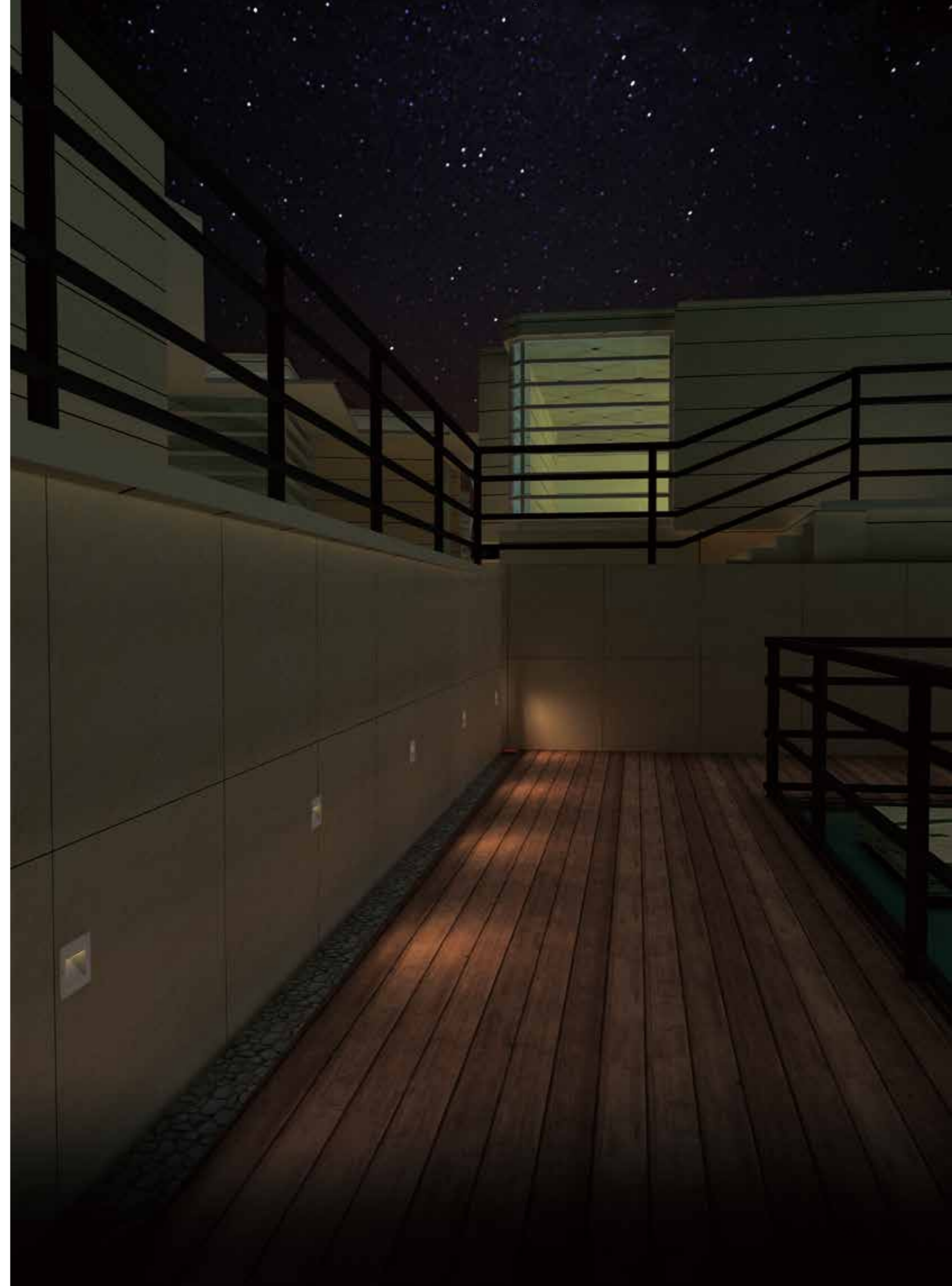
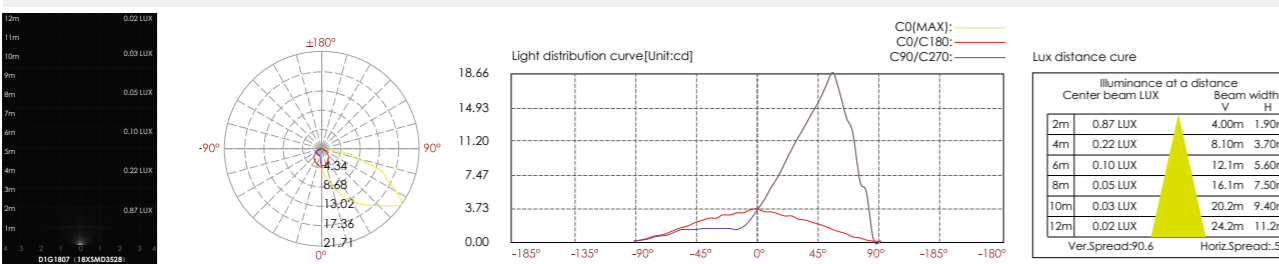
MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting grey powder coated aluminum T=60-80um Adhesion of ISO class 1/ASTM class 4B
FRONT COVER	12# Die-casting aluminum PT877U powder coated T=20-30um.Adhesion of ISO class 1/ASTM class 4B
LED	1 SMD2835 type power LED
CABLE GLAND	IP67 copper and nicked coated
GASKET	1 Molding shaped silicone seal
LED DRIVER	1 Constant Voltage Input, Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm2 L=0.5m (low voltage) H05RN-F 3X1.0mm2 L=0.5m (high voltage)
MOUNTING SLEEVE	ID1G1807:Zinc-coated steel 136#
DIMMABLE SUPPORT	1 Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D1G1807	18×SMD2835	120°	24V DC 120/240	24V = 50 120V = 27 240V = 17	24V = 1.2 120V = 1.7 240V = 1.8	Cool White = 39 Warm White = 34	10

PHOTOMETRIC CURVES



Surface Mounting & Recessed Power LED Wall Light



LED COLOUR TEMPERATURE

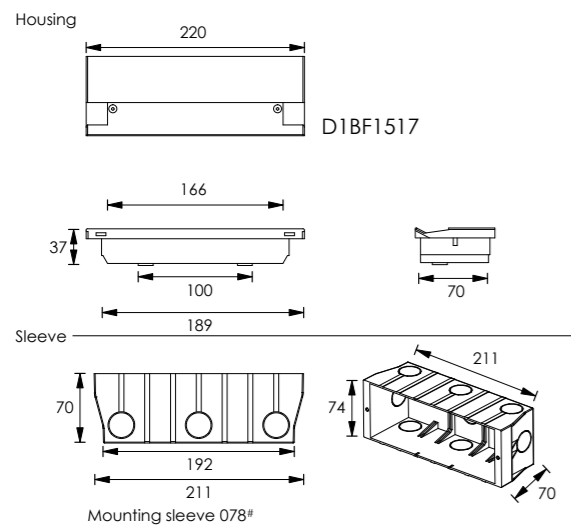
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



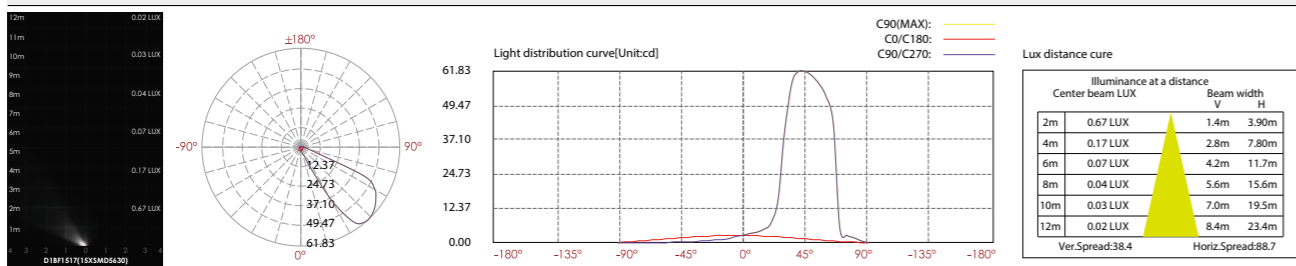
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum
- FRONT COVER** | T=60µm Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | 12# Die-casting aluminum
- GASKET** | Molding shaped silicone seal
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.5m (low voltage)
H05RN-F 3X1.0mm² L=0.5m (high voltage)
- MOUNTING SLEEVE** | ABS 078#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
D1BF1517	15×SMD3030	24V DC 120/240	24V = 125 120V = 60 240V = 34	24V = 3 120V = 3.7 240V = 3.7	Cool White = 73 Warm White = 65

PHOTOMETRIC CURVES

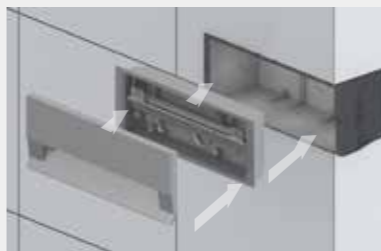


FRONT COVER COLOR



MOUNTING SLEEVE CHARACTERISTIC

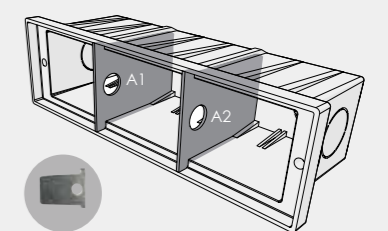
Recessed Installation



Surfaced Installation



Mounting Sleeve Characteristic



- The above picture-"A" is the supporting plate, used for "mounting sleeve" during the construction installation process to prevent deformation of the sleeve.
- The loading way such as A1, A2
- Please take out the supporting plate (A1 & A2) from the "mounting box" before installation.

Trimless Asymmetrical Recessed Stair Light and Wall Light



B1ABR0102



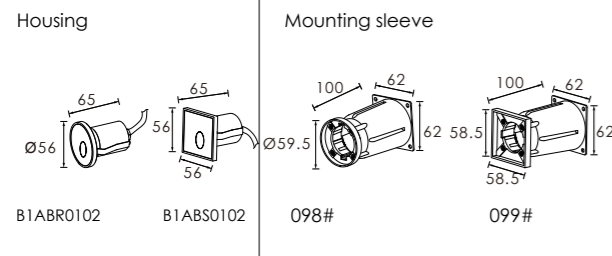
B1ABS0102

LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



OPTICS

N/A

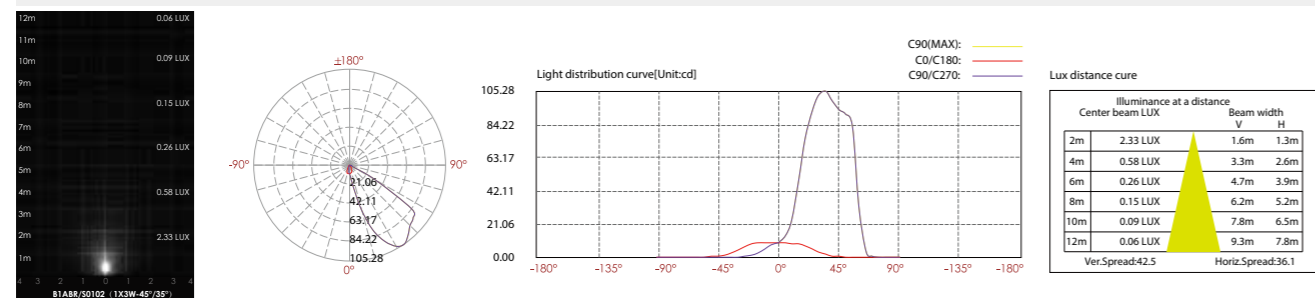
MATERIAL SPECIFICATIONS

- Housing | 12# Die-casting aluminum T=20-25µm. Adhesion of ISO class 1/ ASTM class 4B high temperature painting
- Light Source | Emitter type power LED
- LED Driver | Constant Voltage Input, Constant Current Output
- Glass pressure capacity | Full area=2292kgs
- Operating temperature | -20°C~40°C
- Power Cable | H05RN-F 2X1.0mm² L=0.3m
- Mounting sleeve | ABS O98#/O99#+Stainless Steel Ring

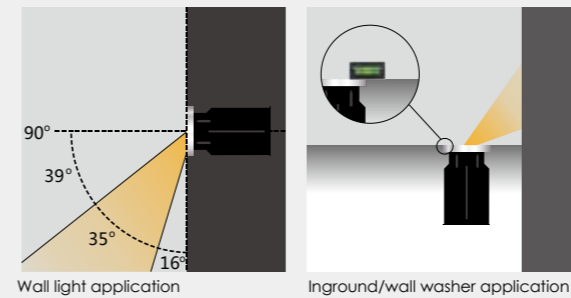
TECHNICAL DATA

Item	Light source	Lens	The manufacturer selected lens degree(°)θ1/2	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
B1ABR0102	1×3W	L0180C010AR	45° 35°	24V DC	137	3.3	Cool white =54 Warm white =52	04
B1ABS0102	1×3W	L0180C010AR	45° 35°	24V DC	137	3.3	Cool white =54 Warm white =52	04

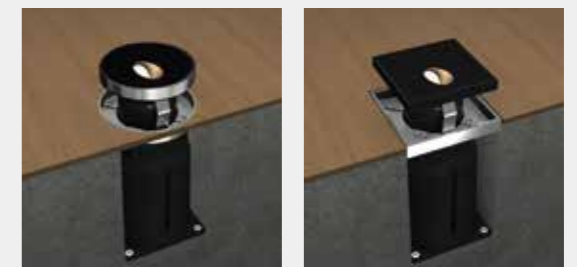
PHOTOMETRIC CURVES



Asymmetrical Demo



Installation Demo



Recessed LED Stair Light & Wall Light

Stainless steel front cover with Matt Surface



LED COLOUR TEMPERATURE

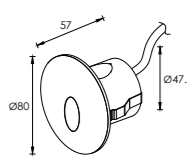
2000K · 3000K · 6000K

OPTICS

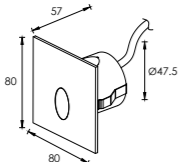
N/A

OUTER DIMENSIONS & ACCESSORIES

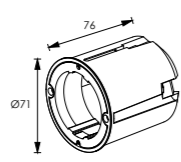
Unit:mm



B1SR0101 B



B1SS0101 B



Mounting Sleeve 035#

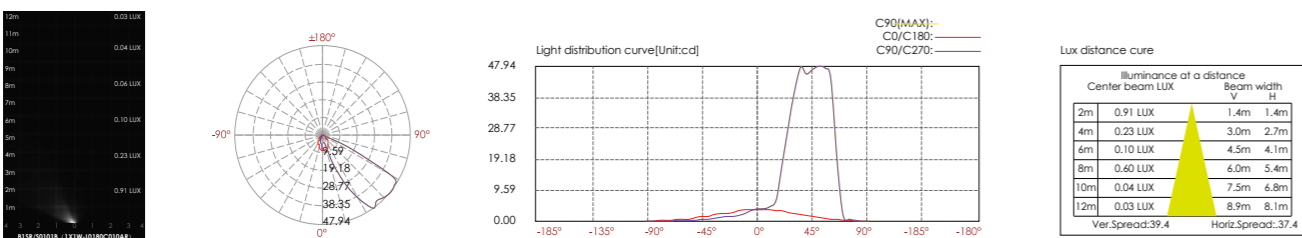
MATERIAL SPECIFICATIONS

- HOUSING** | Molding shaped stainless-steel SUS 316L
- LIGHT SOURCE** | OSRAM
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.5m (low voltage)
| H05RN-F 3X1.0mm2 L=0.5m (high voltage)
- MOUNTING SLEEVE** | ABS 035#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B1SR0101 B	1×1W	L0180C010AR	80°	24V DC 120/240	24V = 59 120V = 26 240V = 16	24V = 1.46 120V = 1.7 240V = 1.7	Cool White = 51 Warm White = 46	10
B1SR0101 B	1×1W	L0180C010AR	80°	24V DC 120/240	24V = 59 120V = 26 240V = 16	24V = 1.46 120V = 1.7 240V = 1.7	Cool White = 51 Warm White = 46	10

PHOTOMETRIC CURVES



BEAM EFFECT DEMO



Wall Recessed



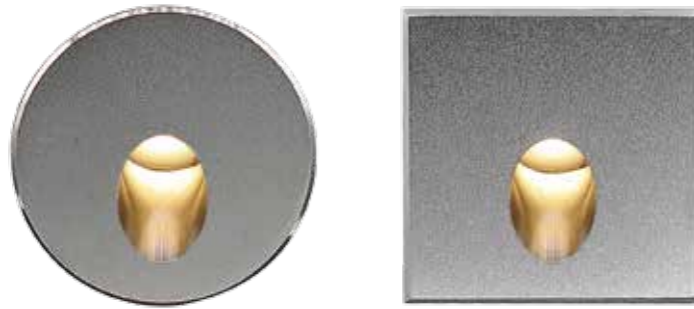
Installation with clips embedded into sleeve, fix on the concrete wall



Installation with clips directly on the wall

Recessed LED Stair Light & Wall Light

Stainless steel front cover with Matt Surface



LED COLOUR TEMPERATURE

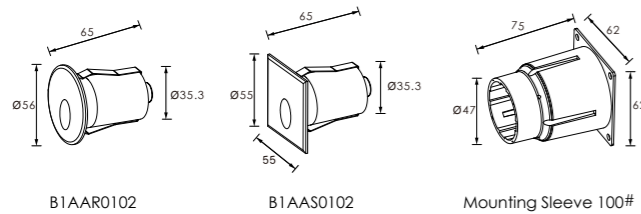
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



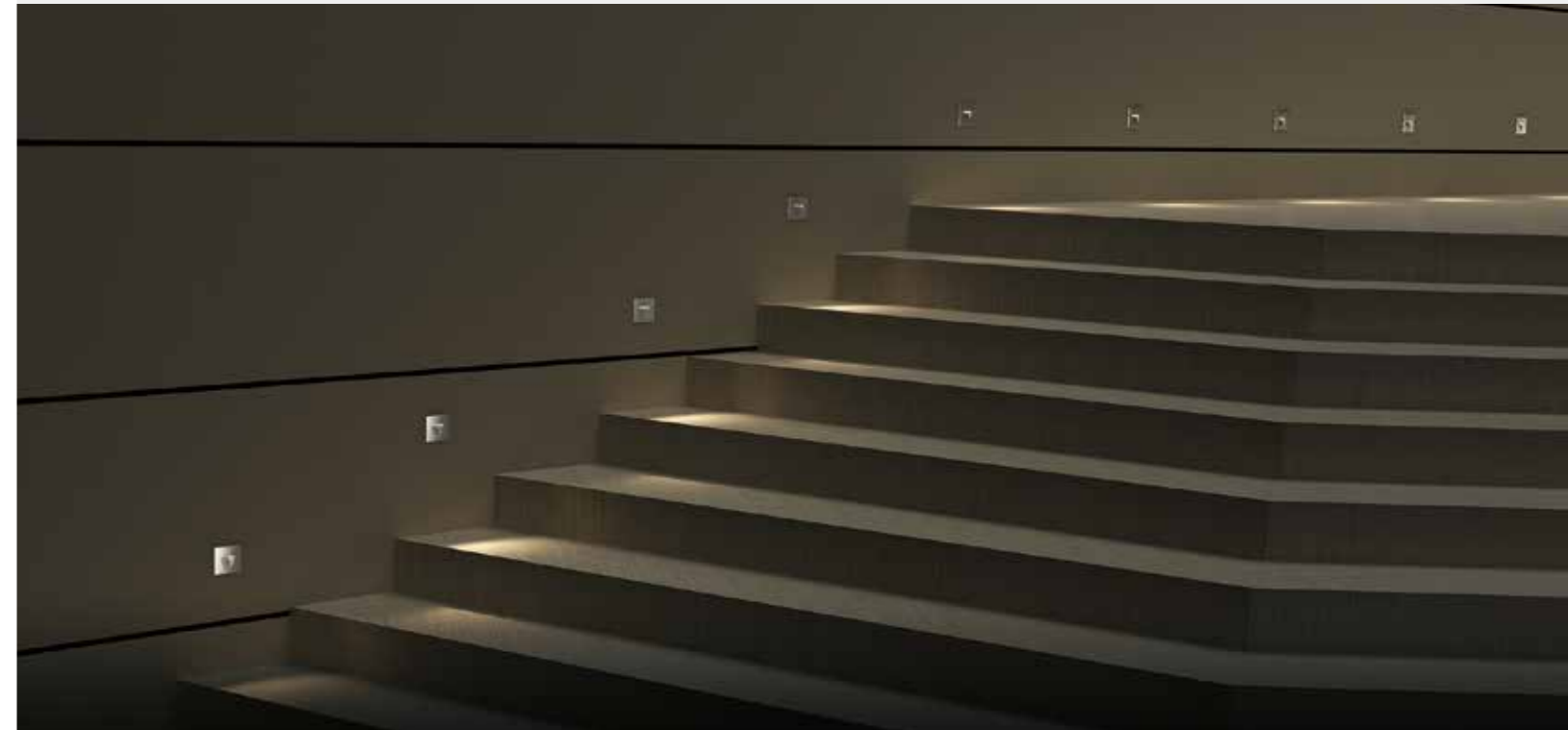
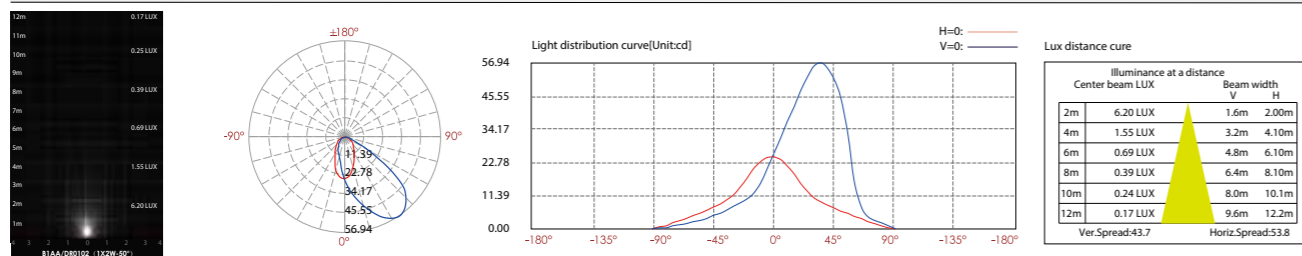
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting aluminum T=20-25μm. Adhesion of ISO class 1/ ASTM class 4B high temperature painting
- FRONT COVER** | Hard chrome-plated stainless steel SUS 316#
- LIGHT SOURCE** | OSRAM
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.3m (low voltage)
- MOUNTING SLEEVE** | ABS 100 #
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

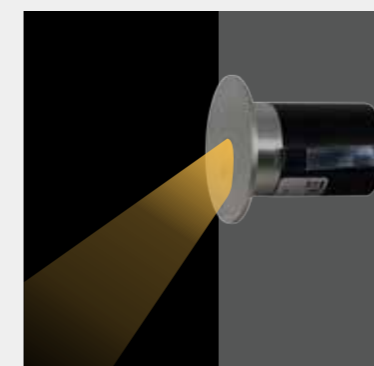
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B1AAR0102	1×2W	L0180C010AR	50°	24V DC	100	2.4	Cool White = 40 Warm White = 36	10
B1AAS0102	1×2W	L0180C010AR	50°	24V DC	100	2.4	Cool White = 40 Warm White = 36	10

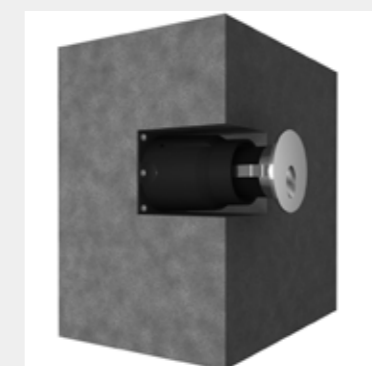
PHOTOMETRIC CURVES



LIGHTING EFFECT DEMO & INSTALLATION



Wall Recessed



Installation with clips embedded into sleeve, fix on the concrete wall



Installation with clips directly

Asymmetrical Recessed LED Stair Light & Wall Light



LED COLOUR TEMPERATURE

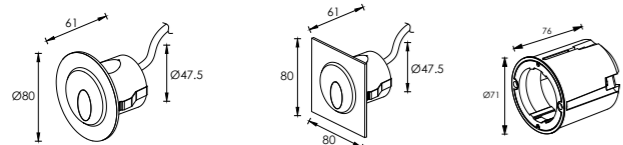
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



B1QR0102

B1QS0102

Mounting Sleeve 035#

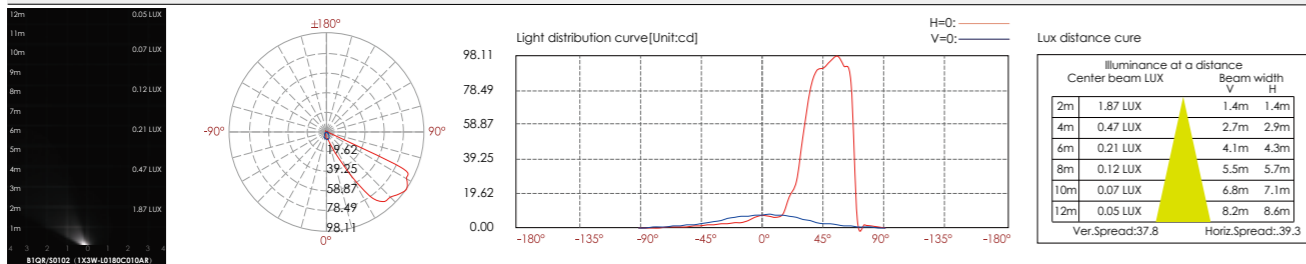
MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting aluminum T=20-25μm. Adhesion of ISO class 1/ ASTM class 4B high temperature painting
LIGHT SOURCE	OSRAM
LED DRIVER	Constant Voltage Input, Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm2 L=0.3m(low voltage) H05RN-F 3X1.0mm2 L=0.3m(high voltage)
MOUNTING SLEEVE	ABS 035#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B1QR0102	1×3W	L0180C010AR	80°	24V DC	24V = 110	24V = 2.6	Cool White = 64.7 Warm White = 60	10
				120/240	120V = 48	120V = 3		
				240V = 28	240V = 3.1	240V = 3.1		
B1QS0102	1×3W	L0180C010AR	80°	24V DC	24V = 110	24V = 2.6	Cool White = 64.7 Warm White = 60	10
				120/240	120V = 48	120V = 3		
				240V = 28	240V = 3.1	240V = 3.1		

PHOTOMETRIC CURVES



FRONT COVER COLOR

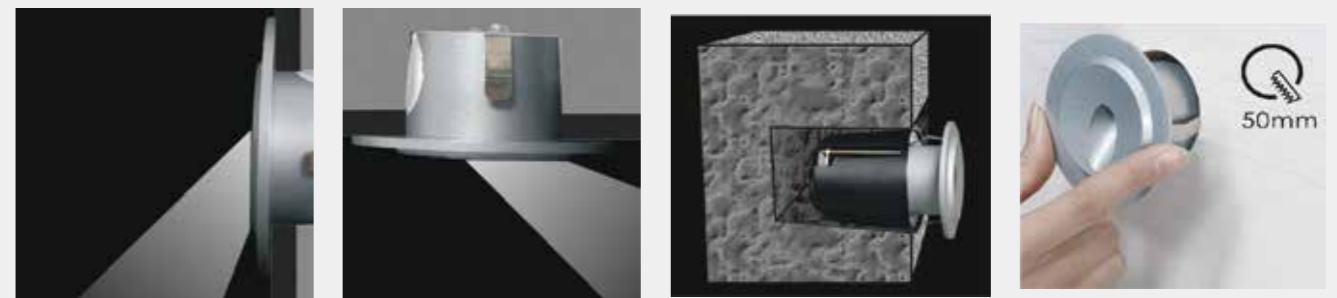


Sanded Brown RAL8019

High Temp silver KAP877U

Sanded Black RAL9005

LIGHTING EFFECT DEMO



Wall recessed

Ceiling recessed

Installation with clips embedded into sleeve, fix on the concrete wall

Installation with clips directly

Asymmetrical Recessed LED Stair Light & Wall Light



LED COLOUR TEMPERATURE

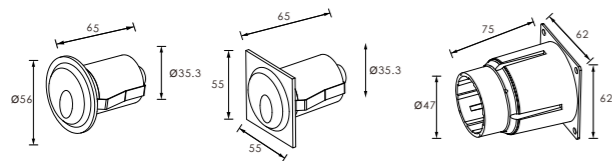
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



B1ACR0102 B1ACS0102 Mounting Sleeve 100#

MATERIAL SPECIFICATIONS

- HOUSING&FRONT COVER** | 12 # Die-casting aluminum T=20-25µm.Adhesion of ISO class 1/ ASTM class 4B high temperature painting
- LIGHT SOURCE** | OSRAM
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.3m(low voltage)
- MOUNTING SLEEVE** | ABS 100 #
- DIMMABLE SURPPORT** | Triac PWM 1-10V Dali

FRONT COVER COLOR



Sanded Brown RAL8019 Sanded Black RAL9005 Silver Resistant Paint RAL9006

LIGHTING EFFECT DEMO

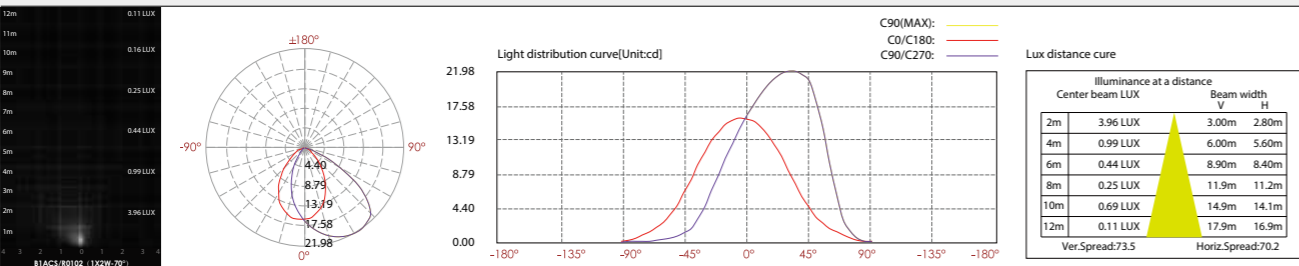


Wall recessed Installation with clips embedded into sleeve,fix on the concrete wall Installation with clips directly

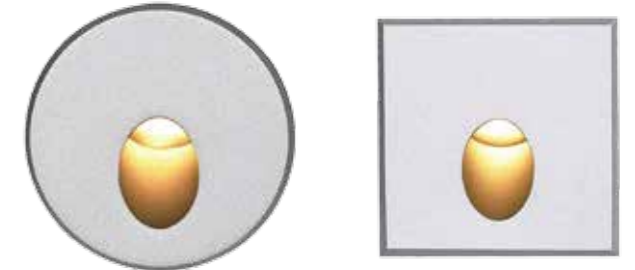
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B1ACR0102	1×2W	L0180C010AR	70°	24V DC	100	2.4	Cool White = 51 Warm White = 46	10
B1ACS0102	1×2W	L0180C010AR	70°	24V DC	100	2.4	Cool White = 51 Warm White = 46	10

PHOTOMETRIC CURVES



Asymmetrical Recessed LED Stair Light & Wall Light



LED COLOUR TEMPERATURE

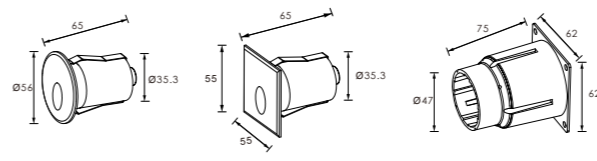
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



B1ADR0102 B1ADS0102 Mounting Sleeve 100#

MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting aluminum T=20-25µm.Adhesion of ISO class 1/ ASTM class 4B high temperature painting
- FRONT COVER** | 12# Die-casting aluminum
- LIGHT SOURCE** | OSRAM
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.3m(low voltage)
- MOUNTING SLEEVE** | ABS 100 #
- DIMMABLE SURPPORT** | Triac PWM 1-10V Dali

FRONT COVER COLOR



Sanded Brown RAL8019 Sanded Black RAL9005 Silver Resistant Paint RAL9006

BEAM EFFECT DEMO

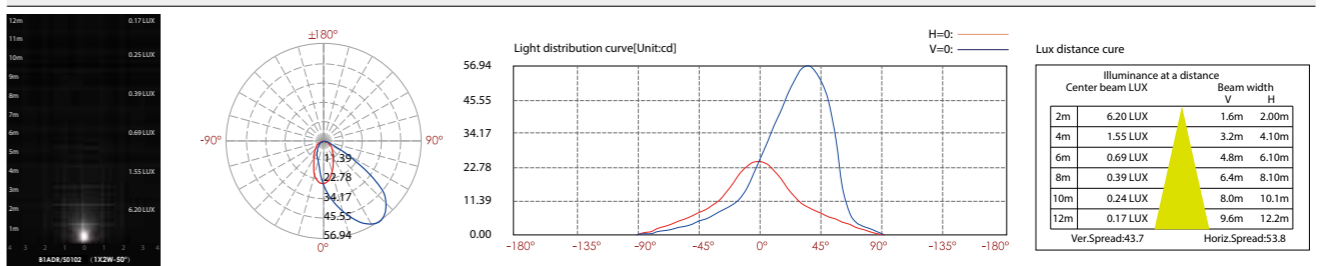


Wall recessed Installation with clips embedded into sleeve,fix on the concrete wall Installation with clips directly

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B1ADR0102	1×2W	L0180C010AR	50°	24V DC	100	2.4	Cool White = 54 Warm White = 49	10
B1ADS0102	1×2W	L0180C010AR	50°	24V DC	100	2.4	Cool White = 54 Warm White = 49	10

PHOTOMETRIC CURVES



Recessed LED Stair Light & Wall Light

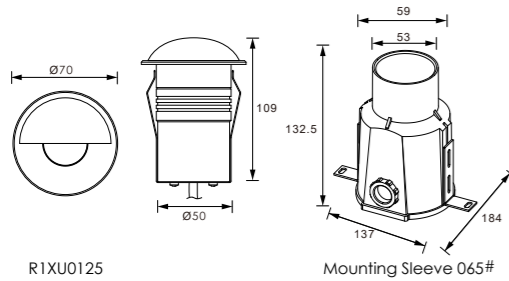
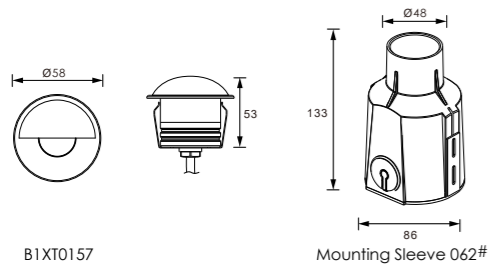
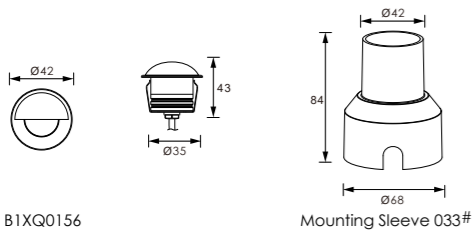


LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

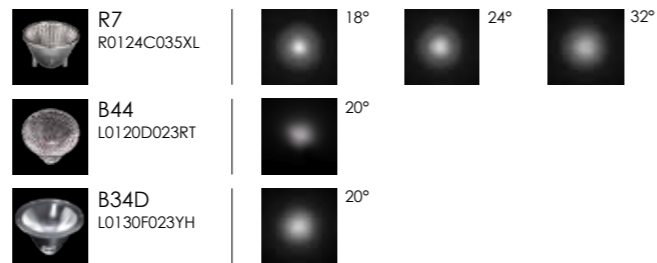
Unit:mm



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(mA)	CONSUMPTION(W)	LUMINANCE(lm)	IK
B1XQ0156	1×1W	B44	40°	24V DC	54	1.3	Cool White = 28 Warm White = 23	10
B1XT0157	1×2W	B34D	22°	24V DC	108	2.6	Cool White = 60 Warm White = 51	10
R1XU0125	1×5W COB	R7	24°	24V DC 120/240	24V = 265 120V = 52 240V = 32	24V = 6.3 120V = 6 240V = 6	Cool White = 237 Warm White = 208	10

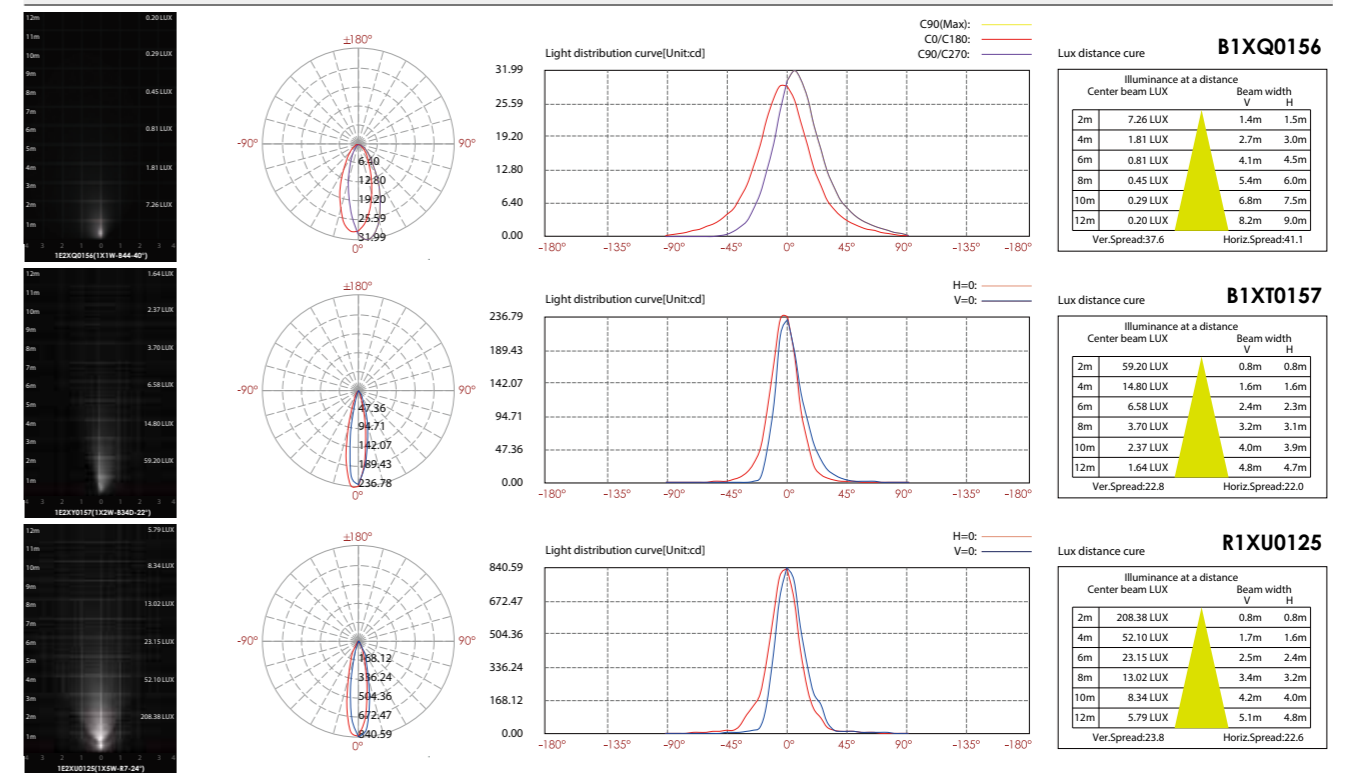
OPTICS



MATERIAL SPECIFICATIONS

- HOUSING&FRONT COVER** | 12 # Die-casting dark grey powder coated aluminum
T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | Step tempered clear glass.T=4mm
- LOADING CAPACITY** | >2000kg
- CABLE GLAND** | IP67 copper and nicked coated
- GASKET** | Molding shaped silicone seal
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.5m(low voltage)
H05RN-F 3X1.0mm2 L=0.5m(High voltage)
- MOUNTING SLEEVE** | ABS 033# 062# 065#
- DIMMABLE SURPPORT** | Triac PWM 1-10V Dali

PHOTOMETRIC CURVES



Recessed LED Soft Beam Stair Light & Wall Light



LED COLOUR TEMPERATURE

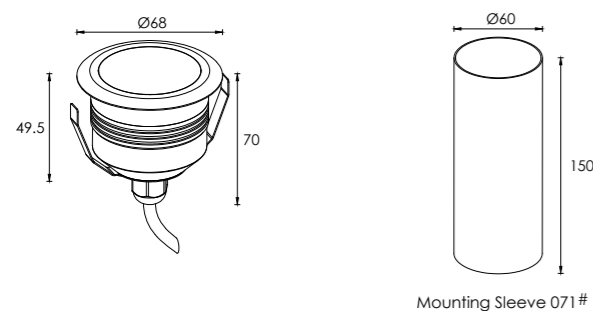
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum
| T=60-80µm Adhesion of ISO class 1/ASTM class 4B
- BEAM WINDOWS** | 50% transmittance PC cover
- WATERPROOF SEAL** | Rubber seal
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.5m(low voltage)
| H05RN-F 3X1.0mm² L=0.5m(high voltage)
- MOUNTING SLEEVE** | ABS 071#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

FRONT COVER COLOR



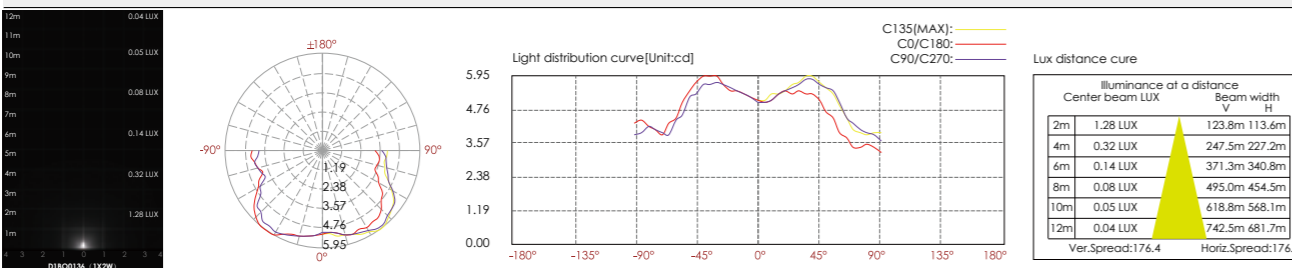
MOUNTING SLEEVE CHARACTERISTIC



TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D1B00136	1×2W	24V DC 120/240	24V = 110 120V = 46 240V = 26	24V = 2.6 120V = 2.8 240V = 3	Cool White = 19 Warm White = 20	09

PHOTOMETRIC CURVES



Recessed LED Wall Recessed Outline Light



LED COLOUR TEMPERATURE

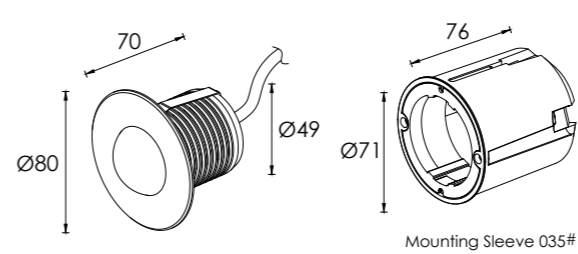
2000K · 3000K · 6000K

OPTICS

N/A

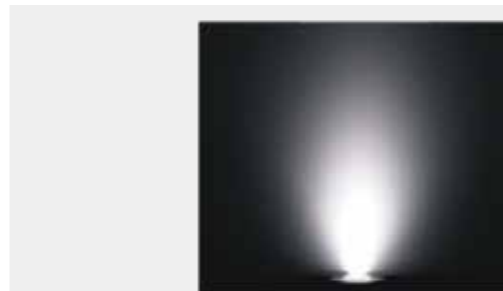
OUTER DIMENSIONS & ACCESSORIES

Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum
| T=60-80µm Adhesion of ISO class 1/ASTM class 4B
- FRONT RING** | Hard chrome-plated Staines steel SUS 316#
- LENS** | Optical Glass
- OPERATING TEMPERATURE** | -20°C~40°C
- WATERPROOF SEAL** | Rubber seal
- MOUNTING SLEEVE** | ABS 035#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali



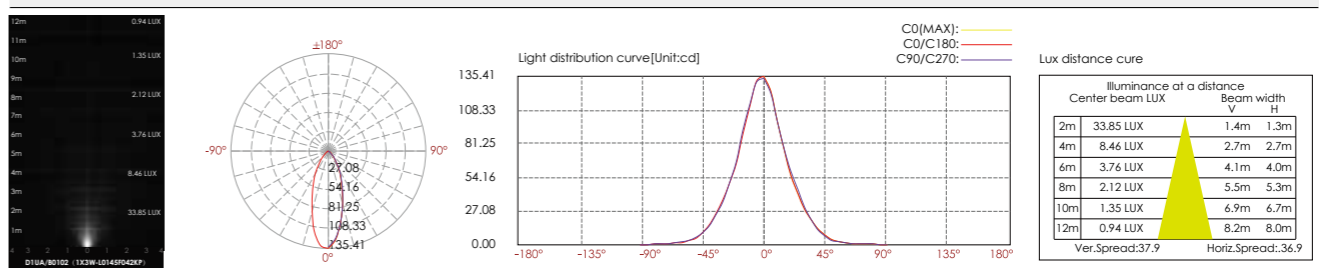
MOUNTING SLEEVE CHARACTERISTIC



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D1UA0102	1×3W	L0145F042KP	45°	24V DC 120/240	24V = 110 120V = 48 240V = 28	24V = 2.6 120V = 3.1 240V = 3	Cool White = 31 Warm White = 27	09

PHOTOMETRIC CURVES



LED RECESSED WALL LIGHT



OPTICS

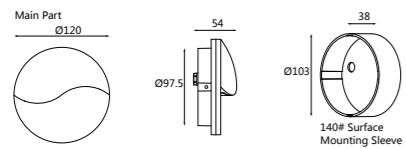
N/A

LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



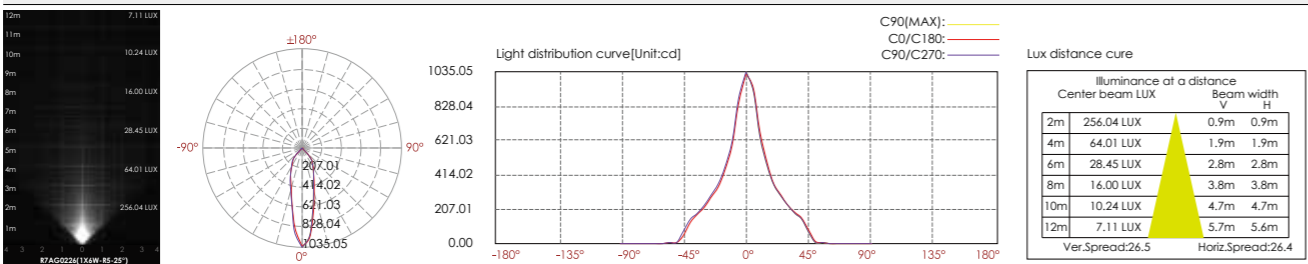
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80µm, Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | PC T=6mm
- GASKET** | Tooling shaped seal
- DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 3×1.0mm² L=0.3m (high voltage)

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
D1AJ0634	6×0.5W NICHIA	97°×49°	240	26	3	36

PHOTOMETRIC CURVES



HOUSING COLOR OPTION

- Basic**
 - Dark Grey KAP 7037
- Secondary**
 - Silver Resistant Paint RAL 9006
 - Sanded Black RAL9005



Recessed mounted by 140# sleeve

LED RECESSED WALL LIGHT

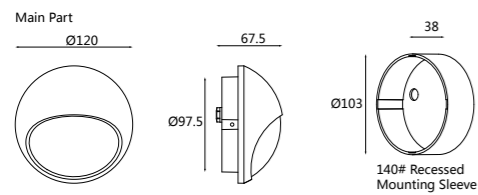


OPTICS
N/A

LED COLOUR TEMPERATURE
2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES Unit:mm

MATERIAL SPECIFICATIONS

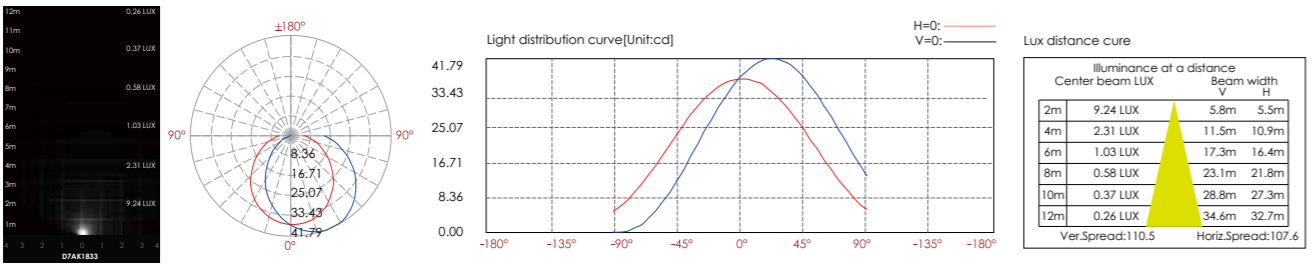


HOUSING | 12# Die-casting dark grey powder coated aluminum
T=60-80µm, Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW | PC T=6mm
GASKET | Tooling shaped seal
DRIVER | Constant Voltage Input, Constant Current Output
OPERATING TEMPERATURE | -20°C~40°C
POWER CABLE | H05RN-F 3×1.0mm² L=0.3m (high voltage)

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
D1AK1833	18×0.15W NICHIA	110°	240	24	3	117

PHOTOMETRIC CURVES



Recessed mounted by 140# sleeve

HOUSING COLOR OPTION

Basic

Secondary



Dark Grey KAP 7037

Silver Resistant Paint RAL 9006

Sanded Black RAL9005

LED RECESSED WALL LIGHT

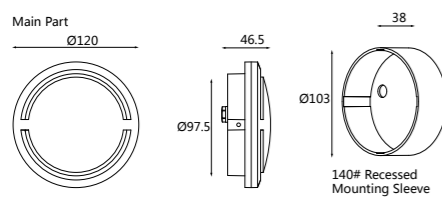


LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



OPTICS

N/A

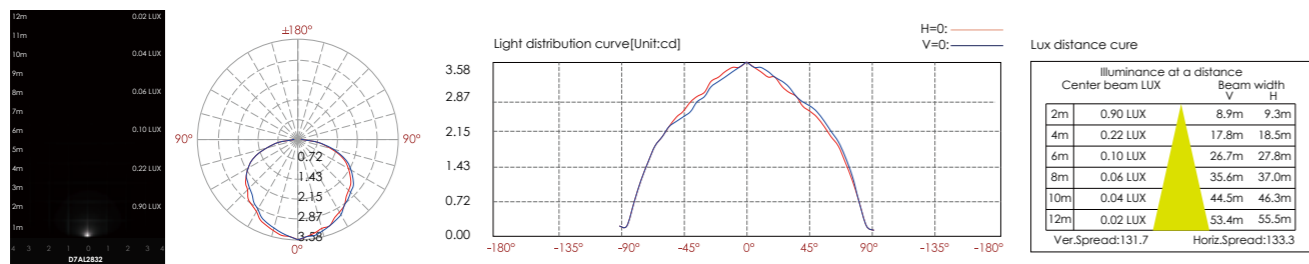
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80µm, Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | PC T=6mm
- GASKET** | Tooling shaped seal
- DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 3×1.0mm² L=0.3m (high voltage)

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
D1A12832	28×0.1W NICHIA	130	240	14	3	12

PHOTOMETRIC CURVES



HOUSING COLOR OPTION

Basic



Dark Grey
KAP 7037

Secondary



Silver Resistant Paint
RAL 9006



Sanded Black
RAL9005



Recessed mounted
by 140# sleeve

Wall Mounting Landscape Light

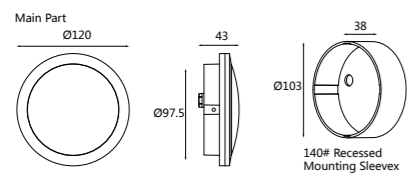


LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



OPTICS

N/A

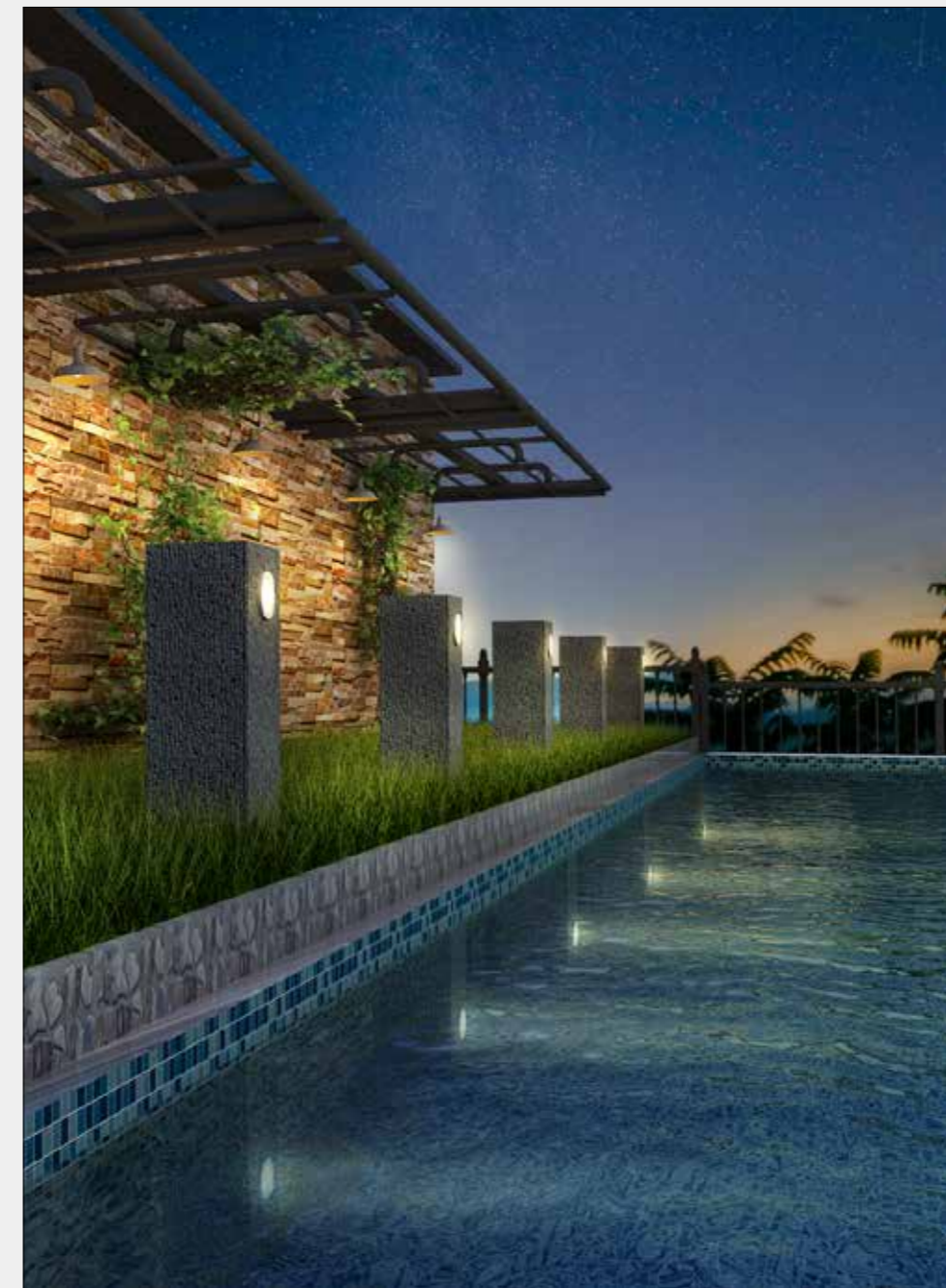
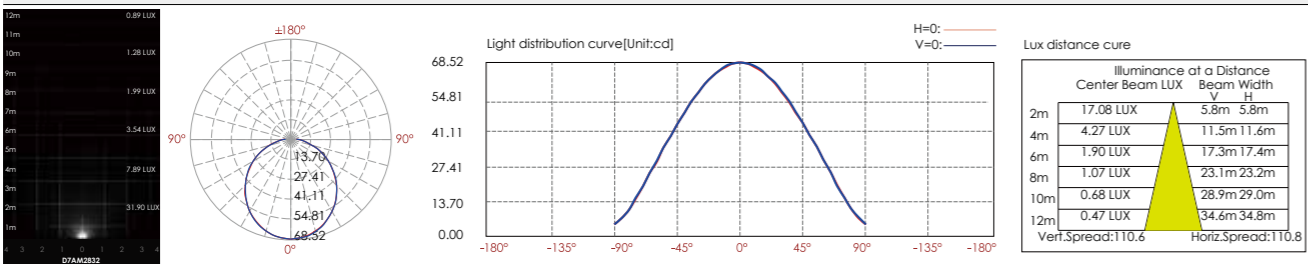
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80µm.Achesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | PC T=6mm
- GASKET** | Tooling shaped seal
- DRIVER** | Constant Voltage Input,Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 3×1.0mm² L=0.3m(high voltage)

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
D1AM2832	28×0.1W NICHIA	110	240	14	3	196

PHOTOMETRIC CURVES



Recessed mounted by 140# sleeve

HOUSING COLOR OPTION

Basic



Dark Grey
KAP 7037

Secondary



Silver Resistant Paint
RAL 9006



Sanded Black
RAL9005

Up Beam Type Mini LED inground light



OPTICS

B15
L0110D016LK 10°
L0115D016LK 15°
L0120D016LK 20°
L0130D016LK 30°

LED COLOUR TEMPERATURE
2000K · 3000K · 6000K

MATERIAL SPECIFICATIONS

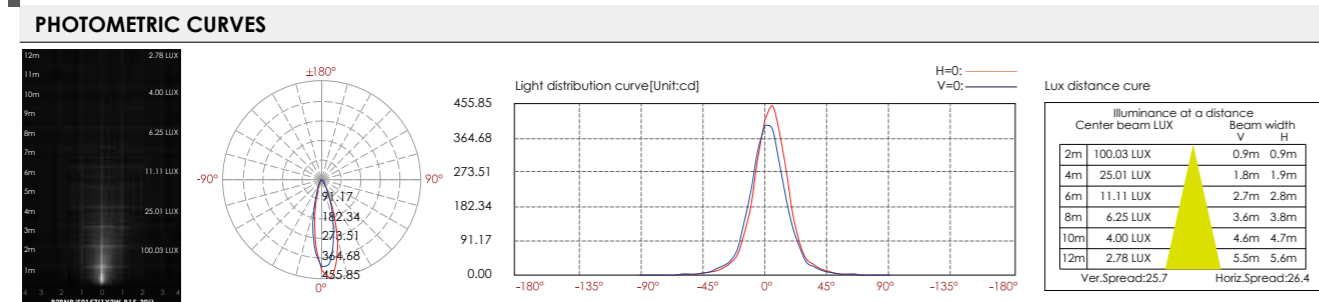
- HOUSING** | Aluminum anodized finishing or powder painting
- FRONT RING** | Hard chromeplated stainless steel SUS 316#
- PMMA** | T=2mm
- CABLE GLAND** | IP67 Nickel coated copper
- GASKET** | Silicone seal
- LENS** | Optical lens, efficiency ≥ 85%
- LED DRIVER** | Constant Current Input
- OPERATING TEMPERATURE** | -20°C ~ 40°C
- POWER CABLE** | H05RN-F 2X0.5mm2 L=0.3m
- MOUNTING SLEEVE** | ABS 104#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

OUTER DIMENSIONS & ACCESSORIES Unit:mm

B2BNS0157 B2BNR0157 104# Mounting sleeve

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B2BNR0157	1×2W	B15	20°	3V DC	500	1.5	Cool White = 148 Warm White = 135	02
B2BNS0157	1×2W	B15	20°	3V DC	500	1.5	Cool White = 148 Warm White = 135	02



Soft Beam Type Mini LED Inground Light



OPTICS
N/A

LED COLOUR TEMPERATURE
2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES Unit:mm

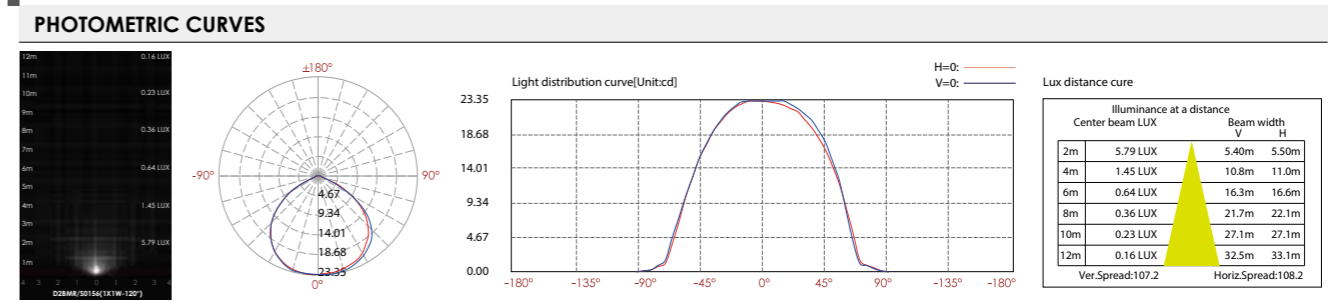
D2BMR0156 D2BMS0156 103# Mounting sleeve

MATERIAL SPECIFICATIONS

- HOUSING** | Aluminum anodized finishing or powder painting
- FRONT RING** | Hard chromeplated stainless steel SUS 316#
- PMMA** | T=2mm
- CABLE GLAND** | IP67 Nickel coated copper
- GASKET** | Silicone seal
- LED DRIVER** | Constant Current Input
- OPERATING TEMPERATURE** | -20°C ~ 40°C
- POWER CABLE** | H05RN-F 2X0.5mm2 L=0.3m
- MOUNTING SLEEVE** | ABS 103#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D2BMR0156	1×1W	—	120°	3V DC	350	1	Cool White = 66 Warm White = 58	02
D2BMS0156	1×1W	—	120°	3V DC	350	1	Cool White = 66 Warm White = 58	02



Diffuser

Tiny Type LED Inground Light

Stainless Steel Front Cover



LED COLOUR TEMPERATURE

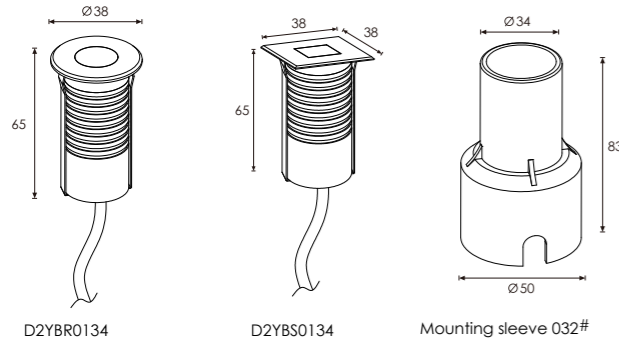
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



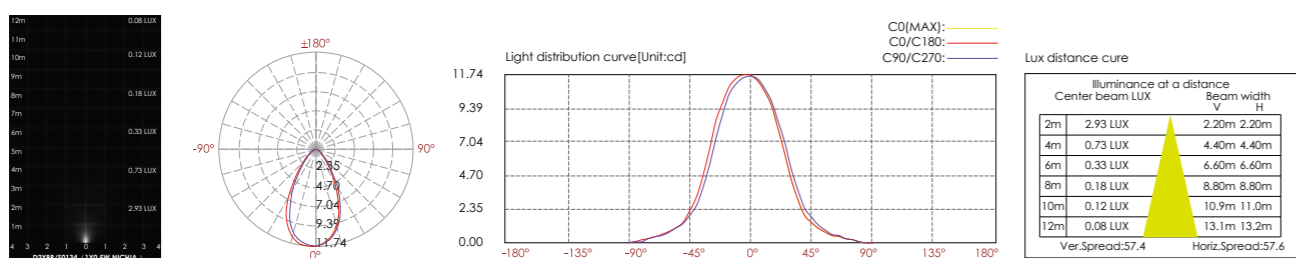
MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting grey powder coated aluminum T=60-80µm Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	Tempered frosted step glass.T=4mm
LED	OSRAM or NICHIA
GLASS PRESSURE CAPACITY	Full area=254kgs
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm2 L=0.5m(low voltage)
MOUNTING SLEEVE	ABS 032#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D2YBR0134	1×0.5W NICHIA	—	—	24V DC	26	0.6	Cool White = 11 Warm White = 9.6	03
D2YBS0134	1×0.5W NICHIA	—	—	24V DC	26	0.6	Cool White = 11 Warm White = 9.6	03

PHOTOMETRIC CURVES



Up light

Tiny Type LED Inground Light

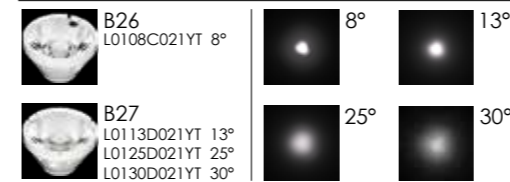
Stainless Steel Front Cover



LED COLOUR TEMPERATURE

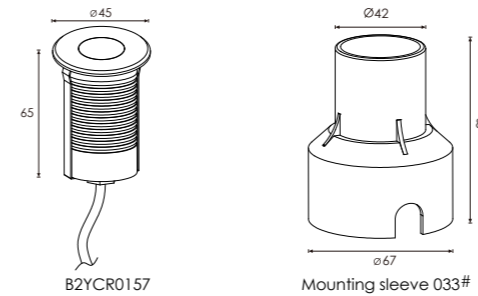
2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



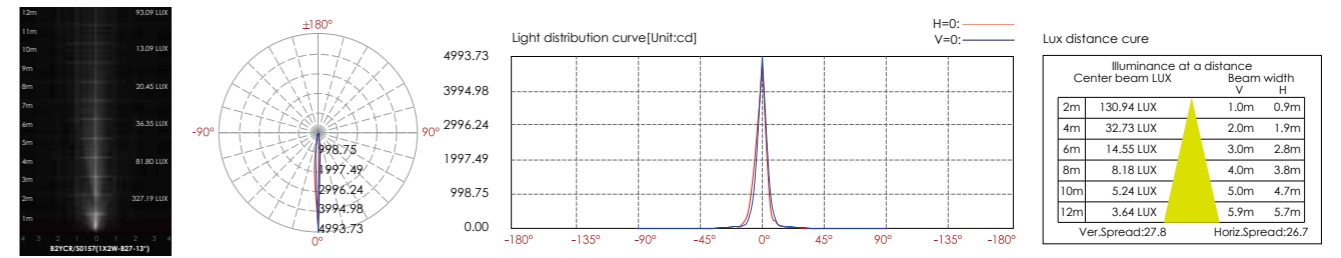
MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting grey powder coated aluminum. T=60-80µm Adhesion of ISO class 1/ASTM class 4B
FRONT COVER	Hard chromeplated Stainless steel SUS 316L#
LIGHT WINDOW	Tempered frosted step glass.T=4mm
LED	OSRAM
GLASS PRESSURE CAPACITY	Full area=254kgs
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm2 L=0.5m(low voltage)
MOUNTING SLEEVE	ABS 033#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B2YCR0157	1×2.0W OSRAM	B27	25°	24V DC	110	2.5	Cool White = 135 Warm White = 120	03

PHOTOMETRIC CURVES



Strong up light Power LED Inground Light

LED COLOUR TEMPERATURE
2000K · 3000K · 6000K

OPTICS

B33(B33D/B33F)
L0109F023YH 9°
L0115D023YH 15°
L0120D023YH 20°
L0130D023YH 30°
L0145D023YH 45°
L0160D023MD 60°

OUTER DIMENSIONS & ACCESSORIES Unit:mm

B2WDR0157 A B2WDS0157 A Mounting sleeve 011#



MATERIAL SPECIFICATIONS

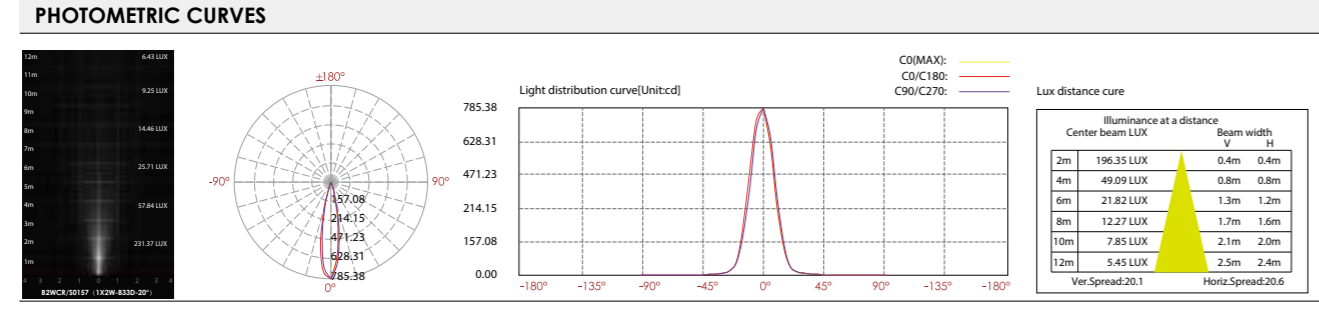
HOUSING	12# Die-casting grey powder coated aluminum, T=60-80µm Adhesion of ISO class 1/ASTM class 4B
FRONT COVER	Hard chromeplated stainless steel SUS 316#
LIGHT WINDOW	Tempered frosted step glass.T=7mm
LED	OSRAM
GLASS PRESSURE CAPACITY	Full area=1704kgs
GASKET	Molding shaped silicone seal
LENS	Optical lens,efficiency≥85%
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm2 L=0.5m(low voltage) H05RN-F 3X1.0mm2 L=0.5m(high voltage)
MOUNTING SLEEVE	ABS 011#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

OPTIONAL HONEYCOMB LOUVER

Mh021
Optional Accessory
Honeycomb_Louder

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B2WDR0157 A	1×2W	B33D	30°	24V DC 120/240	24V=105 120V=47 240V=28	24V=2.5 120V=3.0 240V=3.1	Cool White = 183 Warm White = 143	08
B2WDS0157 A	1×2W	B33D	30°	24V DC 120/240	24V=105 120V=47 240V=28	24V=2.5 120V=3.0 240V=3.1	Cool White = 183 Warm White = 143	08



Asymmetrical Power LED Inground Light

LED COLOUR TEMPERATURE
2000K · 3000K · 6000K

OPTICS

C9
L01 45°
35° F023YH

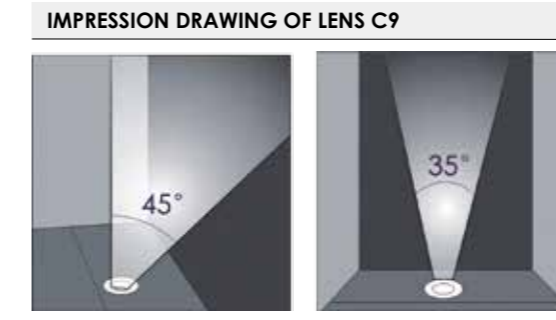
OUTER DIMENSIONS & ACCESSORIES Unit:mm

Mounting sleeve 011#



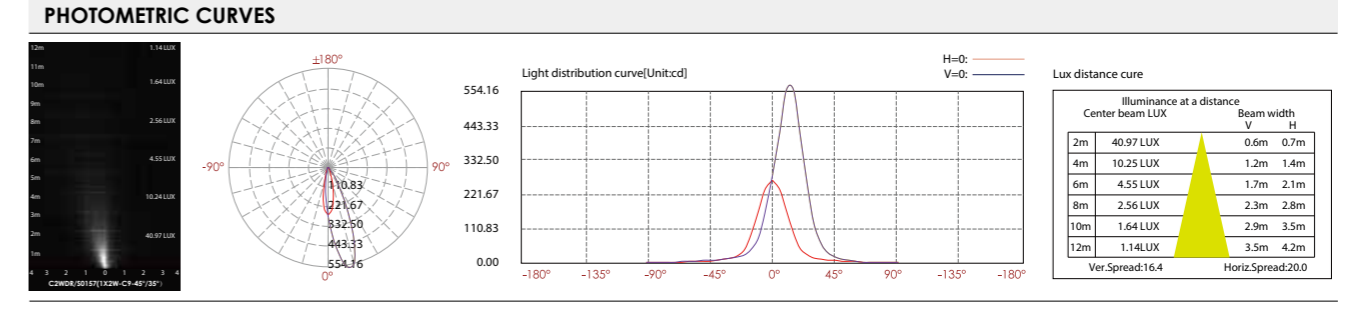
MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting grey powder coated aluminum, T=60-80µm Adhesion of ISO class 1/ASTM class 4B
FRONT COVER	Hard chromeplated stainless steel SUS 316#
LIGHT WINDOW	Tempered frosted step glass.T=7mm
LED	OSRAM
GLASS PRESSURE CAPACITY	Full area=1704kgs
GASKET	Molding shaped silicone seal
LENS	Optical lens,efficiency≥85%
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm2 L=0.5m(low voltage) H05RN-F 3X1.0mm2 L=0.5m(high voltage)
MOUNTING SLEEVE	ABS 011#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
C2WDR0157 A	1×2.0W	C9	45° 35°	24V DC 120/240	24V=105 120V=47 240V=28	24V=2.5 120V=3.0 240V=3.1	Cool White = 158 Warm White = 130	08



Strong up light Small Size LED Inground Light



LED COLOUR TEMPERATURE

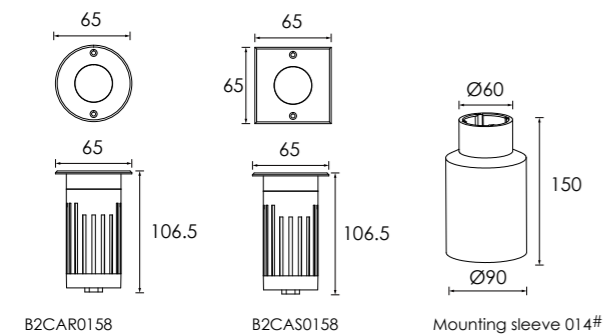
2000K · 3000K · 6000K

OPTICS

B33(B33D/B33F)
 L0109F023YH 9°
 L0115D023YH 15°
 L0120D023YH 20°
 L0130D023YH 30°
 L0145D023YH 45°
 L0160D023MD60°

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



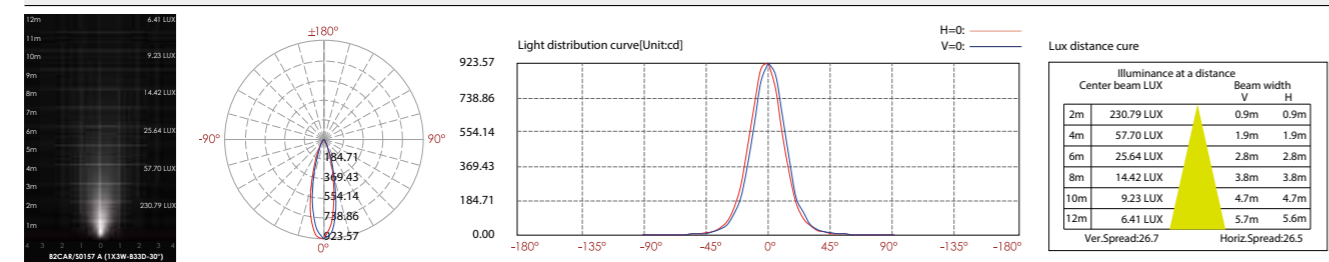
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum. T=60-80µm Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chromeplated stainless steel SUS 316#
- LIGHT WINDOW** | Tempered frosted step glass.T=5mm
- LED** | NICHIA
- GLASS PRESSURE CAPACITY** | Full area=783kgs
- GASKET** | Molding shaped silicone seal
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.5m(low voltage)
H05RN-F 3X1.0mm² L=0.5m(high voltage)
- MOUNTING SLEEVE** | ABS 014#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

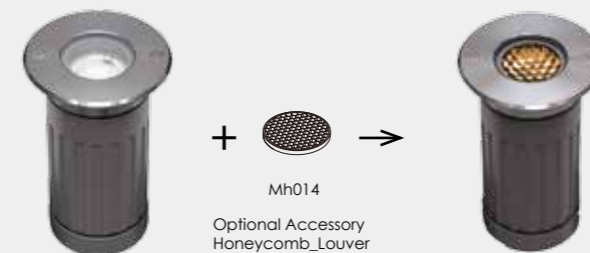
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B2CAR0158	1×3W	B33D	30°	24V DC 120/240	24V=187 120V=36 240V=22	24V=4.5 120V=4.3 240V=4.3	Cool White = 305 Warm White =267	08
B2CAS0158	1×3W	B33D	30°	24V DC 120/240	24V=187 120V=36 240V=22	24V=4.5 120V=4.3 240V=4.3	Cool White = 305 Warm White = 267	08

PHOTOMETRIC CURVES



OPTIONAL HONEYCOMB LOUVER

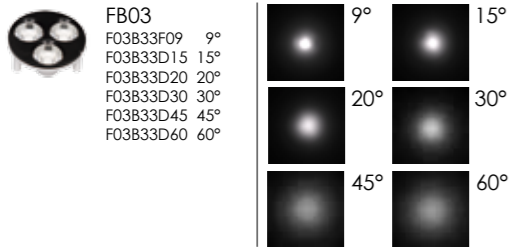


Symmetrical Power LED Inground Light

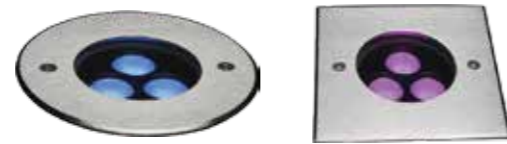
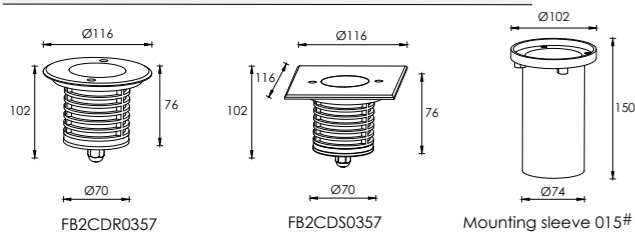
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS



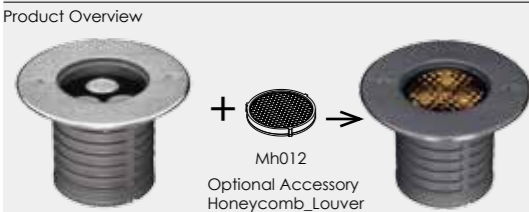
OUTER DIMENSIONS & ACCESSORIES



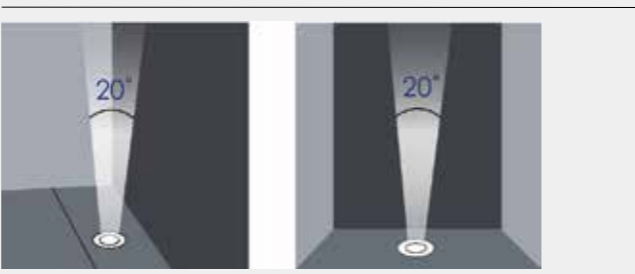
MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting grey powder coated aluminum. T=60-80µm Adhesion of ISO class 1/ASTM class 4B
FRONT RING	Hard chromeplated stainless steel SUS 316L#
LIGHT WINDOW	Tempered frosted step glass.T=8mm
LED	OSRAM
GLASS PRESSURE CAPACITY	Full area=2578kgs
CABLE GLAND	IP68 PG-9 PA66
PCB	Excellent heat conductivity aluminum, coefficient of heat Conductivity≥2.0w/mk
LENS	Optical lens,efficiency≥85%
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm ² L=0.5m(low voltage) H05RN-F 3X1.0mm ² L=0.5m(high voltage)
MOUNTING SLEEVE	ABS 015#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

OPTIONAL HONEYCOMB LOUVER



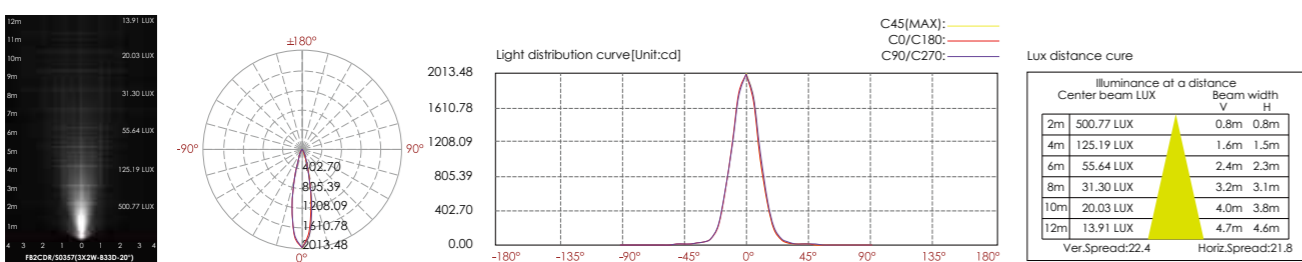
IMPRESSION DRAWING OF LENS FB03



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FB2CDR0357	3×2W	FB03	20°	24V DC	24V=206	24V=5.2	Cool White = 479	08
				120V/240	120V=51	120V=6.0	Warm White = 376	
				240V=30	240V=6.0			
FB2CDS0357	3×2W	FB03	20°	24V DC	24V=206	24V=5.2	Cool White = 479	08
				120V/240	120V=51	120V=6.0	Warm White = 376	
				240V=30	240V=6.0			

PHOTOMETRIC CURVES

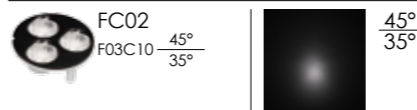


Asymmetrical Power LED Inground Light

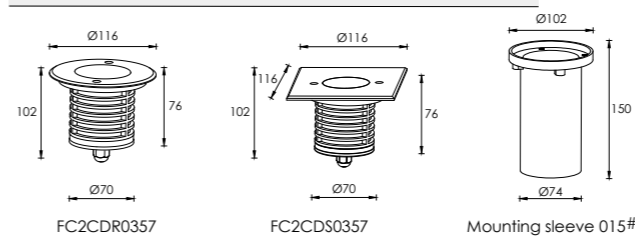
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS



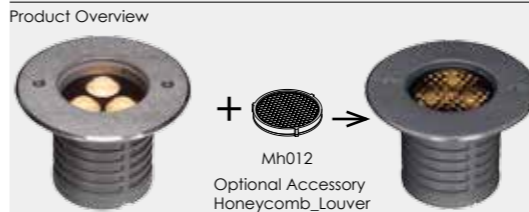
OUTER DIMENSIONS & ACCESSORIES



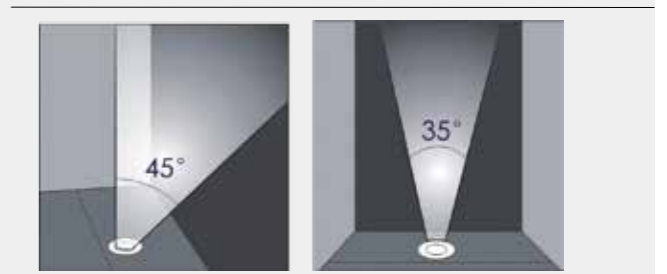
MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting grey powder coated aluminum. T=60-80µm Adhesion of ISO class 1/ASTM class 4B
FRONT RING	Hard chromeplated stainless steel SUS 316L#
LIGHT WINDOW	Tempered frosted step glass.T=8mm
LED	OSRAM
GLASS PRESSURE CAPACITY	Full area=2578kgs
CABLE GLAND	IP68 PG-9 PA66
PCB	Excellent heat conductivity aluminum, coefficient of heat Conductivity≥2.0w/mk
LENS	Optical lens,efficiency≥85%
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm ² L=0.5m(low voltage) H05RN-F 3X1.0mm ² L=0.5m(high voltage)
MOUNTING SLEEVE	ABS 015#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

OPTIONAL HONEYCOMB LOUVER



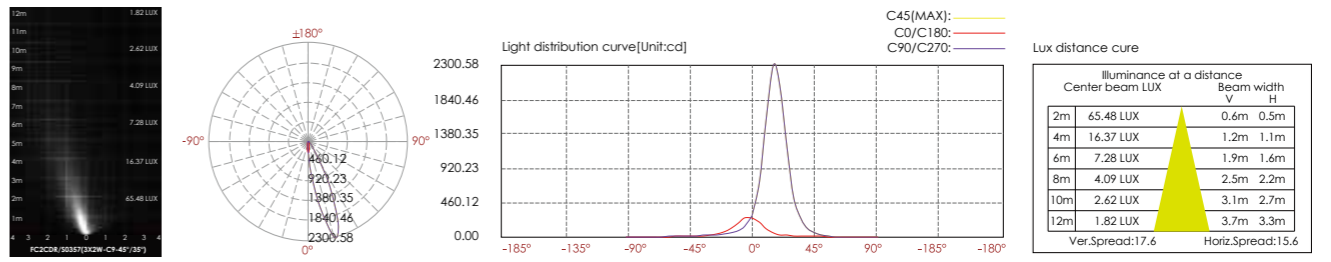
IMPRESSION DRAWING OF LENS FC02



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FC2CDR0357	3×2W	FC02	45°/35°	24V DC	24V=206	24V=5.2	Cool White = 398	08
				120V/240	120V=51	120V=6.0	Warm White = 359	
				240V=30	240V=6.0			
FC2CDS0357	3×2W	FC02	45°/35°	24V DC	24V=206	24V=5.2	Cool White = 398	08
				120V/240	120V=51	120V=6.0	Warm White = 359	
				240V=30	240V=6.0			

PHOTOMETRIC CURVES

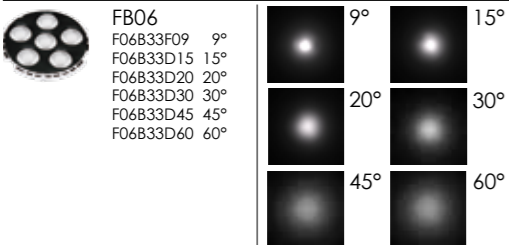


Symmetrical LED Up Light/Inground Light

LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

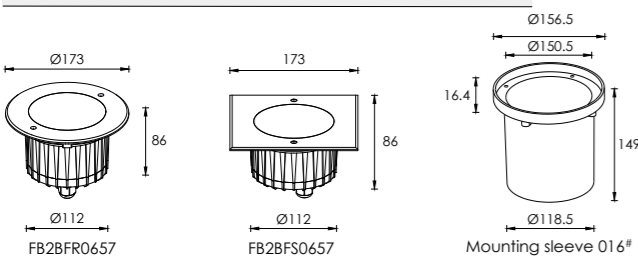
OPTICS



MATERIAL SPECIFICATIONS

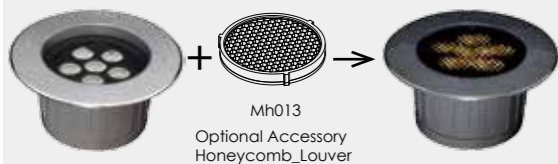
HOUSING	12# Die-casting grey powder coated aluminum. T=60-80µm Adhesion of ISO class 1/ASTM class 4B
FRONT RING	Hard chromeplated stainless steel SUS 316L#
LIGHT WINDOW	Tempered frosted step glass.T=8mm
GLASS PRESSURE CAPACITY	Full area=2274kgs
CABLE GLAND	IP68 PG-9 PA66
GASKET	Molding shaped silicone seal
LED	OSRAM
LENS	Optical lens.efficiency≥85%
LED DRIVER	Constant Voltage Input,Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H07RN-F 2X1.0mm2 L=0.5m(low voltage) H07RN-F 3X1.0mm2 L=0.5m(high voltage)
MOUNTING SLEEVE	ABS 016#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

OUTER DIMENSIONS & ACCESSORIES

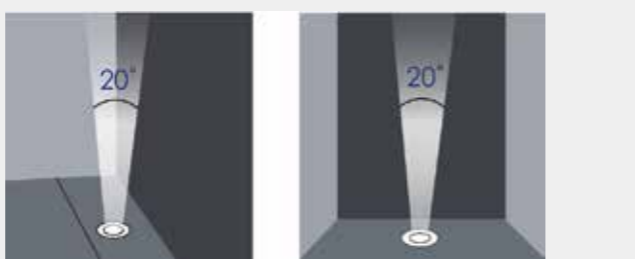


OPTIONAL HONEYCOMB LOUVER

Product Overview



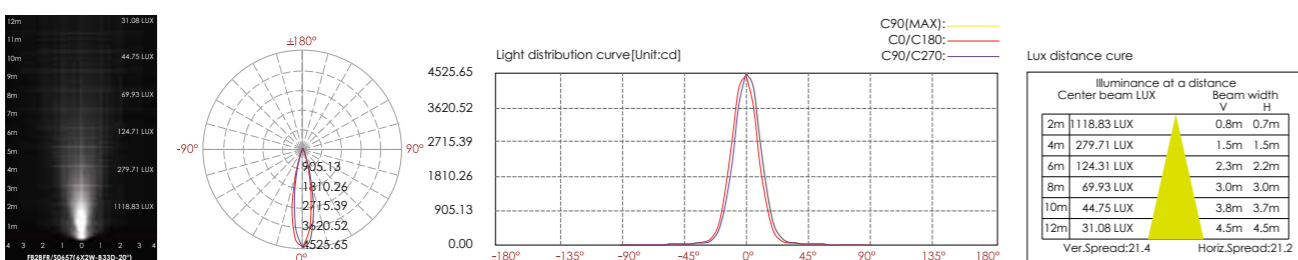
IMPRESSION DRAWING OF LENS FB06



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FB2BFR0657	6×2W	FB06	20°	24V DC	24V=526	24V=13.5	Cool White = 956	07
				120V/240	120V=100	120V=11.8	Warm White = 783	
				240V=56	240V=12.4	240V=12.4		
FB2BFS0657	6×2W	FB06	20°	24V DC	24V=562	24V=13.5	Cool White = 956	07
				120V/240	120V=100	120V=11.8	Warm White = 783	
				240V=56	240V=12.4	240V=12.4		

PHOTOMETRIC CURVES

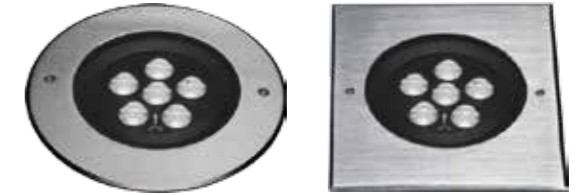
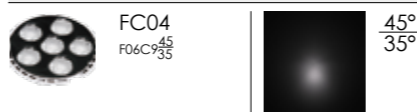


Asymmetrical LED Up Light/Inground Light

LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS

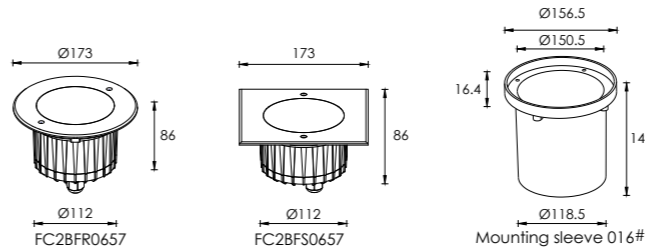


MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting grey powder coated aluminum. T=60-80µm Adhesion of ISO class 1/ASTM class 4B
FRONT RING	Hard chromeplated stainless steel SUS 316L#
LIGHT WINDOW	Tempered frosted step glass.T=8mm
GLASS PRESSURE CAPACITY	Full area=2871kgs
CABLE GLAND	IP68 PG-9 PA66
GASKET	Molding shaped silicone seal
LED	OSRAM
LENS	Optical lens.efficiency≥85%
LED DRIVER	Constant Voltage Input,Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H07RN-F 2X1.0mm2 L=0.5m(low voltage) H07RN-F 3X1.0mm2 L=0.5m(high voltage)
MOUNTING SLEEVE	ABS 016#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

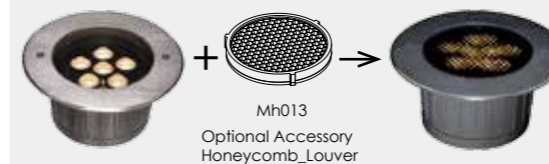
OUTER DIMENSIONS & ACCESSORIES

Unit:mm



OPTIONAL HONEYCOMB LOUVER

Product Overview



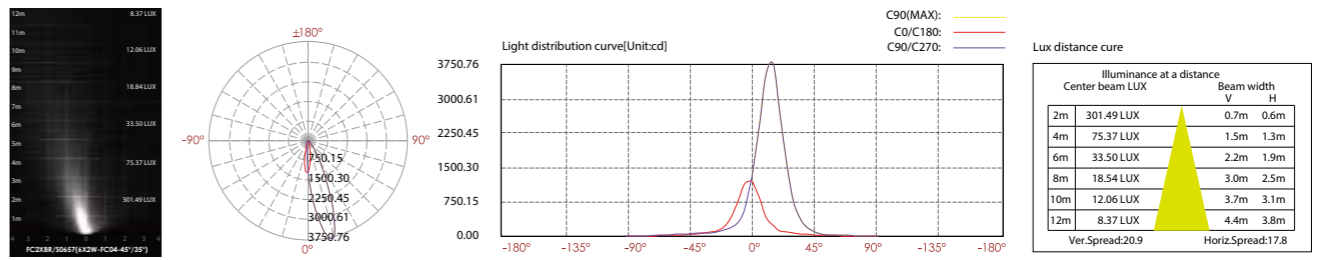
IMPRESSION DRAWING OF LENS FC04



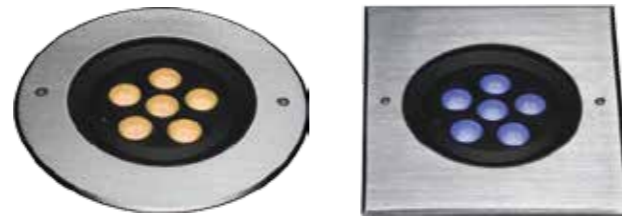
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FC2BFR0657	6×2W	FC04	45°/35°	24V DC	24V=526	24V=13.5	Cool White = 944	07
				120V/240	120V=100	120V=11.8	Warm White = 709	
				240V=56	240V=12.4	240V=12.4		
FC2BFS0657	6×2W	FC04	45°/35°	24V DC	24V=562	24V=13.5	Cool White = 944	07
				120V/240	120V=100	120V=11.8	Warm White = 709	
				240V=56	240V=12.4	240V=12.4		

PHOTOMETRIC CURVES



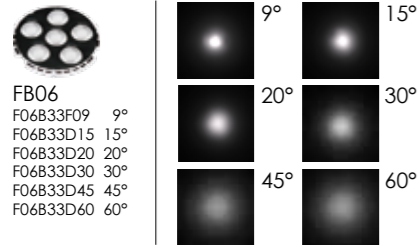
Symmetrical 20W High Luminance LED Inground Light



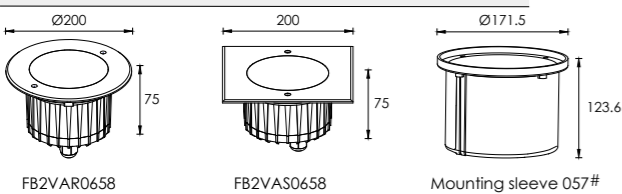
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

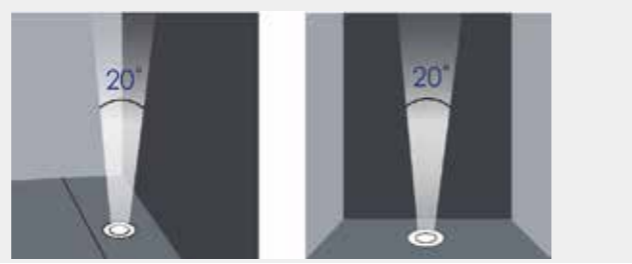


MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting grey powder coated aluminum. T=60-80µm Adhesion of ISO class 1/ASTM class 4B
FRONT RING	Hard chromeplated stainless steel SUS 316L#
LIGHT WINDOW	Tempered frosted step glass.T=8mm
GLASS PRESSURE CAPACITY	Full area=3489kgs
CABLE GLAND	IP68 PG-9 PA66
GASKET	Silicone seal
LED	NICHIA
LENS	Optical lens.efficiency≥85%
LED DRIVER	Constant Voltage Input,Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm2 L=0.5m(low voltage) H05RN-F 3X1.0mm2 L=0.5m(high voltage)
MOUNTING SLEEVE	ABS 057#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali



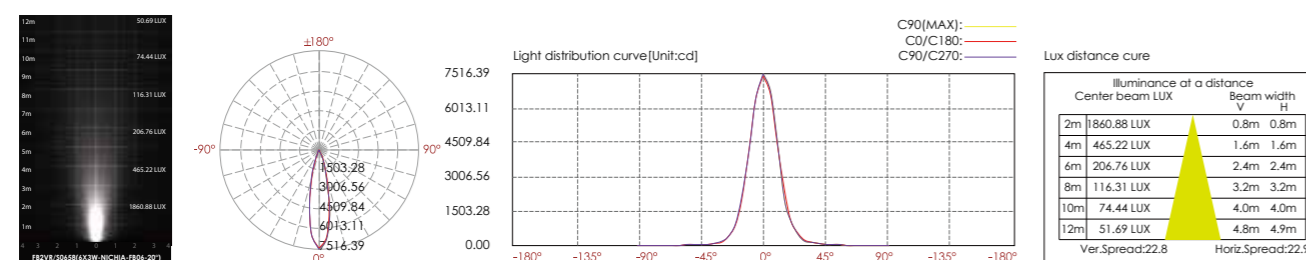
IMPRESSION DRAWING OF LENS FB06



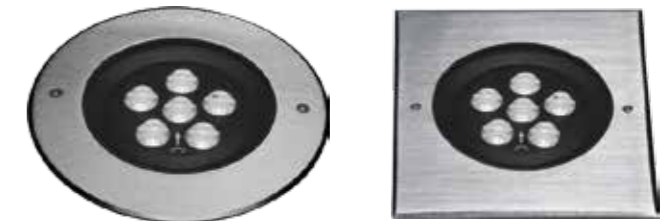
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FB2VAR0658	6×3W	FB06	20°	24V DC	24V=850	24V=20.4	Cool White = 1866	09
				120V/240	120V=156	120V=18.6	Warm White = 1605	
				240V=84	240V=18.8	240V=18.8		
FB2VAS0658	6×3W	FB06	20°	24V DC	24V=850	24V=20.4	Cool White = 1866	09
				120V/240	120V=156	120V=18.6	Warm White = 1605	
				240V=84	240V=18.8	240V=18.8		

PHOTOMETRIC CURVES



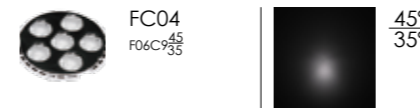
Asymmetrical 20W High Luminance LED Inground Light



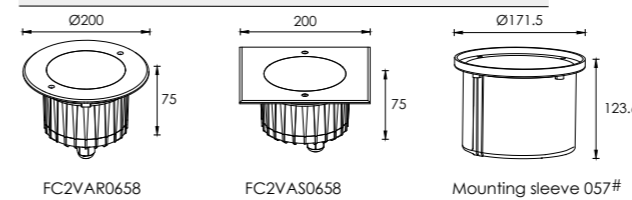
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

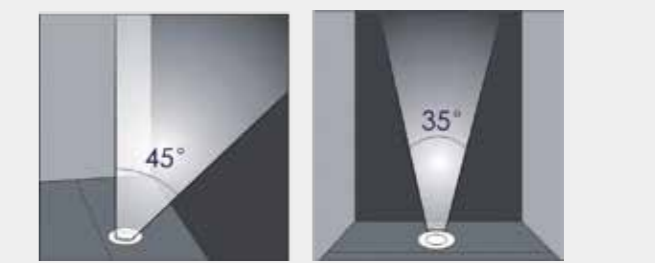


MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting grey powder coated aluminum. T=60-80µm Adhesion of ISO class 1/ASTM class 4B
FRONT RING	Hard chromeplated stainless steel SUS 316L#
LIGHT WINDOW	Tempered frosted step glass.T=8mm
GLASS PRESSURE CAPACITY	Full area=3489kgs
CABLE GLAND	IP68 PG-9 PA66
GASKET	Silicone seal
LED	NICHIA
LENS	Optical lens.efficiency≥85%
LED DRIVER	Constant Voltage Input,Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm2 L=0.5m(low voltage) H05RN-F 3X1.0mm2 L=0.5m(high voltage)
MOUNTING SLEEVE	ABS 057#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali



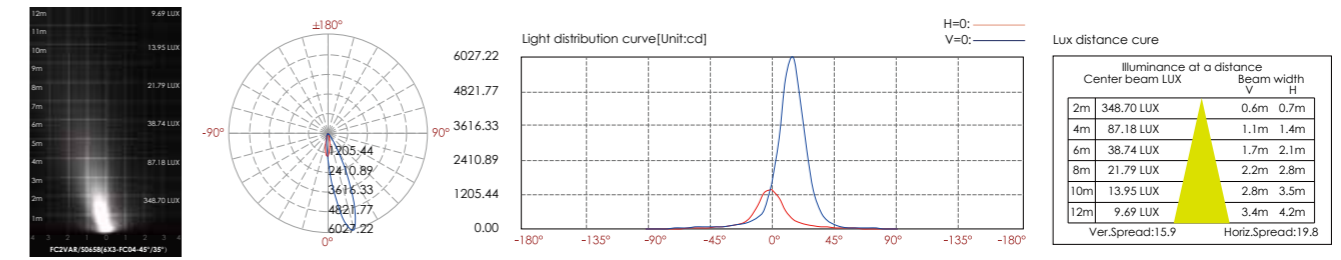
IMPRESSION DRAWING OF LENS FC04



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FC2VAR0658	6×3W	FC04	45°/35°	24V DC	24V=850	24V=20.4	Cool White = 1543	09
				120V/240	120V=160	120V=18.6	Warm White = 1307	
				240V=89	240V=18.8	240V=18.8		
FC2VAS0658	6×3W	FC04	45°/35°	24V DC	24V=850	24V=20.4	Cool White = 1543	09
				120V/240	120V=160	120V=18.6	Warm White = 1307	
				240V=89	240V=18.8	240V=18.8		

PHOTOMETRIC CURVES



Depth Illuminant Series

Depth Illuminant LED Inground Light

LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS



B33(B33D/B33F)

- L0109F023YH 9°
- L0115D023YH 15°
- L0120D023YH 20°
- L0130D023YH 30°
- L0145D023YH 45°
- L0160D023MD 60°



9°(B33F)



20°



45°



15°



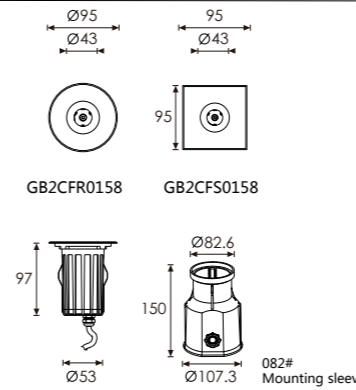
30°



60°

OUTER DIMENSIONS & ACCESSORIES

Unit:mm

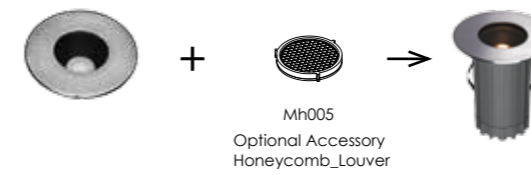


MATERIAL SPECIFICATIONS

HOUSING	12# die-casting grey powder coated aluminum . T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
FRONT COVER	Hard chromeplated stainless steel SUS 316L#
GLASS	Step tempered glass.T=6mm
REFLECTOR	Optical Reflector efficiency≅90%
LED	Osram SMD3030
GLASS PRESSURE CAPACITY	Full Area=1195kgs
CABLE GLAND	IP68 PG-9 PA66
GASKET	Molding shaped seal
LED DRIVER	Constant Voltage Input,Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm ² L=0.5m (low voltage) H05RN-F 3X1.0mm L=0.5m (high voltage)
MOUNTING SLEEVE	ABS
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

OPTIONAL HONEYCOMB LOUVER

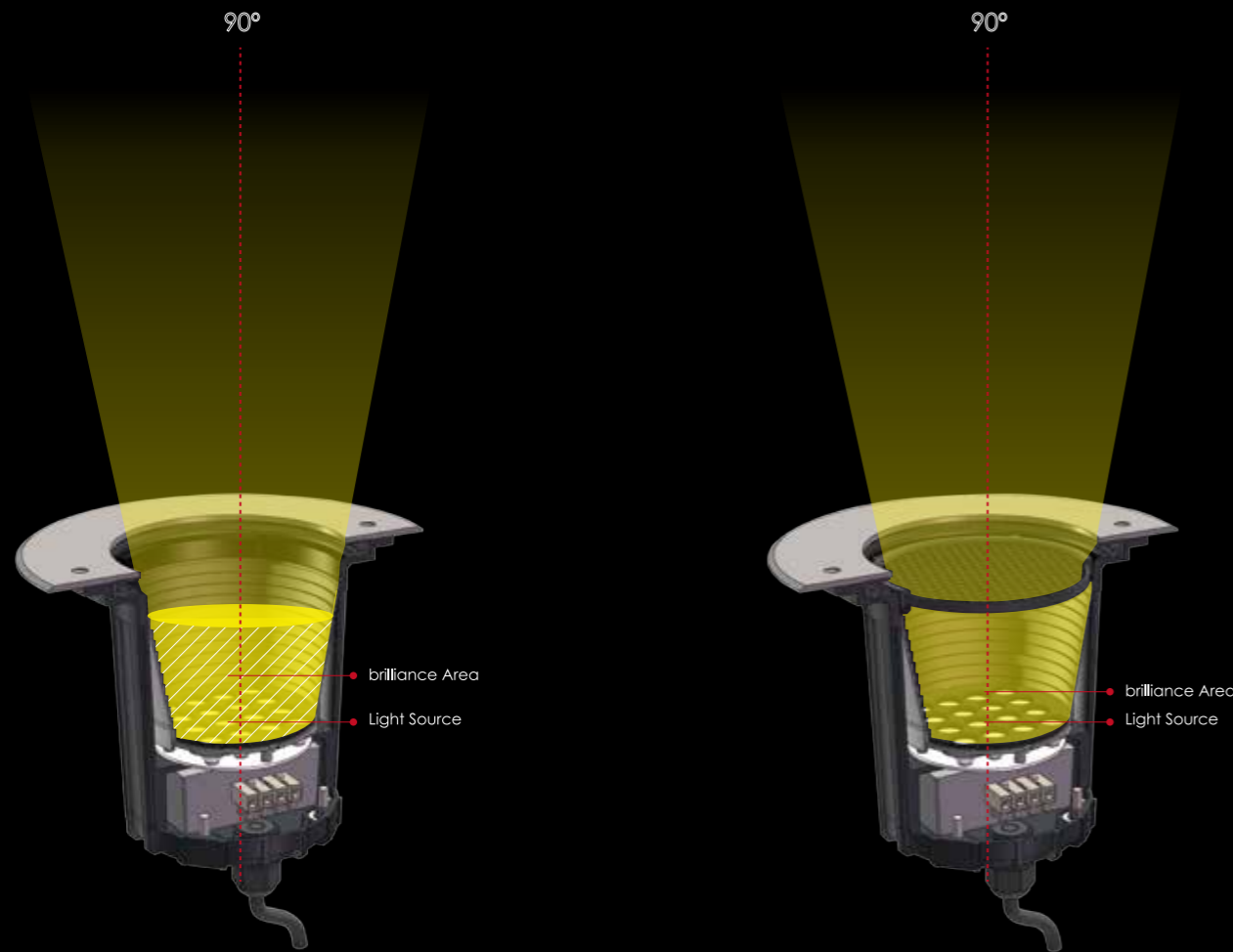
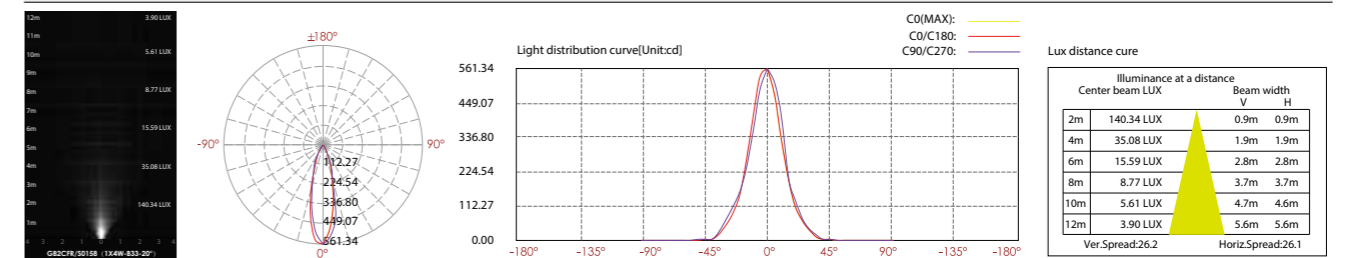
Product Overview



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
○ GB2CFR0158	1×4W	B33D	20°	24V DC	24V=131	24V=3.10	Cool White =230 Warm White =200	09
□ GB2CFS0158				120/240	120V=36 240V=22	120V=4.30 240V=4.10		

PHOTOMETRIC CURVES

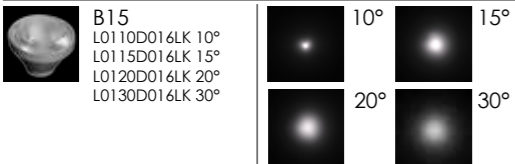


Depth Illuminant LED Inground Light

LED COLOUR TEMPERATURE

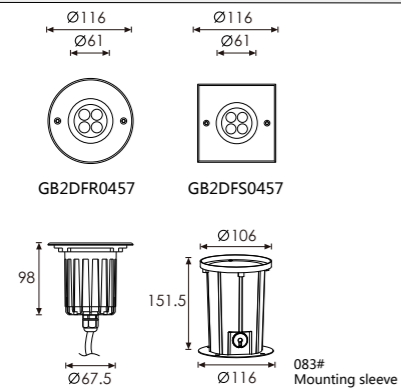
2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm

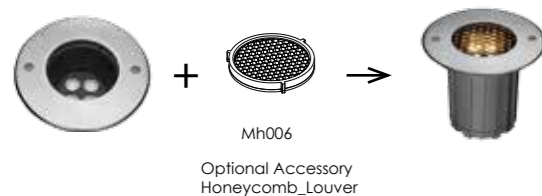


MATERIAL SPECIFICATIONS

HOUSING	12# die-casting grey powder coated aluminum . T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
FRONT COVER	Hard chromeplated stainless steel SUS 316L#
GLASS	Step tempered glass.T=8mm
REFLECTOR	Optical Reflector efficiency=90%
LED	Osram SMD3030
GLASS PRESSURE CAPACITY	Full Area=2526kgs
CABLE GLAND	IP68 PG-11 PA66
GASKET	Molding shaped seal
LED DRIVER	Constant Voltage Input,Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H07RN-F 2X1.0mm ² L=0.5m (low voltage) H07RN-F 3X1.0mm ² L=0.5m (high voltage)
MOUNTING SLEEVE	ABS
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

OPTIONAL HONEYCOMB LOUVER

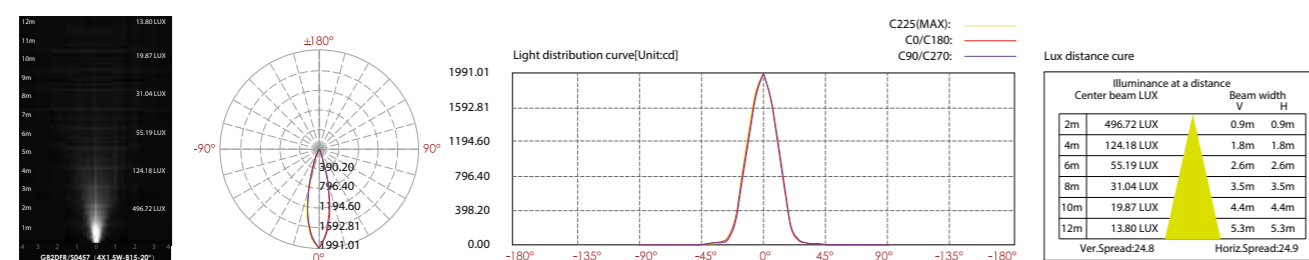
Product Overview



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
○ GB2DFR0457	4×2W	B15	20°	24V DC	24V=270	24V=6.50	Cool White =600	09
□ GB2DFS0457				120V/240	120V=69 240V=38	120V=7.60 240V=7.50	Warm White =488	

PHOTOMETRIC CURVES

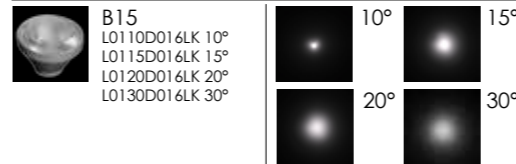


Depth Illuminant LED Inground Light

LED COLOUR TEMPERATURE

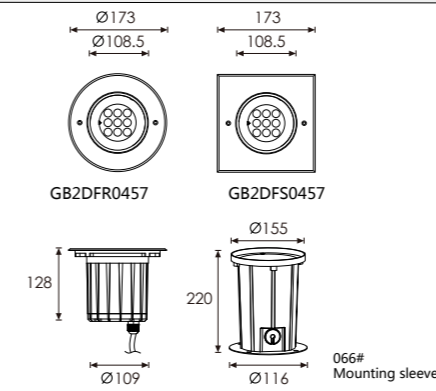
2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm

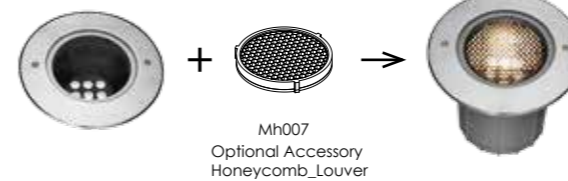


MATERIAL SPECIFICATIONS

HOUSING	12# die-casting grey powder coated aluminum . T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
FRONT COVER	Hard chromeplated stainless steel SUS 316L#
GLASS	Step tempered glass.T=8mm
REFLECTOR	Optical Reflector efficiency=90%
LED	Osram SMD3030
GLASS PRESSURE CAPACITY	Full Area=2500kgs
CABLE GLAND	IP68 PG-11 PA66
GASKET	Molding shaped seal
LED DRIVER	Constant Voltage Input,Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H07RN-F 2X1.0mm ² L=0.5m (low voltage) H07RN-F 3X1.0mm ² L=0.5m (high voltage)
MOUNTING SLEEVE	ABS
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

OPTIONAL HONEYCOMB LOUVER

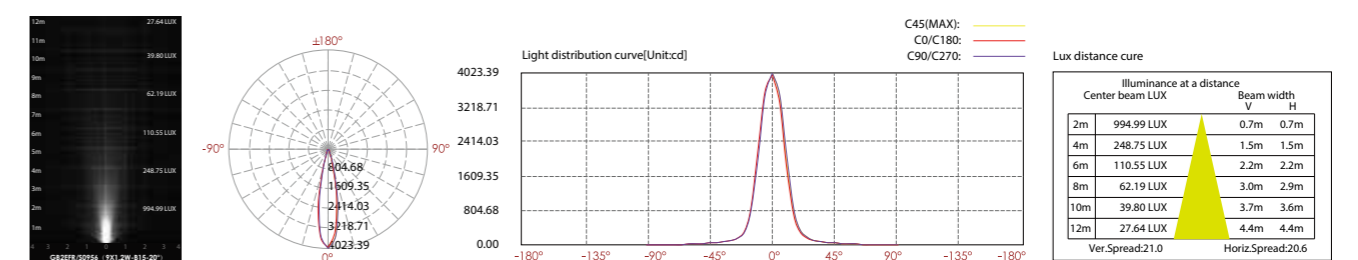
Product Overview



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
○ GB2EFR0956	9×1.2W	B15	20°	24V DC	24V=521	24V=12.5	Cool White =1003	10
□ GB2EFS0956				120V/240	120V=122 240V=64	120V=13.2 240V=13.2	Warm White =790	

PHOTOMETRIC CURVES



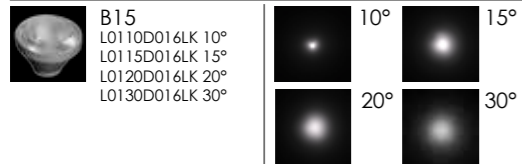
Depth Illuminant LED Inground Light



LED COLOUR TEMPERATURE

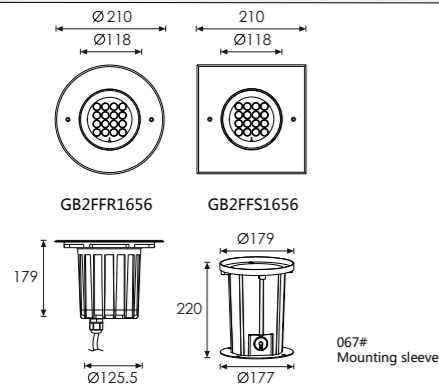
2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm

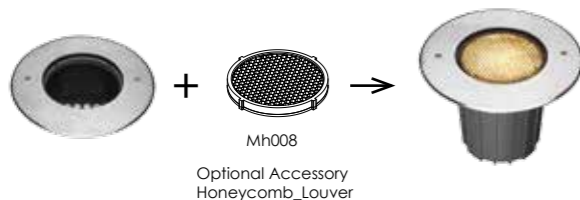


MATERIAL SPECIFICATIONS

HOUSING	12# die-casting grey powder coated aluminum . T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
FRONT COVER	Hard chromeplated stainless steel SUS 316L#
GLASS	Step tempered glass.T=10mm
REFLECTOR	Optical Reflector efficiency=90%
LED	Osram SMD3030
GLASS PRESSURE CAPACITY	Full Area=2961kgs
CABLE GLAND	IP68 PG-11 PA66
GASKET	Molding shaped seal
LED DRIVER	Constant Voltage Input,Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H07RN-F 2X1.0mm ² L=0.5m (low voltage) H07RN-F 3X1.0mm ² L=0.5m (high voltage)
MOUNTING SLEEVE	ABS 067#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

OPTIONAL HONEYCOMB LOUVER

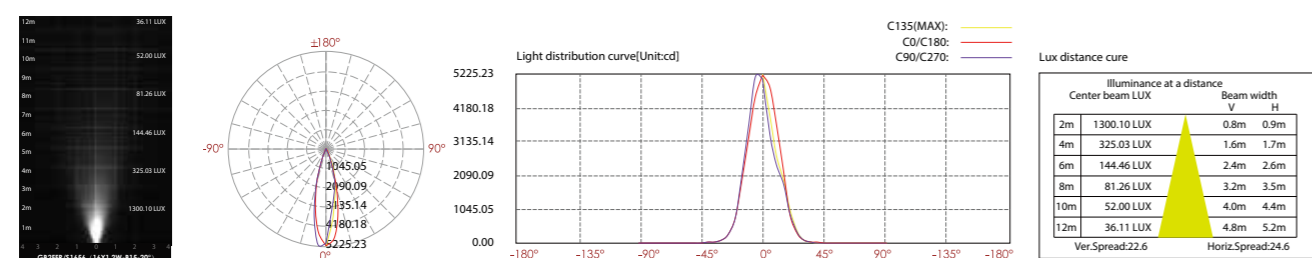
Product Overview



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
○ GB2FFR1656	16x1.2W	B15	20°	24V DC	24V=830	24V=20	Cool White =1215 Warm White =1155	10
□ GB2FFS1656				120/240	120V=166 240V=84	120V=19 240V=18.5		

PHOTOMETRIC CURVES



Depth Illuminant LED Inground Light



LED COLOUR TEMPERATURE

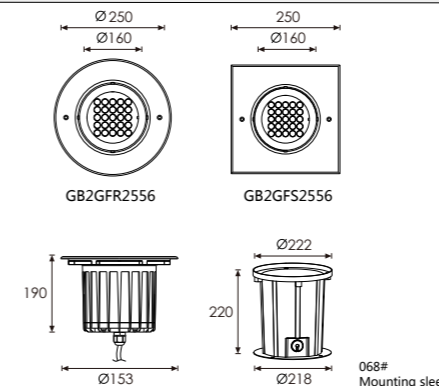
2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm

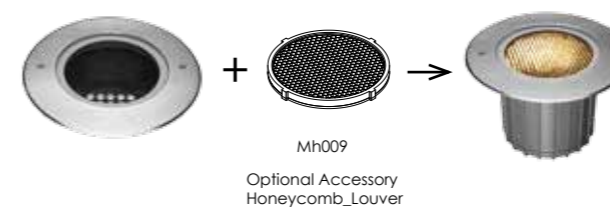


MATERIAL SPECIFICATIONS

HOUSING	12# die-casting grey powder coated aluminum . T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
FRONT COVER	Hard chromeplated stainless steel SUS 316L#
GLASS	Step tempered glass.T=10mm
REFLECTOR	Optical Reflector efficiency=90%
LED	Osram SMD3030
GLASS PRESSURE CAPACITY	Full Area=5513kgs
CABLE GLAND	IP68 PG-11 PA66
GASKET	Molding shaped seal
LED DRIVER	Constant Voltage Input,Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H07RN-F 2X1.0mm ² L=0.5m (low voltage) H07RN-F 3X1.0mm ² L=0.5m (high voltage)
MOUNTING SLEEVE	ABS 068#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

OPTIONAL HONEYCOMB LOUVER

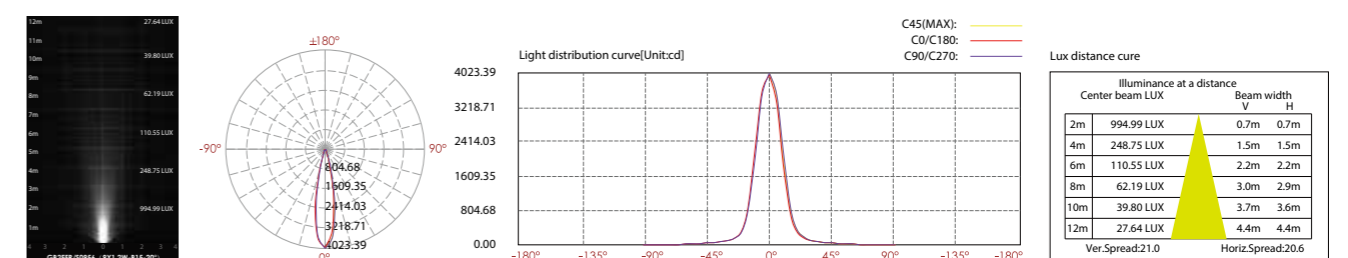
Product Overview



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
○ GB2GFR2556	25x1.0W	B15	20°	24V DC	24V=1490	24V=35.6	Cool White =2573 Warm White =2249	10
□ GB2GFS2556				120/240	120V=252 240V=133	120V=30 240V=29.6		

PHOTOMETRIC CURVES



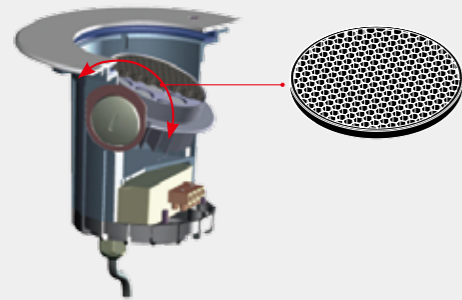
Adjustable Beam Direction Series

FEATURE



A simplicity of wider angle adjustment

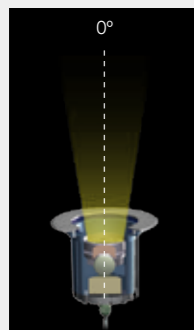
- In according to the environment require to adjust the angle of light



Honey comb - Good choice for soft light

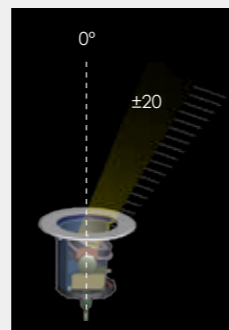
- The honey comb louver will be synchronized changed along with the light beam angle

Luminous beam comparison before and after the adjustment



- The light of vertical direction
- Typical luminance (vertical direction)

Cool White=1885
Warm White=1389



- The view of light direction when the beam angle moved
- The rest of luminance after moving 20 degrees

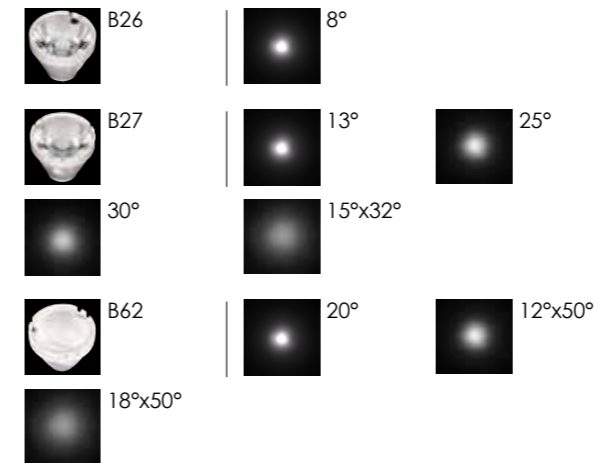
Cool White =1621
Warm White=1195

Adjustable Beam Direction LED Inground Light

LED COLOUR TEMPERATURE

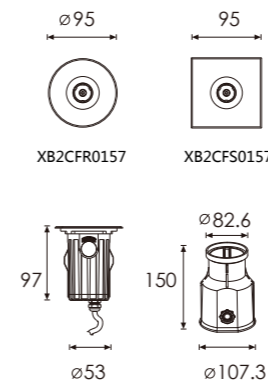
2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



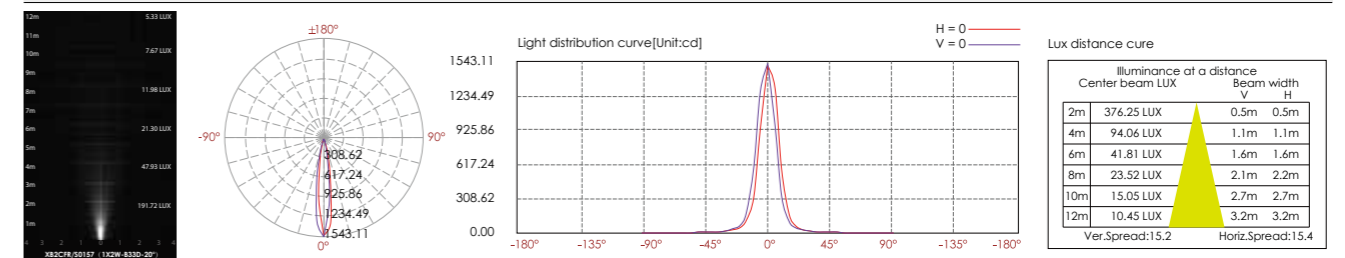
MATERIAL SPECIFICATIONS

HOUSING	12# die-casting grey powder coated aluminum T=60-80μm. Adhesion of ISO class 1/ASTM class 4B
FRONT COVER	Hard chromeplated stainless steel SUS 316L#
GLASS	Step tempered white coating glass.T=6mm
GLASS PRESSURE CAPACITY	Full Area=1195kgs
CABLE GLAND	IP68 PG-9 PA66
GASKET	Molding shaped seal
LED DRIVER	Constant Voltage Input.Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm ² L=0.5m (low voltage) H05RN-F 3X1.0mm ² L=0.5m (high voltage)
MOUNTING SLEEVE	ABS Housing with iron base
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)@1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
XB2CFR0157 XB2CFS0157	1×2W	B27	13°	24V DC 120/240	24V = 110 120V = 43 240V = 27	24V = 2.6 120V = 3.2 240V = 3.2	Cool White = 179 Warm White = 168	09

PHOTOMETRIC CURVES



Adjustable Beam Direction LED Inground Light

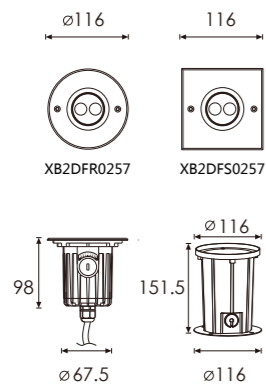


LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

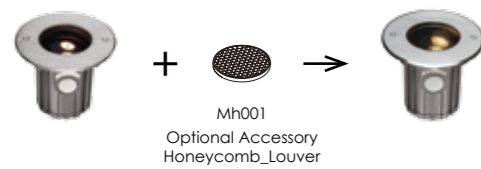
OUTER DIMENSIONS & ACCESSORIES

Unit:mm



OPTIONAL HONEYCOMB LOUVER

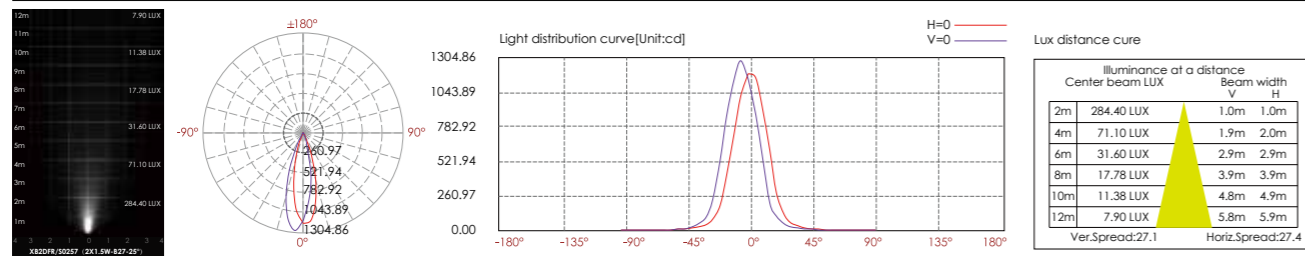
Product Overview



TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
XB2DFR0257 XB2DFS0257	2x1.5W	B17	20°	24V DC 120/240	24V = 150 120V = 36 240V = 24	24V = 3.6 120V = 3.8 240V = 3.8	Cool White = 250 Warm White = 190	09

PHOTOMETRIC CURVES



Adjustable Beam Direction LED Inground Light

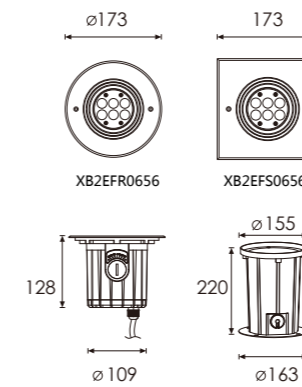


LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

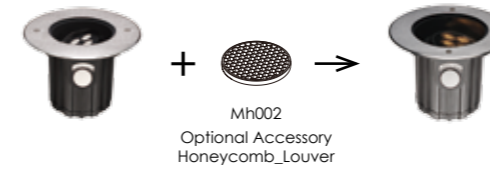
OUTER DIMENSIONS & ACCESSORIES

Unit:mm



OPTIONAL HONEYCOMB LOUVER

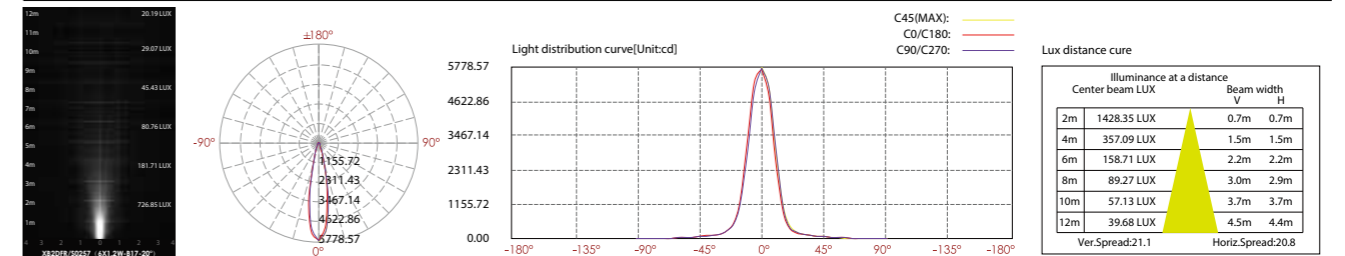
Product Overview



TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
XB2EFR0656 XB2EFS0656	6x1.2W	B17	20°	24V DC 120/240	24V = 325 120V = 70 240V = 46	24V = 7.8 120V = 9.2 240V = 9.2	Cool White = 700 Warm White = 570	10

PHOTOMETRIC CURVES



Adjustable Beam Direction LED Inground Light

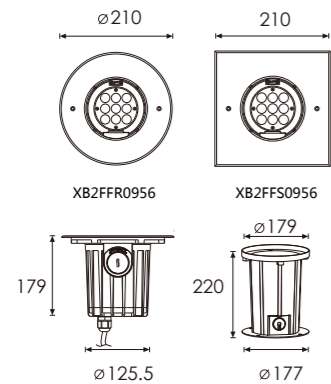


LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

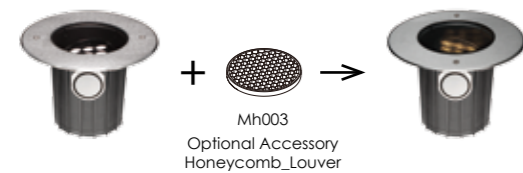
OUTER DIMENSIONS & ACCESSORIES

Unit:mm



OPTIONAL HONEYCOMB LOUVER

Product Overview



OPTICS



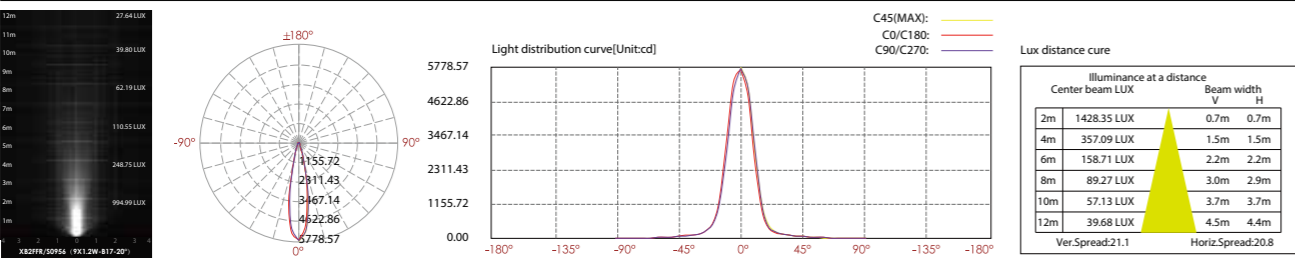
MATERIAL SPECIFICATIONS

HOUSING	12# die-casting grey powder coated aluminum T=60-80 μ m. Adhesion of ISO class 1/ASTM class 4B
FRONT COVER	Hard chromeplated stainless steel SUS 316L#
GLASS	Step tempered white coating glass.T=8mm
GLASS PRESSURE CAPACITY	Full Area=296 kgs
CABLE GLAND	IP68 PA66 PG-11
GASKET	Molding shaped seal
LED DRIVER	Constant Voltage Input,Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H07RN-F 2X1.0mm2 L=0.5m (low voltage) H07RN-F 3X1.0mm2 L=0.5m (high voltage)
MOUNTING SLEEVE	ABS Housing with diron base
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°) ϕ 1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
XB2FFR0956 XB2FFS0956	9x1.2W	B17	20°	24V DC 120/240	24V = 500 120V = 112 240V = 64	24V = 12 120V = 13.2 240V = 13.2	Cool White = 1090 Warm White = 756	10

PHOTOMETRIC CURVES



Adjustable Beam Direction LED Inground Light

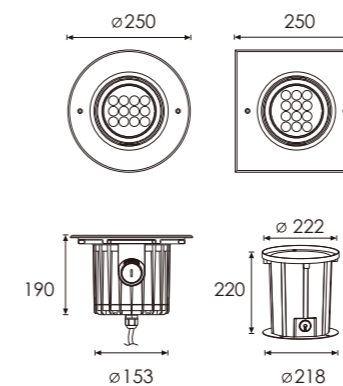


LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

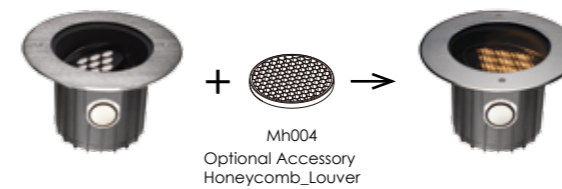
OUTER DIMENSIONS & ACCESSORIES

Unit:mm

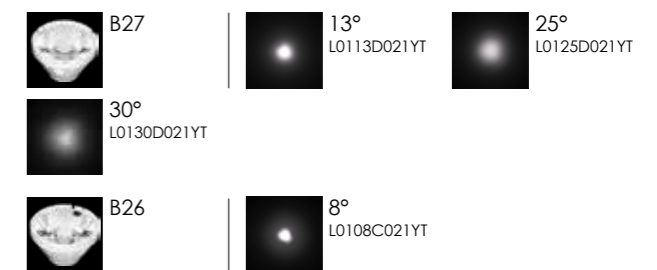


OPTIONAL HONEYCOMB LOUVER

Product Overview



OPTICS



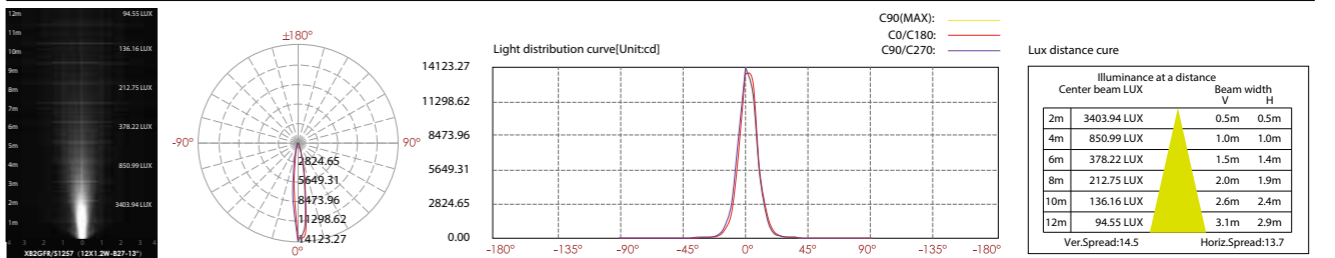
MATERIAL SPECIFICATIONS

HOUSING	12# die-casting grey powder coated aluminum T=60-80 μ m. Adhesion of ISO class 1/ASTM class 4B
FRONT COVER	Hard chromeplated stainless steel SUS 316L#
GLASS	Step tempered white coating glass.T=10 mm
GLASS PRESSURE CAPACITY	Full Area=551kgs
CABLE GLAND	IP68 PA66 PG-13.5
GASKET	Molding shaped seal
LED DRIVER	Constant Voltage Input,Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm2 L=0.5m (low voltage) H05RN-F 3X1.0mm2 L=0.5m (high voltage)
MOUNTING SLEEVE	ABS Housing with diron base
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°) ϕ 1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
XB2GFR1257 XB2GFS1257	12x1.5W	B27	13°	24V DC 120/240	24V = 1020 120V = 151 240V = 82	24V = 24.5 120V = 18.2 240V = 18.2	Cool White = 1885 Warm White = 1389	10

PHOTOMETRIC CURVES



Beam Direction Adjustable Inground Light



LED COLOUR TEMPERATURE

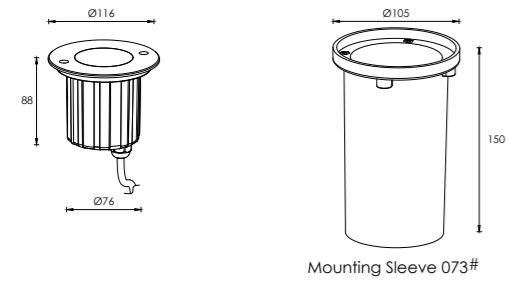
2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm

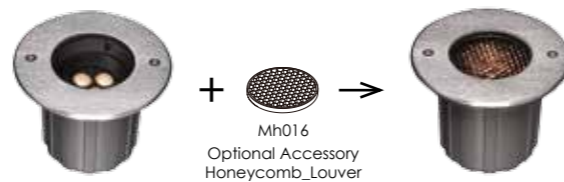


MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum
T=60-80µm Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chromeplated Stainless steel SUS 316L#
- LIGHT WINDOW** | Tempered frosted step glass.T=6mm
- LENS** | Optical lens efficiency≥85%
- LED** | OSRAM
- GLASS PRESSURE CAPACITY** | Full area=1226kgs
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Molding shaped seal
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.5m(low voltage)
H05RN-F 3X1.0mm2 L=0.5m(high voltage)
- MOUNTING SLEEVE** | ABS 073#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

OPTIONAL HONEYCOMB LOUVER

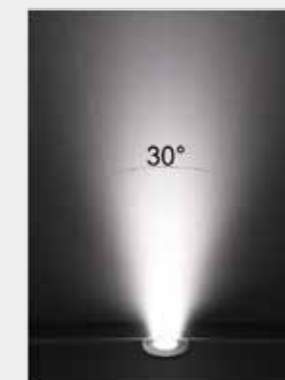
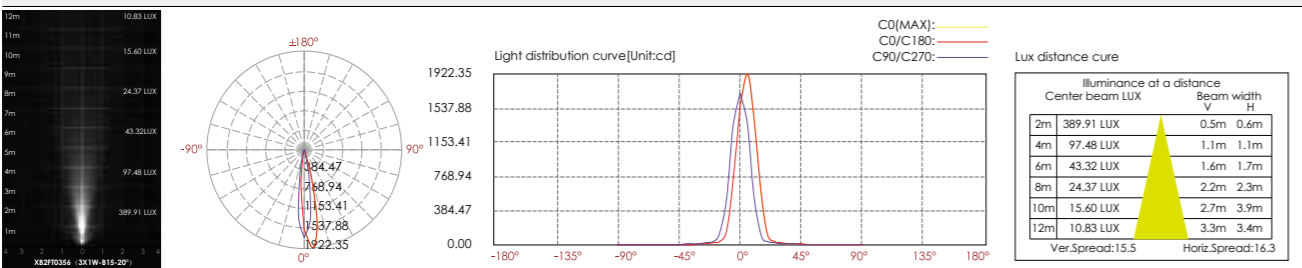
Product Overview



TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
XB2FT0356	3 × 1W	B15	20°	24V DC 120/240	24V = 131 120V = 54 240V = 30	24V = 3.1 120V = 3.8 240V = 3.8	Cool White = 320 Warm White = 294	09

PHOTOMETRIC CURVES



Beam Direction Adjustable Inground Light



XB2BG0357

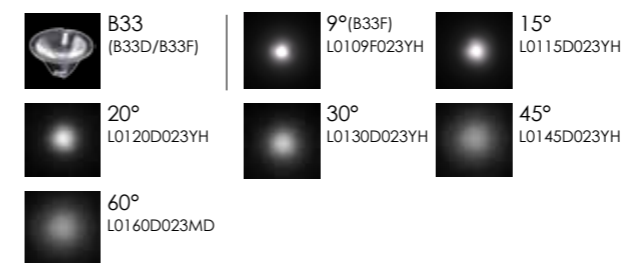


XB2BG0357 L

LED COLOUR TEMPERATURE

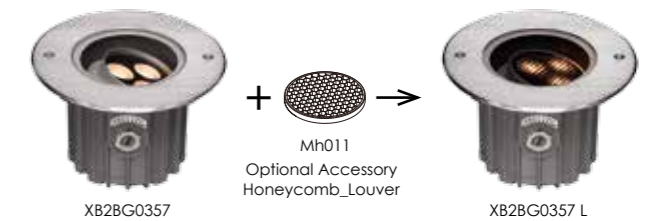
2000K · 3000K · 6000K

OPTICS



OPTIONAL HONEYCOMB LOUVER

Product Overview



XB2BG0357

Mh011
Optional Accessory
Honeycomb_Louwer

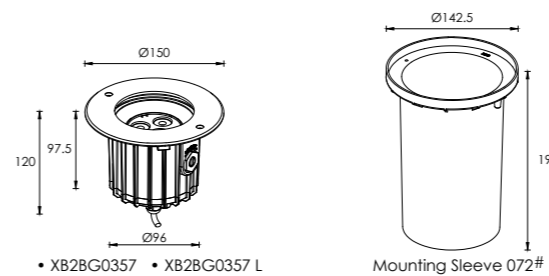
XB2BG0357 L

MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum
T=60-80µm Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chromeplated Stainless steel SUS 316L#
- LIGHT WINDOW** | Tempered frosted step glass.T=8mm
- LENS** | Optical lens efficiency≥90%
- LED** | OSRAM or NICHIA
- GLASS PRESSURE CAPACITY** | Full area=783kgs
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Molding shaped silicone seal
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.5m(low voltage)
H05RN-F 3X1.0mm2 L=0.5m(high voltage)
- MOUNTING SLEEVE** | ABS 072#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



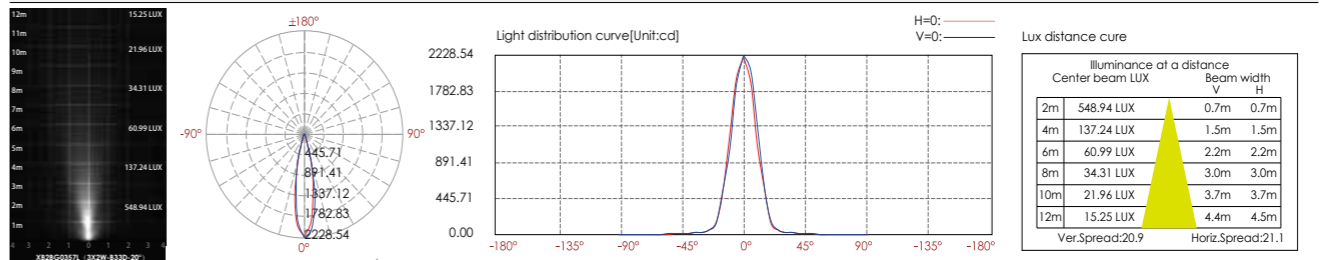
• XB2BG0357 • XB2BG0357 L

Mounting Sleeve 072#

TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
XB2BG0357	3×2W	B33D	20°	24V DC 120/240	24V = 216	24V = 5.2	Cool White = 479	09
					120V = 51	120V = 6	Warm White = 376	
					240V = 30	240V = 6		
XB2BG0357 L	3×2W	B33D	20°	24V DC 120/240	24V = 216	24V = 5.2	Cool White = 400	09
					120V = 51	120V = 6	Warm White = 282	
					240V = 30	240V = 6		

PHOTOMETRIC CURVES



Adjustable Beam Direction LED Inground Light

LED COLOUR TEMPERATURE

3000K · 5000K

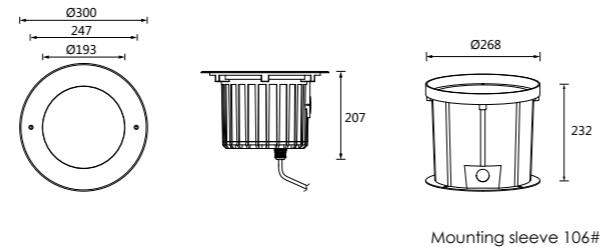
Optics Lens B57



MATERIAL SPECIFICATIONS

- Housing** | 12# die-casting grey powder coated aluminum . T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- Front cover** | Hard chromeplated stainless steel SUS 316L#
- Glass** | Step tempered glass.T=10mm
- Reflector** | Optical Reflector efficiency=90%
- LED** | CREE COB
- Glass pressure capacity** | Full area=5356kgs
- Cable gland** | IP68 PG-13.5 PA66
- Gasket** | Molding shaped seal
- LED Driver** | Constant Voltage Input,Constant Current Output
- Operating temperature** | -20°C~40°C
- Power cable** | H07RN-F 2X1.5mm²L= 0.5m (low voltage)
H07RN-F 3X1.5mm²L= 0.5m (high voltage)
- Mounting sleeve** | ABS 106#

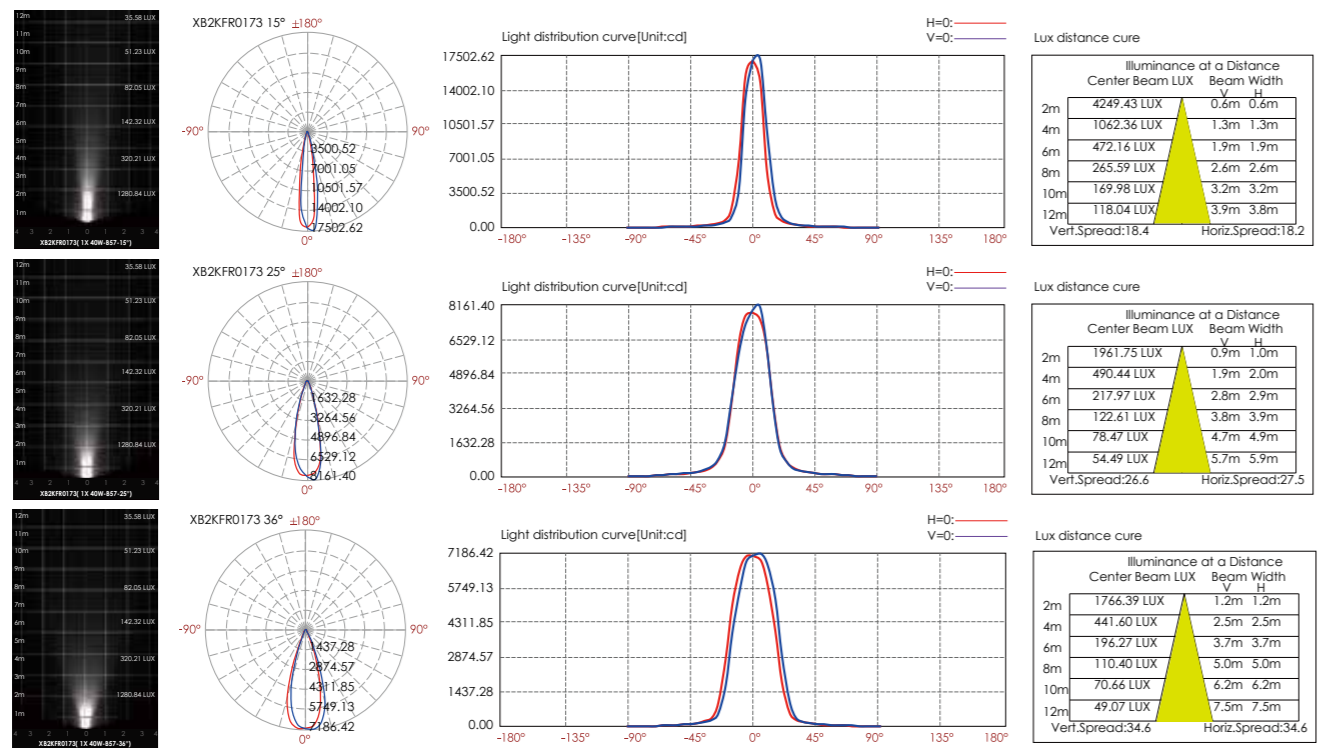
OUTER DIMENSIONS



TECHNICAL DATA

Item	Light source	Reflector	The manufacturer selected lens degree(°)Ø1/2	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK
XB2KFR0173	1×25W COB	B57	25°	24VDC 120V/240V	24V = 1040 120V = 240 240V = 130	24V = 25.0 120V = 28 240V = 28	Cool white =2700 Warm white =2471	10

PHOTOMETRIC CURVES

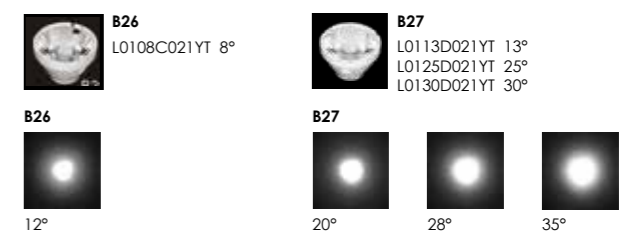


Beam Direction Adjustable Mega Power LED Inground Light

LED COLOUR TEMPERATURE

3000K · 6000K

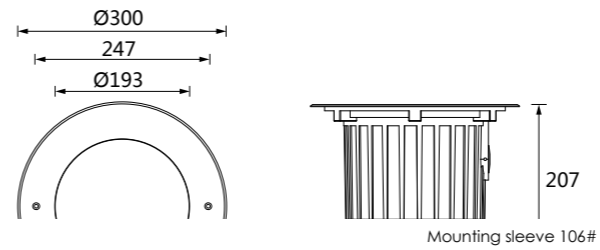
OPTICS LENS



MATERIAL SPECIFICATIONS

- Housing** | 12# die-casting grey powder coated aluminum . T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- Front cover** | Hard chromeplated stainless steel SUS 316L#
- Glass** | Step tempered glass.T=10mm
- Reflector** | Optical Reflector efficiency=90%
- LED** | NICHIA
- Glass pressure capacity** | Full area=5356kgs
- Cable gland** | IP68 PG-13.5 PA66
- Gasket** | Molding shaped seal
- LED Driver** | Constant Voltage Input,Constant Current Output
- Operating temperature** | -20°C~40°C
- Power cable** | H07RN-F 2X1.5mm²L= 0.5m (low voltage)
H07RN-F 3X1.5mm²L= 0.5m (high voltage)
- Mounting sleeve** | ABS 106#

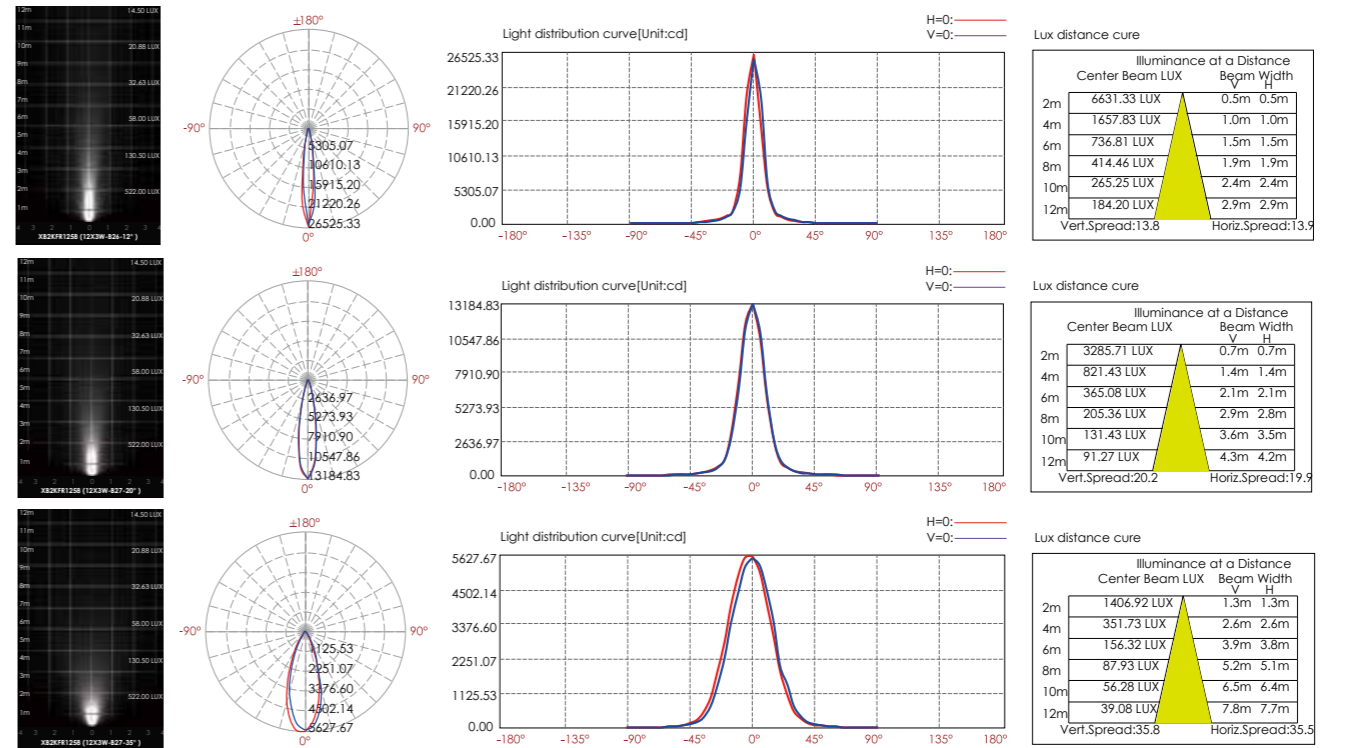
OUTER DIMENSIONS



TECHNICAL DATA

Item	Light source	Reflector	The manufacturer selected lens degree(°)Ø1/2	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK
XB2KFR1258	12×2.2W	B27	20°	24V DC 120/240	24V = 1150 120V = 234 240V = 125	24V = 27.6 120V = 28 240V = 28	Warm white =2392	10

PHOTOMETRIC CURVES



Depth Illuminant LED Inground Light



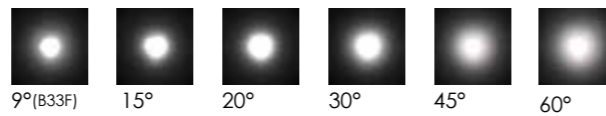
LED COLOUR TEMPERATURE

3000K · 6000K

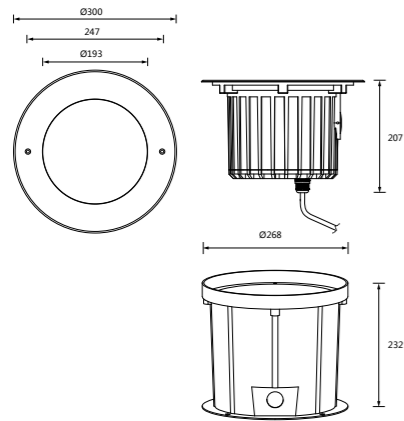
OPTICS

- B33(B33D/B33F)**
 L0109F023YH 9°
 L0115D023YH 15°
 L0120D023YH 20°
 L0130D023YH 30°
 L0145D023YH45°
 L0160D023MD60°

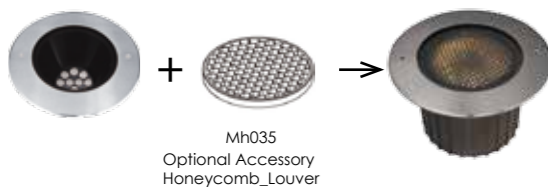
B33(B33D/B33F)



OUTER DIMENSIONS Unit:mm



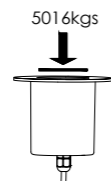
OPTIONAL HONEYCOMB LOUVER



MATERIAL SPECIFICATIONS

- Housing** | 12# Die-casting dark grey powder coated aluminum T=60-80µm Adhesion of ISO class 1/ATM class 4B
- Front cover** | Hard chrome-plated stainless steel SUS 316L#
- Light Window** | Tempered frosted step glass.T=10mm
- Reflector** | Optical Reflector efficiency≥90%
- LED** | NICHIA 3535
- Glass pressure capacity** | Full Area=5016kgs
- Cable gland** | IP68 PG-13.5 PA66
- Gasket** | Molding shaped seal
- LED Driver** | Constant Voltage Input,Constant Current Output
- Operating temperature** | -20°C~40°C
- Power Cable** | H05RN-F 2X1.5mm² L=0.5m(low voltage)
- Mounting sleeve** | ABS 106#

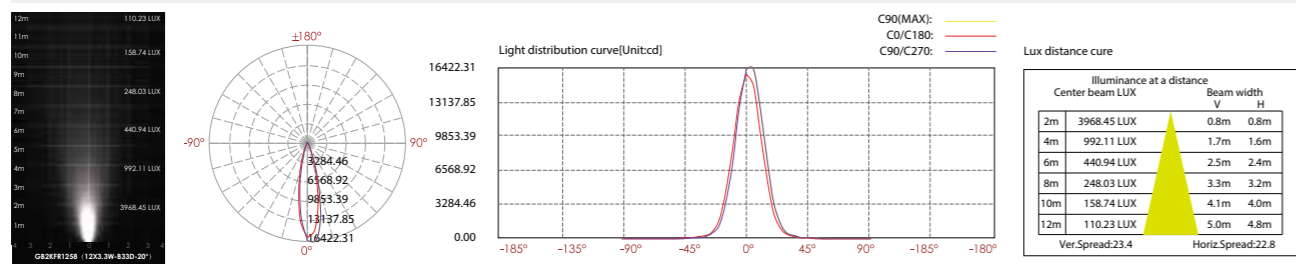
GLASS PRESSURE CAPACITY



TECHNICAL DATA

Item	Light source	Reflector	The manufacturer selected lens degree(°)θ1/2	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
GB2KFR1258	12x3.3W	B33D	20°	24	24V = 1802	24V = 43.3	Cool white=3148 Warm white=2571	06

PHOTOMETRIC CURVES



High Luminance Output Inground Flood Light



LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS

- R29**
 R0108C110DK 8°
 R0124C110DK 24°
 R0138C110DK 38°

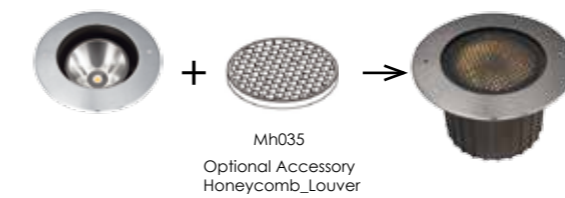
R29



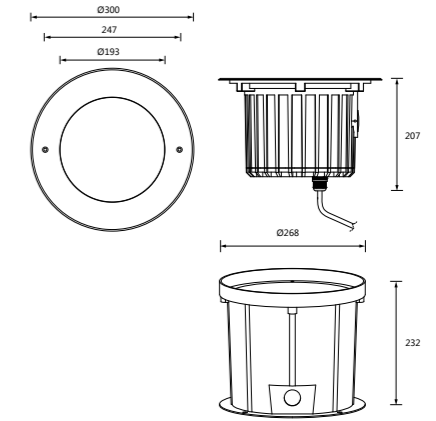
MATERIAL SPECIFICATIONS

- Housing** | 12# Die-casting dark grey powder coated aluminum T=60-80µm Adhesion of ISO class 1/ATM class 4B
- Front cover** | Hard chrome-plated stainless steel SUS 316L#
- Light Window** | Tempered frosted step glass.T=10mm
- Reflector** | Optical Reflector efficiency≥90%
- LED** | NICHIA COB
- Glass pressure capacity** | Full Area=5016kgs
- Cable gland** | IP68 PG-13.5 PA66
- Gasket** | Molding shaped seal
- LED Driver** | Constant Voltage Input,Constant Current Output
- Operating temperature** | -20°C~40°C
- Power Cable** | H07RN-F 2X1.5mm² L=0.5m(low voltage)
H07RN-F 3X1.5mm² L=0.5m(high voltage)
- Mounting sleeve** | ABS 106#

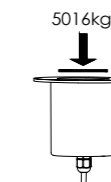
OPTIONAL HONEYCOMB LOUVER



OUTER DIMENSIONS Unit:mm



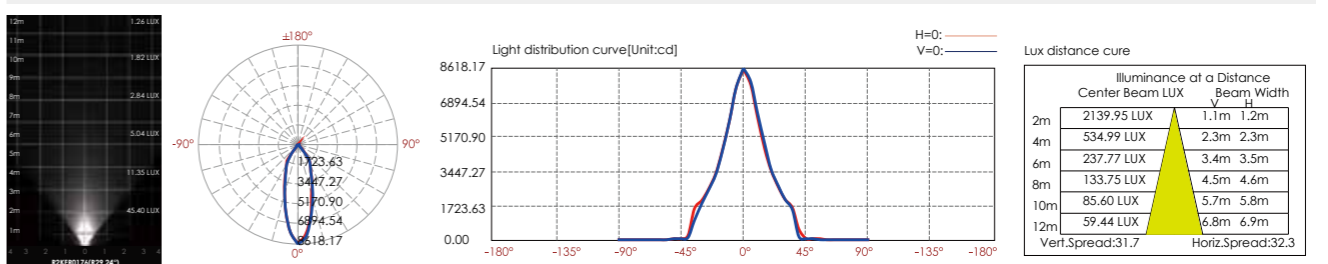
Glass pressure capacity



TECHNICAL DATA

Item	Light source	Reflector	The manufacturer selected lens degree(°)θ1/2	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
R2KFR0176	1x40W COB	R29	24°	120/240	120V = 372 240V = 187	120V = 45 240V = 44.5	Cool white =4425 Warm white =4097	10

PHOTOMETRIC CURVES



GX5.3 & GU10 Socket Available Inground Luminaire



LED COLOUR TEMPERATURE

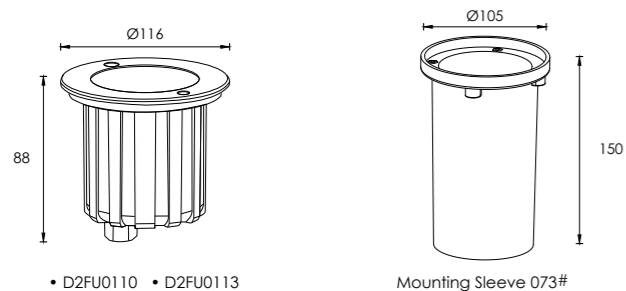
2000K · 3000K · 6000K

MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting grey powder coated aluminum T=60-80µm Adhesion of ISO class 1/ASTM class 4B
FRONT RING	Hard chromeplated stainless steel SUS 316L#
LIGHT WINDOW	Tempered frosted step glass.T=6mm
GASKET	Molding shaped silicone seal
GLASS PRESSURE CAPACITY	Full area=1920kgs
CABLE GLAND	IP68 PG-9 PA66
POWER CABLE	H05RN-F 3X1.0mm ² L=0.5m[for single color]
MOUNTING SLEEVE	ABS 073#

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



• D2FU0110 • D2FU0113

Mounting Sleeve 073#

LIGHTING SOURCES OPTION



GU-10 Pin Halogen Lamp

- 50W maximum power limit
- Input voltage is according to halogen lamp spec.



GU-10 Pin LED Lamp

- Maximum power limit is according to GU10 pin spec.
- Input voltage is according to GU10 pin spec.

TECHNICAL DATA

ITEM	LAMP SOCKET	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)
D2FU0110	GU-10		
D2FU0113	G-5.3		



COB LED Inground Light



OPTICS



LED COLOUR TEMPERATURE

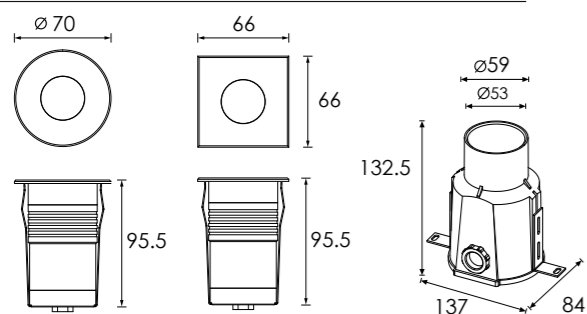
2000K · 3000K · 6000K

MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- FRONT RING** | Hard chromeplated stainless steel SUS 316#
- LIGHT WINDOW** | Tempered frosted step glass.T=7mm
- REFLECTOR** | Optical Reflector efficiency≥90%
- LED** | NICHIA COB
- GLASS PRESSURE CAPACITY** | Full area=783kgs
- CABLE GLAND** | IP67 Copper and nicked coated
- GASKET** | Molding shaped silicone seal
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.5m (low voltage)
H05RN-F 3X1.0mm² L=0.5m (high voltage)
- MOUNTING SLEEVE** | ABS 065#

OUTER DIMENSIONS & ACCESSORIES

Unit:mm

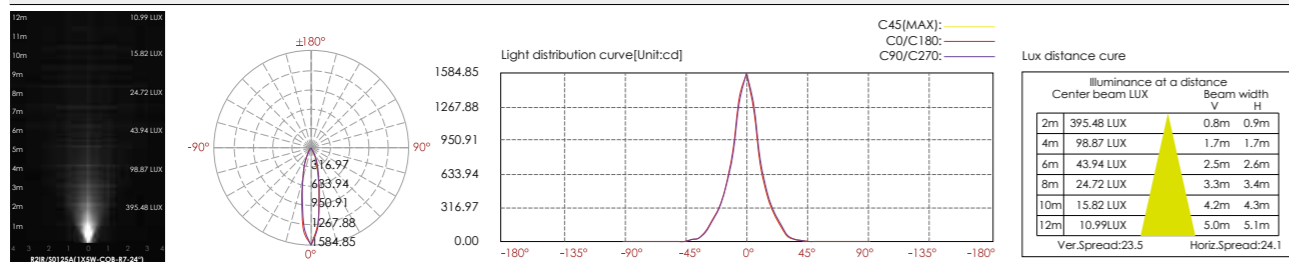


• R2IR0125 A • R2IS0125 A Mounting Sleeve 065#

TECHNICAL DATA

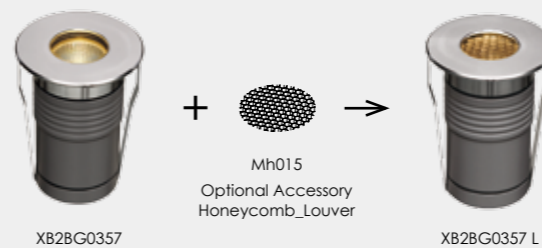
ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R2IR0125 A R2IS0125 A	1×5W COB	R7	24°	24V DC 120/240	24V = 265 120V = 52 240V = 32	24V = 6.3 120V = 6.5 240V = 6.7	Cool White = 506 Warm White = 442	08

PHOTOMETRIC CURVES



OPTIONAL HONEYCOMB LOUVER

Product Overview



Trimless Asymmetrical COB Inground Wall Washer & Recessed Wall Light



LED COLOUR TEMPERATURE

3000K · 5000K

OPTICS

R24
R0130C023RD 30°

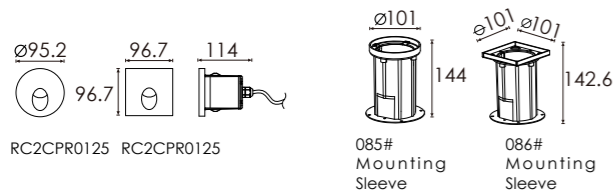
R24
30°

MATERIAL SPECIFICATIONS

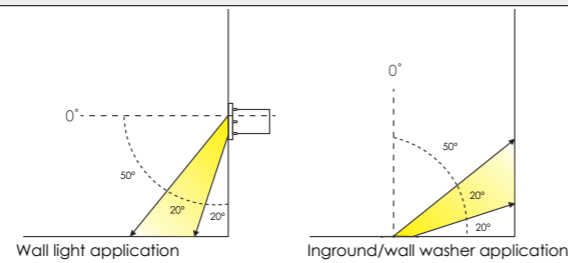
Housing	12# Die-casting grey powder coated aluminum. T=60-80µm.Adhesion of ISO class 1/ASTM class 4B
Light Window	Step tempered glass.T=4mm
Glass pressure capacity	Full area=5373kgs
Reflector	Optical Reflector efficiency≥90%
Gasket	Molding shaped silicone seal
LED	Multi chip on board LED
LED Driver	Constant Voltage Input,Constant Current Output
Operating temperature	-20°C ~40°C
Power cable	24V: Input: H05RN-F 2×1.0mm² L=0.5M (low voltage) 100/240V: H05RN-F 3×1.0mm² L=0.5M (high voltage)
Mounting sleeve	ABS 085#: ABS 086#

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



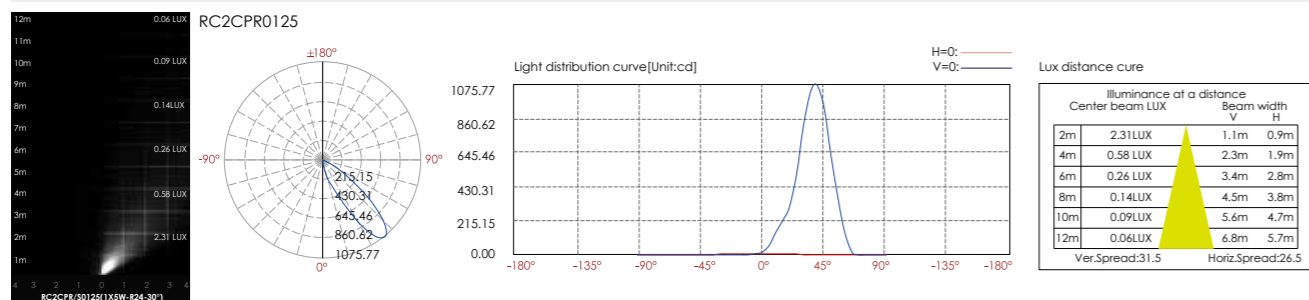
ASYMMETRICAL DEMO



TECHNICAL DATA

Item	Light source	Reflector	The manufacturer selected lens degree(°)θ1/2	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
RC2CPR0125	1X5W COB	R24	30°	24V DC 120/240	2.4 V= 233 120V= 49 240V= 31	2.4 V=5.6 120V=5.8 240V=6.4	Cool white=375 Warm white=355	06
RC2CPS0125	1X5W COB	R24	30°	24V DC 120/240	2.4 V= 233 120V= 49 240V= 31	2.4 V=5.6 120V=5.8 240V=6.4	Cool white=375 Warm white=355	06

PHOTOMETRIC CURVES



Asymmetrical COB Inground Wall Washer & Recessed Wall Light



LED COLOUR TEMPERATURE

3000K · 5000K

OPTICS

R24
R0130C023RD 30°

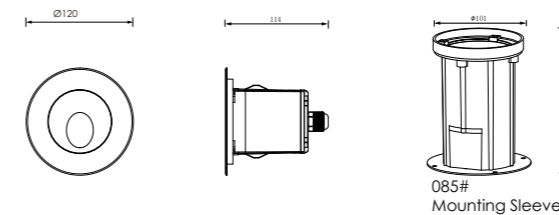
R24
30°

MATERIAL SPECIFICATIONS

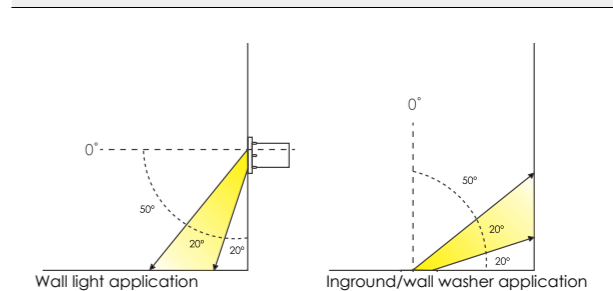
Housing	12# Die-casting grey powder coated aluminum. T=60-80µm.Adhesion of ISO class 1/ASTM class 4B
Light Window	Step tempered glass.T=4mm
Glass pressure capacity	Full area=5373kgs
Reflector	Optical Reflector efficiency≥90%
Gasket	Molding shaped silicone seal
LED	Multi chip on board LED
LED Driver	Constant Voltage Input,Constant Current Output
Operating temperature	-20°C ~40°C
Power cable	24V: Input: H05RN-F 2×1.0mm² L=0.5M (low voltage) 100/240V: H05RN-F 3×1.0mm² L=0.5M (high voltage)
Mounting sleeve	ABS 085#

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



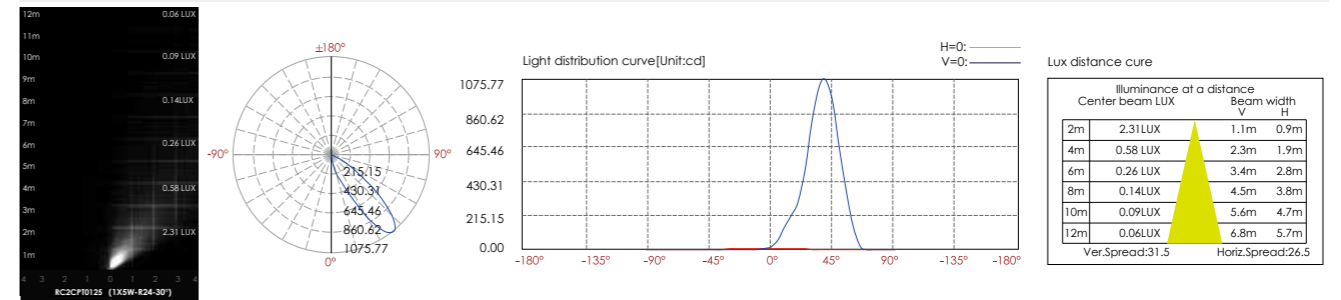
ASYMMETRICAL DEMO



TECHNICAL DATA

Item	Light source	Reflector	The manufacturer selected lens degree(°)θ1/2	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
RC2CPT0125	1X5W COB	R24	30°	24V DC 120/240	2.4 V= 233 120V= 49 240V= 31	2.4 V=5.6 120V=5.8 240V=6.4	Cool white=375 Warm white=355	06

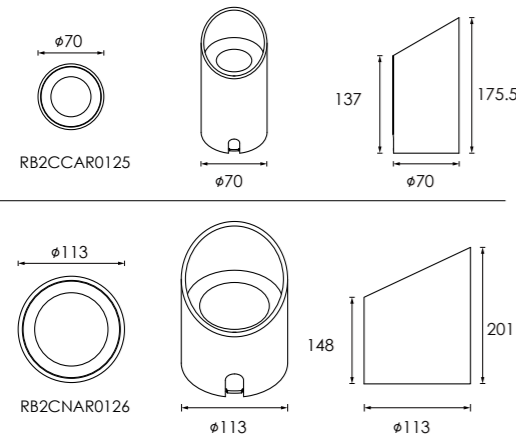
PHOTOMETRIC CURVES



Surface Mounted Wall Washing Light



OUTER DIMENSIONS & ACCESSORIES



LED COLOUR TEMPERATURE

3000K · 6000K

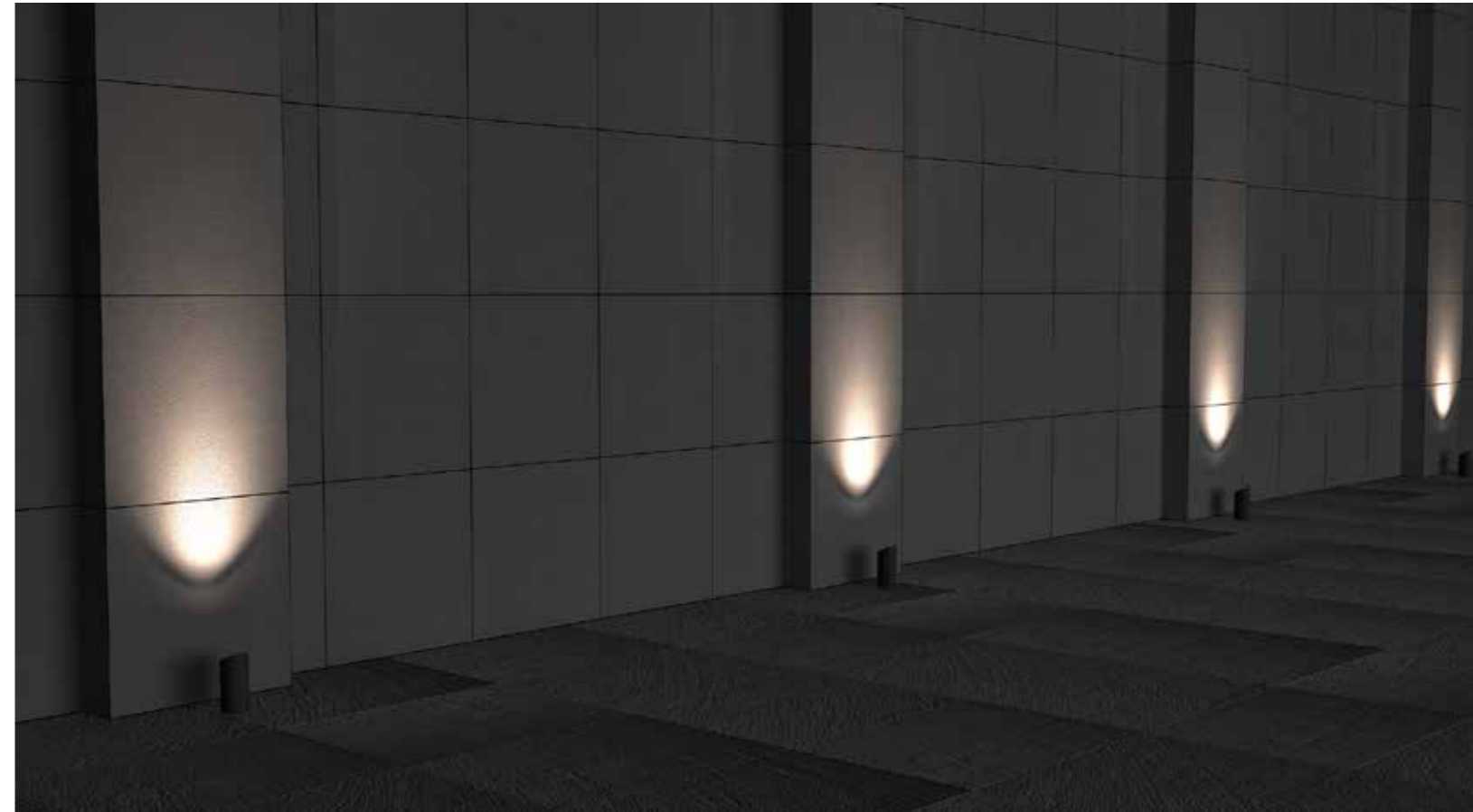
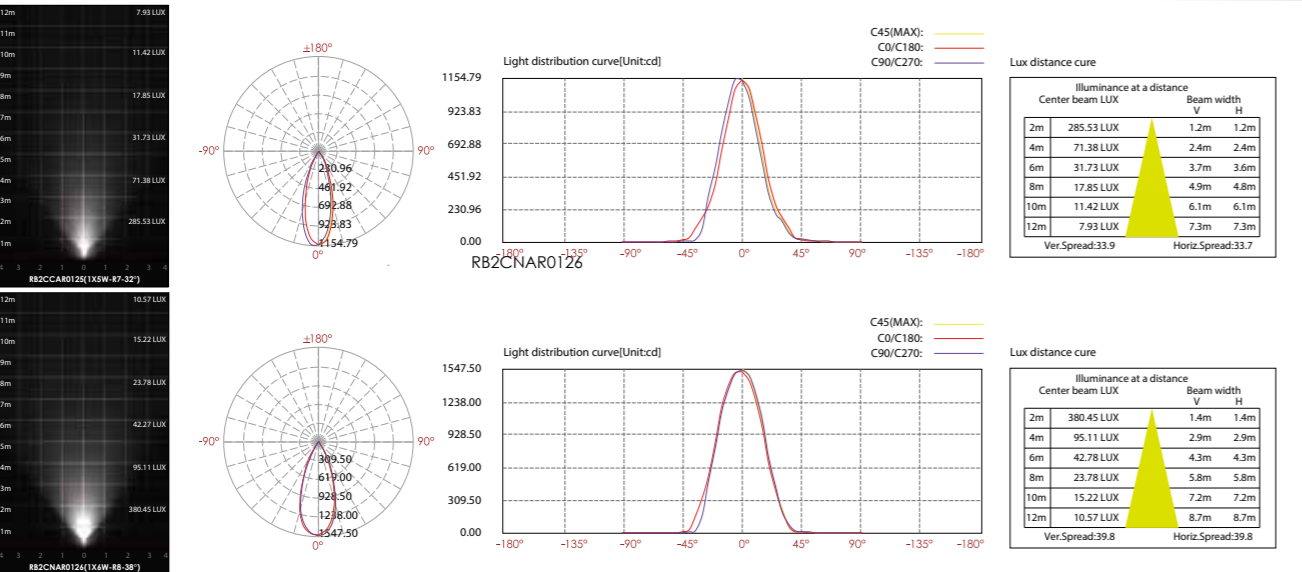
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
| T=60-80 μ m, Adhesion of ISO class 1/ASTM class 4B
- GLASS** | 1 Step tempered glass, T=4mm
- REFLECTOR** | Optical Reflector efficiency $\geq 90\%$
- LED** | Multi chip on board LED
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C ~ 40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.5m (low voltage)
| H05RN-F 3X1.0mm² L=0.5m (high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
RB2CCAR0125	1×5W	R7	32°	24V DC 120V/240	24V = 265 120V = 52 240V = 32	24V = 6.1 120V = 6.5 240V = 6.7	460	06
RB2CNAR0126	1×6W	R8	38°	24V DC 120V/240	24V = 320 120V = 72 240V = 40	24V = 7.5 120V = 8.2 240V = 8.5	722	08

PHOTOMETRIC CURVES



OPTICS



COB LED Inground Light



OPTICS



LED COLOUR TEMPERATURE

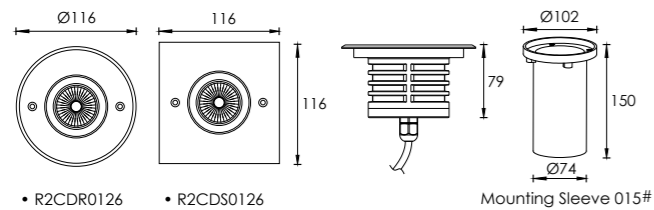
3000K · 6000K

MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum T=60-80µm.
- FRONT RING** | Hard chromeplated Stainless steel SUS 316L#
- LIGHT WINDOW** | Tempered frosted step glass.T=8mm
- CABLE GLAND** | IP68 PG-9 PA66
- GLASS PRESSURE CAPACITY** | Full area=2578kgs
- LED** | NICHIA COB
- PCB** | Excellent heat conductivity aluminum coefficient of heat Conductivity≥2.0w/mk
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- REFLECTOR** | Optical Reflector efficiency≥90%
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.5m(low voltage)
H05RN-F 3X1.0mm2 L=0.5m(high voltage)
- MOUNTING SLEEVE** | ABS 015#

OUTER DIMENSIONS & ACCESSORIES

Unit:mm

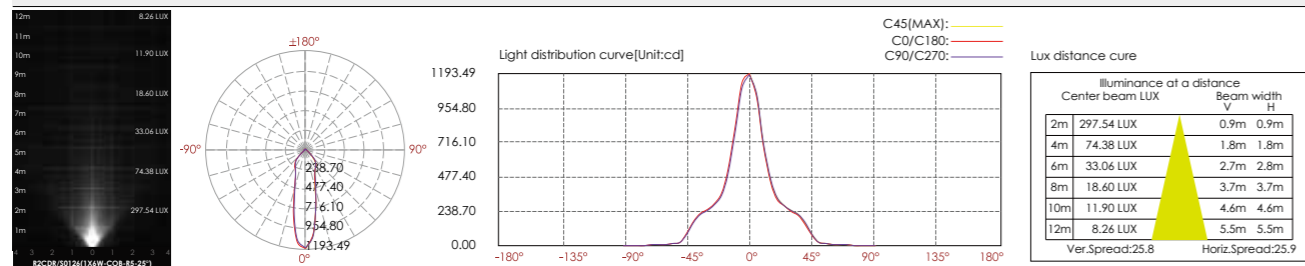


• R2CDR0126 • R2CDS0126

TECHNICAL DATA

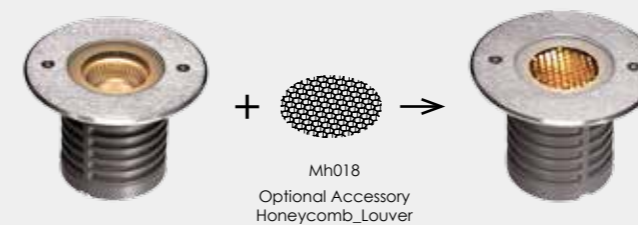
ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R2CDR0126 R2CDS0126	1×6W COB	R5	25°	24V DC 120/240	24V = 270 120V = 65 240V = 37	24V = 6.5 120V = 7.7 240V = 7.8	Cool White = 760 Warm White = 660	09

PHOTOMETRIC CURVES



OPTIONAL HONEYCOMB LOUVER

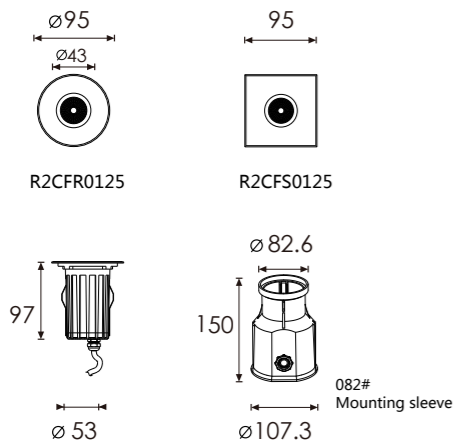
Product Overview



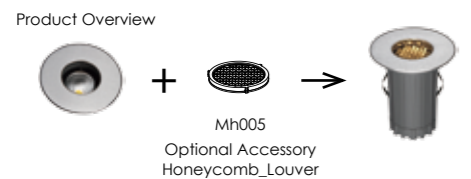
High Luminance Output Inground Flood Light



OUTER DIMENSIONS & ACCESSORIES Unit:mm



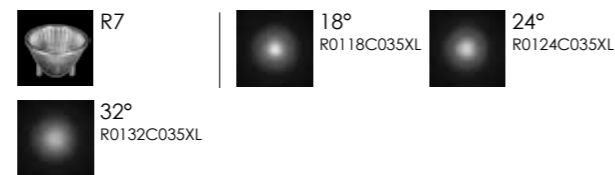
OPTIONAL HONEYCOMB LOUVER



LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS



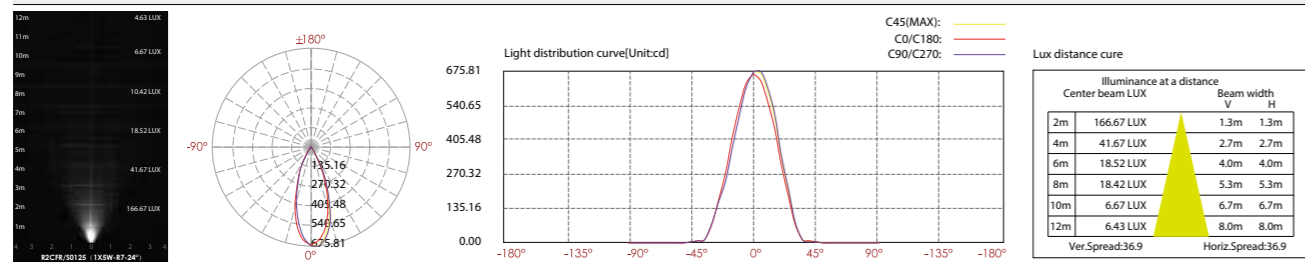
MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting dark grey powder coated aluminum T=60-80µm Adhesion of ISO class 1/ATM class 4B
FRONT COVER	Hard chrome-plated stainless steel SUS 316L#
LIGHT WINDOW	Tempered frosted step glass.T=6mm
REFLECTOR	Optical Reflector efficiency≥90%
LED	NICHIA COB
GLASS PRESSURE CAPACITY	Full Area=1195kgs
CABLE GLAND	IP68 PG-9 PA66
GASKET	Molding shaped seal
LED DRIVER	Constant Voltage Input,Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm2 L=0.5m(low voltage) H05RN-F 3X1.0mm2 L=0.5m(high voltage)
MOUNTING SLEEVE	ABS 082#

TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R2CFR0125 R2CFS0125	1×5W COB	R7	24°	24V DC 120/240	24V = 265 120V = 52 240V = 34	24V = 6.3 120V = 6 240V = 6.8	Cool White = 555 Warm White = 441	09

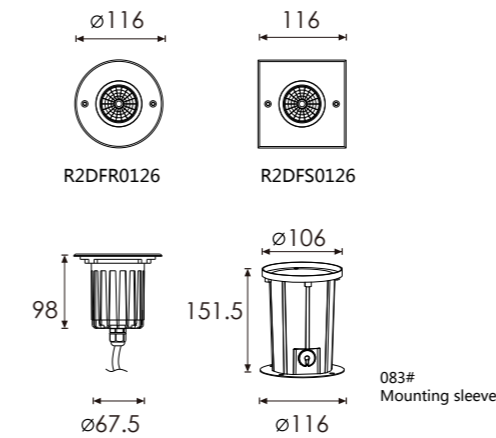
PHOTOMETRIC CURVES



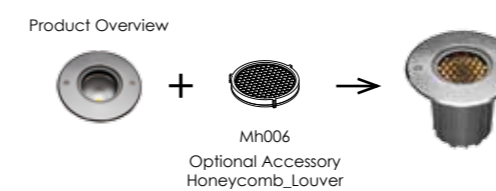
High Luminance Output Inground Flood Light



OUTER DIMENSIONS & ACCESSORIES Unit:mm



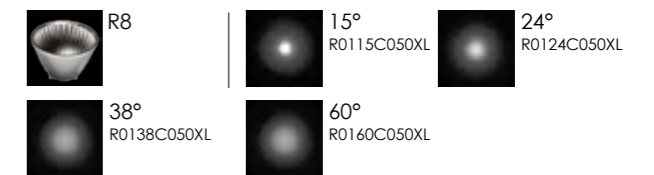
OPTIONAL HONEYCOMB LOUVER



LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS



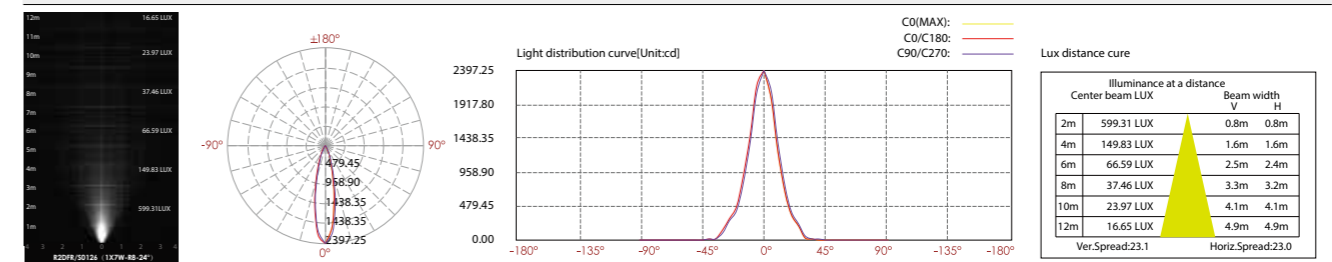
MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting dark grey powder coated aluminum T=60-80µm Adhesion of ISO class 1/ATM class 4B
FRONT COVER	Hard chrome-plated stainless steel SUS 316L#
LIGHT WINDOW	Tempered frosted step glass.T=8mm
REFLECTOR	Optical Reflector efficiency≥90%
LED	NICHIA COB
GLASS PRESSURE CAPACITY	Full Area=2526kgs
CABLE GLAND	IP68 PG-9 PA66
GASKET	Molding shaped seal
LED DRIVER	Constant Voltage Input,Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H07RN-F 2X1.0mm2 L=0.5m(low voltage) H07RN-F 3X1.0mm2 L=0.5m(high voltage)
MOUNTING SLEEVE	ABS 067#

TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R2DFR0126 R2DFS0126	1×7W COB	R8	24°	24V DC 120/240	24V = 324 120V = 72 240V = 40	24V = 7.7 120V = 8.5 240V = 8.5	Cool White = 921 Warm White = 744	09

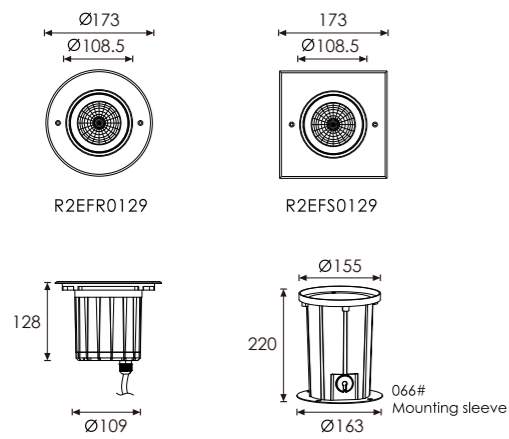
PHOTOMETRIC CURVES



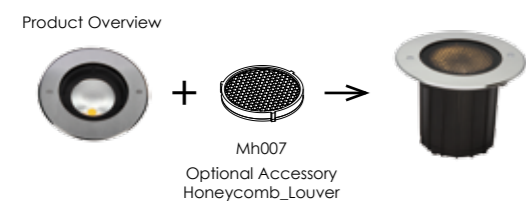
High Luminance Output Inground Flood Light



OUTER DIMENSIONS & ACCESSORIES Unit:mm



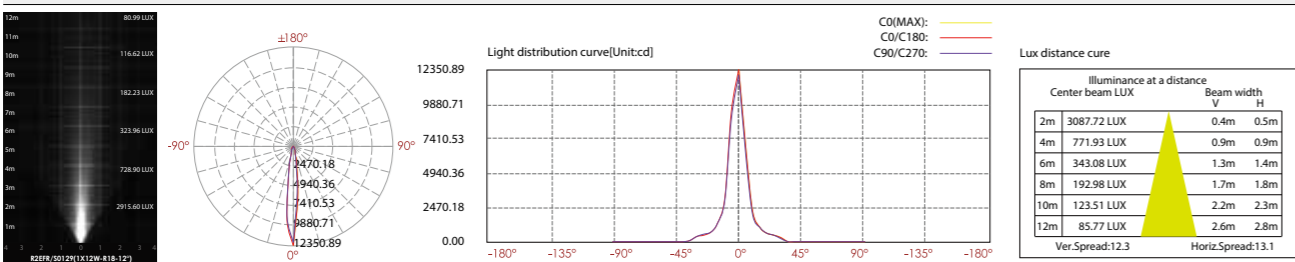
OPTIONAL HONEYCOMB LOUVER



TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R2EFR0129 R2EFS0129	1×12W COB	R18	22°	24V DC 120/240	24V = 529 120V = 102 240V = 64	24V = 12.7 120V = 14 240V = 14	Cool White = 1357 Warm White = 1230	10

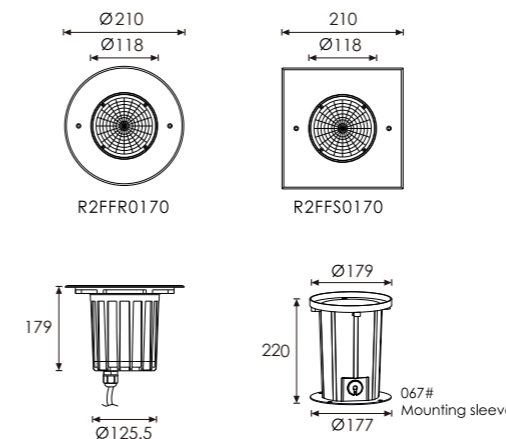
PHOTOMETRIC CURVES



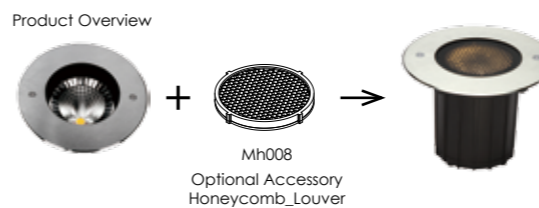
High Luminance Output Inground Flood Light



OUTER DIMENSIONS & ACCESSORIES Unit:mm



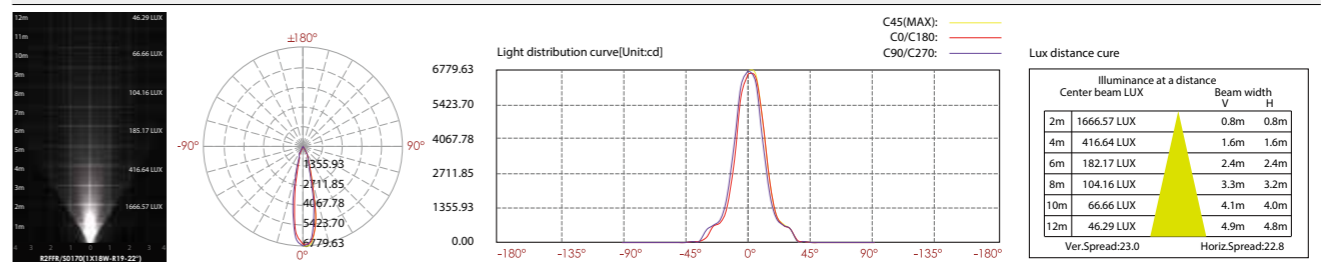
OPTIONAL HONEYCOMB LOUVER



TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R2FFR0170 R2FFS0170	1×18W COB	R19	22°	24V DC 120/240	24V = 700 120V = 140 240V = 85	24V = 17 120V = 18.5 240V = 18.5	Cool White = 1748 Warm White = 1530	10

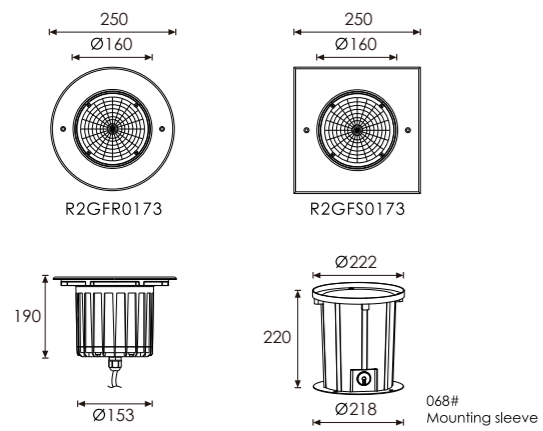
PHOTOMETRIC CURVES



High Luminance Output Inground Flood Light

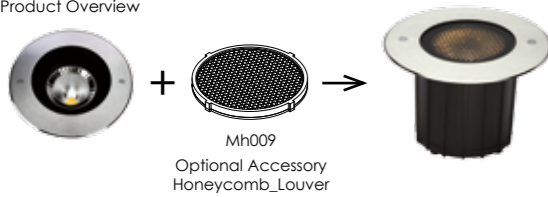


OUTER DIMENSIONS & ACCESSORIES Unit:mm



OPTIONAL HONEYCOMB LOUVER

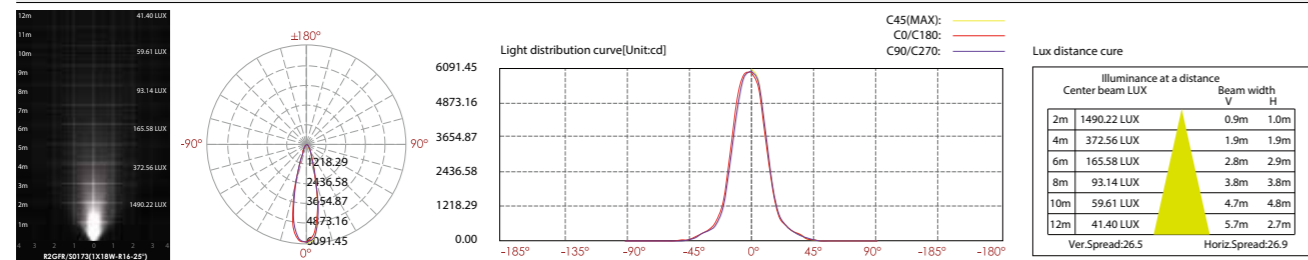
Product Overview



TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R2GFR0173	1×25W COB	R16	12°	24V DC	24V = 1040	24V = 25	Cool White = 2365	10
R2GFS0173				120V/240	120V = 240 240V = 130	120V = 28 240V = 28	Warm White = 1849	

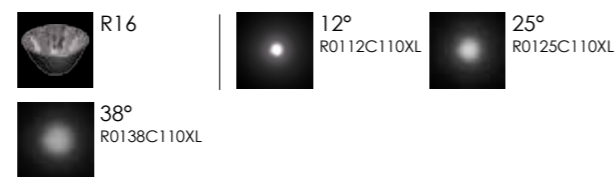
PHOTOMETRIC CURVES



LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS



MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting dark grey powder coated aluminum T=60-80µm Adhesion of ISO class 1/ATM class 4B
FRONT COVER	Hard chrome-plated stainless steel SUS 316L#
LIGHT WINDOW	Tempered frosted step glass,T=10mm
REFLECTOR	Optical Reflector efficiency≥90%
LED	NICHIA COB
GLASS PRESSURE CAPACITY	Full Area=501.6kgs
CABLE GLAND	IP68 PG-13.5 PA66
GASKET	Molding shaped seal
LED DRIVER	Constant Voltage Input,Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H07RN-F 2X1.5mm ² L=0.5m(low voltage) H07RN-F 3X1.5mm ² L=0.5m(high voltage)
MOUNTING SLEEVE	ABS 068#



COB Depth Illuminant Mega LED Inground Light

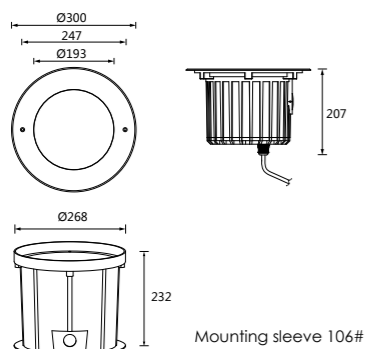


LED COLOUR TEMPERATURE

3000K · 5000K

OUTER DIMENSIONS

Unit:mm



Mounting sleeve 106#

OPTICS LENS

B57
L0115D090HK 15°
L0125D090HK 25°
L0136D090HK 36°

B57



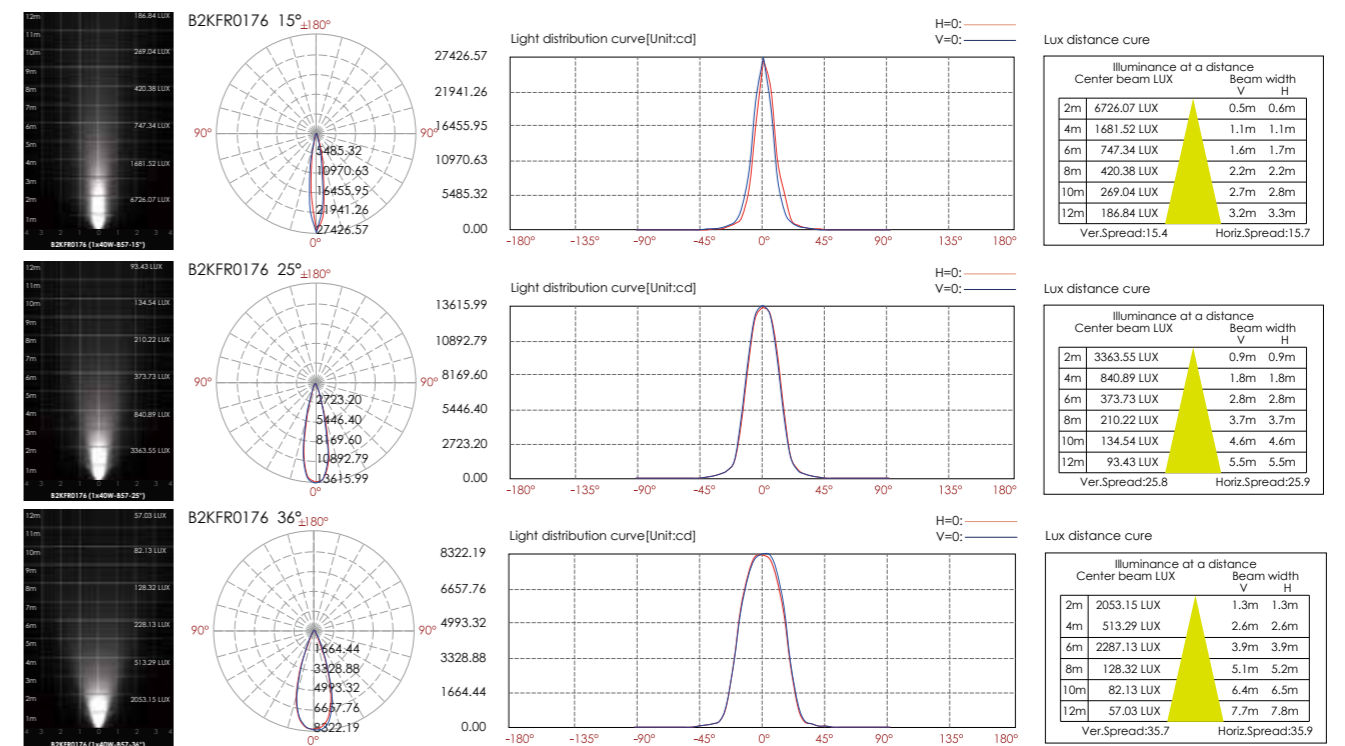
MATERIAL SPECIFICATIONS

Housing	12# die-casting grey powder coated aluminum . T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
Front cover	Hard chromeplated stainless steel SUS 316L#
Glass	Step tempered glass,T=10mm
Reflector	Optical Reflector efficiency≈90%
LED	CREE COB
Glass pressure capacity	Full area = 5356 kgs
Cable gland	IP68 PG-13.5 PA66
Gasket	Molding shaped seal
LED Driver	Constant Voltage Input,Constant Current Output
Operating temperature	-20°C~40°C
Power cable	H07RN-F 3X1.5mm L= 0.5m
Mounting sleeve	ABS 106#

TECHNICAL DATA

Item	Light source	Reflector	The manufacturer selected lens degree(°)θ1/2	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK
B2KFR0176	1×40W COB	B57	15°/25°/36°	120/240V	120V = 372 240V = 187	120V = 45.0 240V = 44.5	Cool white =3565 Warm white =3173	10

PHOTOMETRIC CURVES



Asymmetrical COB Inground Flood Light



LED COLOUR TEMPERATURE

3000K · 6000K

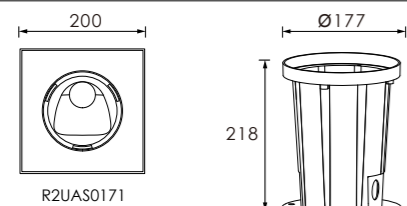
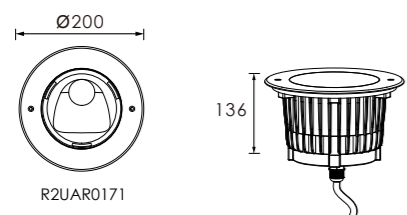
OPTICS



R22

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



102# Mounting sleeve

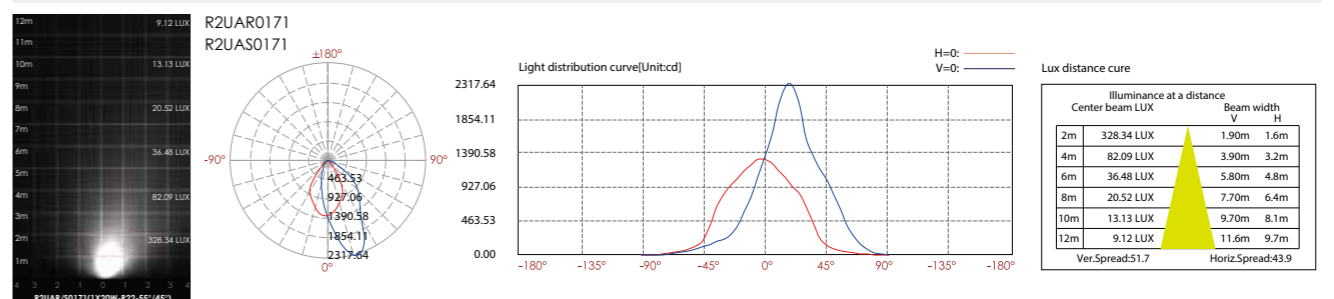
MATERIAL SPECIFICATIONS

- Front cover & Housing** | 12 # Die-casting grey powder coated aluminum, T=60-80µm Adhesion of ISO class 1/ASTM class 4B
- Front ring** | Hard chromeplated stainless steel SUS 316L #
- Light window** | Step tempered glass, T=8mm
- Glass pressure capacity** | Full area=3489kgs
- Cable gland** | IP68 PG-9 PA66
- Gasket** | Silicone seal
- LED** | COB LED
- Reflector** | Optical Reflector efficiency≥90%
- LED Driver** | Constant Voltage Input, Constant Current Output
- Operating temperature** | -20°C~40°C
- Power Cable** | H05RN-F 2X1.0mm² L=0.5m (low voltage)
H05RN-F 3X1.0mm² L=0.5m (high voltage)
- Mounting sleeve** | ABS 102 #

TECHNICAL DATA

Item	Light source	Lens	The manufacturer selected lens degree(°)θ1/2	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
R2UAR0171	1×20W	R22	55° 45°	24V DC	24V = 960	24V = 23.0	Cool white=2465 Warm white=2022	09
				120/240	120V = 205	120V = 24.0		
					240V = 104	240V = 24.4		
R2UAS0171	1×20W	R22	55° 45°	24V DC	24V = 960	24V = 23.0	Cool white=2465 Warm white=2022	09
				120/240	120V = 205	120V = 24.0		
					240V = 104	240V = 24.4		

PHOTOMETRIC CURVES



Recessed Inground Light

Stainless steel front cover with Matte Surface treatment



OPTICS



LED COLOUR TEMPERATURE

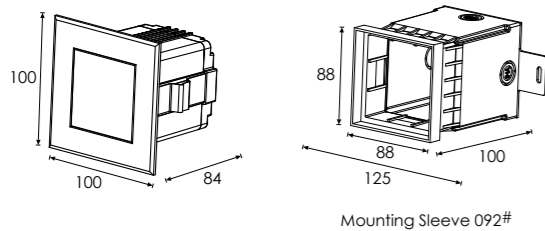
3000K · 6000K

MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting grey powder coated aluminum T=60-80um Adhesion of ISO class 1/ASTM class 4B
FRONT COVER	Hard chromeplated stainless steel SUS 316#
LIGHT WINDOW	Tempered frosted step glass.T=8mm
LED	NICHIA COB LED
CABLE GLAND	IP67 copper and nicked coated
GASKET	Molding shaped silicone seal
LED DRIVER	Constant Voltage Input,Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2×1.0mm ² L=0.5(low voltage) H05RN-F 3×1.0mm ² L=0.5(high voltage)
MOUNTING SLEEVE	ABS 092#

OUTER DIMENSIONS & ACCESSORIES

Unit:mm

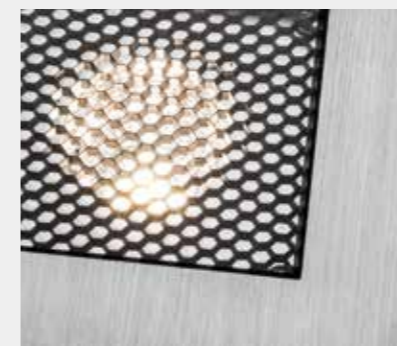
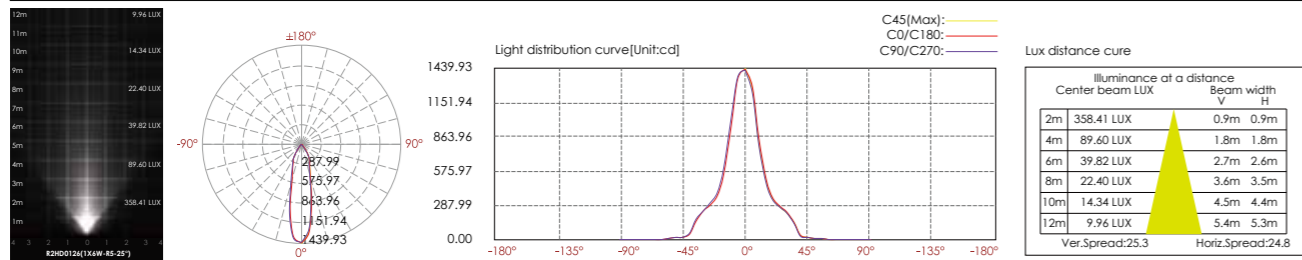


Mounting Sleeve 092#

TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R2HD0126	1×6W	R5	25°	24V DC 120/240	24V = 300 120V = 65 240V = 37	24V = 7.2 120V = 7.7 240V = 7.8	Cool White = 648 Warm White = 507	07

PHOTOMETRIC CURVES



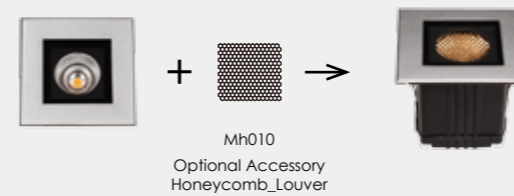
• Honeycomb for anti-glare



- There are two metals support plate on the bottom of the sleeve. It is used for fixing and preventing the mounting sleeve shifting while filling the concrete.
- These will simply installer and electrician while they are recessing the sleeves.

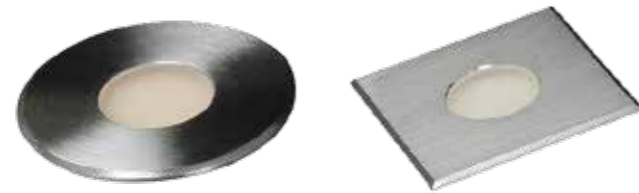
OPTIONAL HONEYCOMB LOUVER

Product Overview



Mh010
Optional Accessory
Honeycomb_Louwer

Recessed Wooden Floor Light

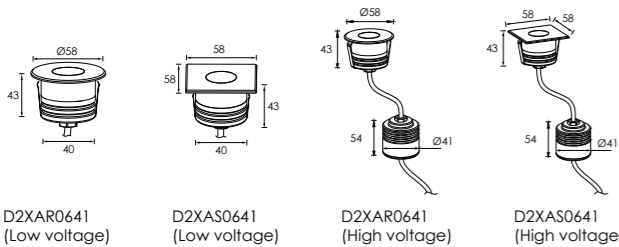


LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



D2XAR0641 (Low voltage) D2XAS0641 (Low voltage) D2XAR0641 (High voltage) D2XAS0641 (High voltage)



OPTICS

N/A

MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- FRONT RING** | Hard chrome plated stainless steel SUS 316#
- LIGHT WINDOW** | Tempered frosted step glass.T=7mm
- GLASS PRESSURE CAPACITY** | Full area=1106kgs
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.5m(low voltage)
H05RN-F 3X1.0mm² L=0.5m(high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

INSTALLATION DIAGRAM

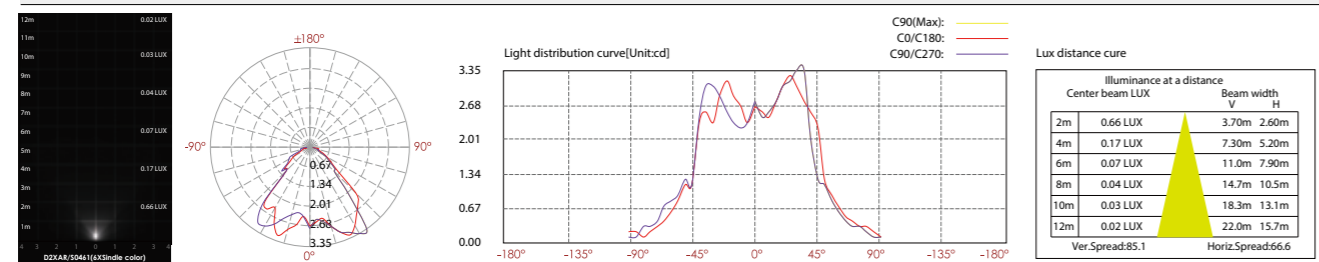


A: Minimum space for external driver is 48mm
B: IP67 120V/240V/24V&RGB 24V external input driver

TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D2XAR0641	6×0.06W	24V DC	24V = 17	24V = 0.4	Cool White = 2	10
D2XAS0641	Single color	240V	240V = 13	240V = 0.7	Warm White = 1	

PHOTOMETRIC CURVES



Small Size LED Inground Light

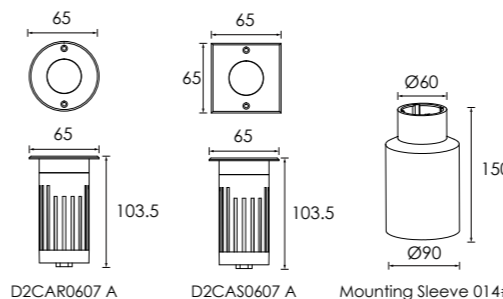


LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



D2CAR0607 A D2CAS0607 A Mounting Sleeve 014#

OPTICS

N/A

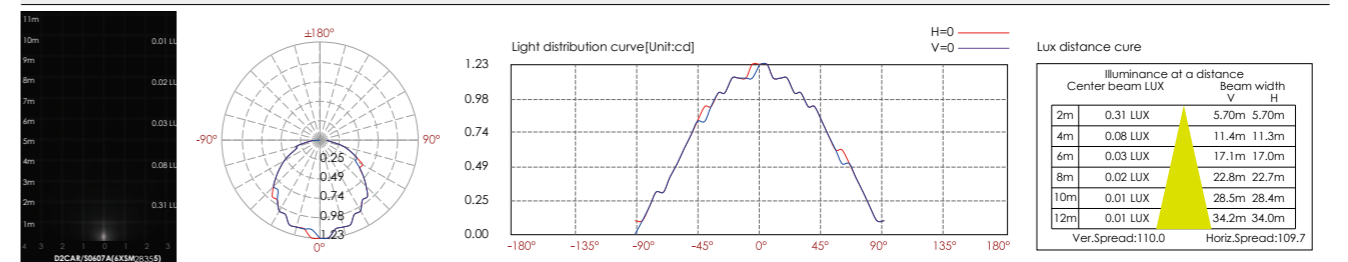
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum
T=60-80µm Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chrome plated stainless steel SUS 316#
- LIGHT WINDOW** | Tempered frosted step glass.T=5mm
- GLASS PRESSURE CAPACITY** | Full area=783kgs
- GASKET** | IP67 Copper and nicked coated
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.5m(low voltage)
H05RN-F 3X1.0mm² L=0.5m(high voltage)
- MOUNTING SLEEVE** | ABS 014#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D2CAR0607 A	6×SMD2835	24V DC 120/240	24V = 16	24V = 0.38	Cool White = 4 Warm White = 3.5	09
			120V = 13	120V = 0.7		
			240V = 7	240V = 0.8		
D2CAS0607 A	6×SMD2835	24V DC 120/240	24V = 16	24V = 0.38	Cool White = 4.1 Warm White = 3.5	09
			120V = 13	120V = 0.7		
			240V = 7	240V = 0.8		

PHOTOMETRIC CURVES



Recessed Wooden Floor Light

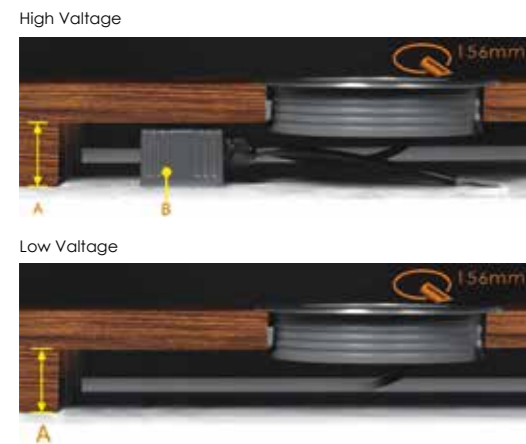
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS

N/A

INSTALLATION DIAGRAM

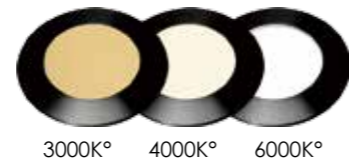


A: Minimum space for external driver is 48mm
B: External IP67 water-proof box for driver of high voltage type

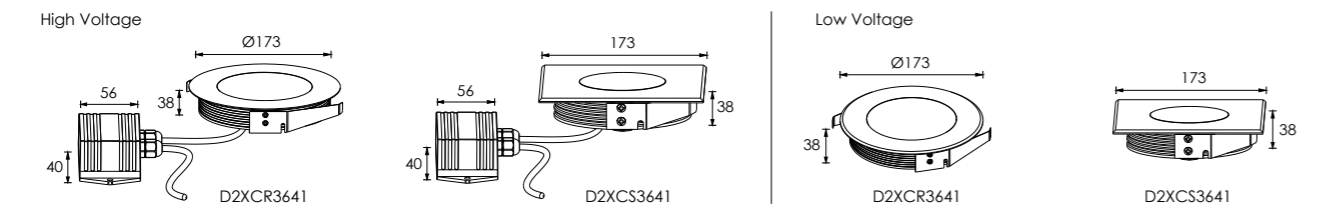


MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80μm. Adhesion of ISO class 1/ASTM class 4B
- FRONT RING** | Hard chrome plated stainless steel SUS 316L#
- LIGHT WINDOW** | Tempered frosted step glass. T=8mm
- GLASS PRESSURE CAPACITY** | Full area=3370kgs
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.5m (low voltage)
H05RN-F 3X1.0mm² L=0.5m (high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali



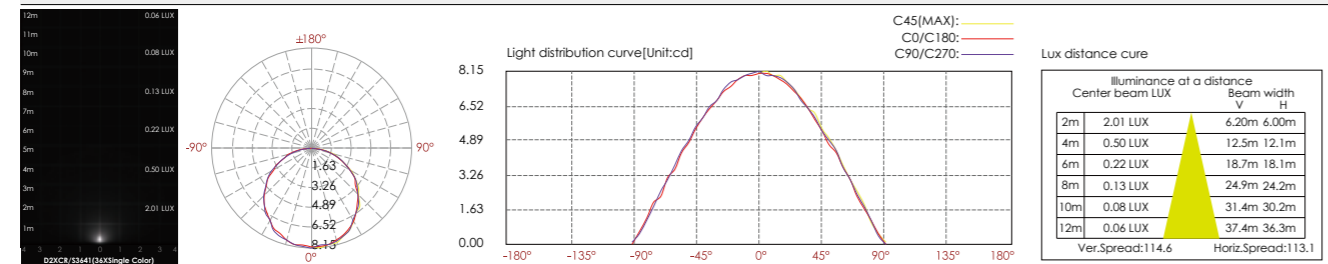
OUTER DIMENSIONS & ACCESSORIES



TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D2XCR3641	36x0.06W	24V DC	24V = 100	24V = 2.4	Cool White = 51	08
D2XCS3641	Single color	240V	240V = 29	240V = 3.1	Warm White = 42	08

PHOTOMETRIC CURVES



Recessed Wooden Floor Light

LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS

N/A

INSTALLATION DIAGRAM



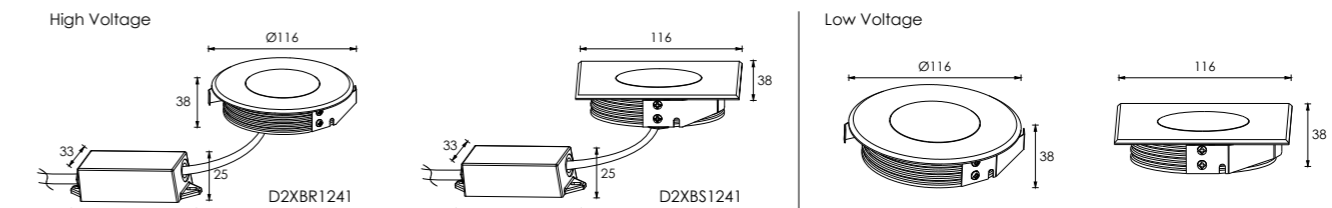
A: Minimum space for external driver is 48mm
B: External IP67 water-proof box for driver of high voltage · RGB · RGBW type



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80μm. Adhesion of ISO class 1/ASTM class 4B
- FRONT RING** | Hard chrome plated stainless steel SUS 316L#
- LIGHT WINDOW** | Tempered frosted step glass. T=8mm
- GLASS PRESSURE CAPACITY** | Full area=3370kgs
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.5m (low voltage)
H05RN-F 3X1.0mm² L=0.5m (high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

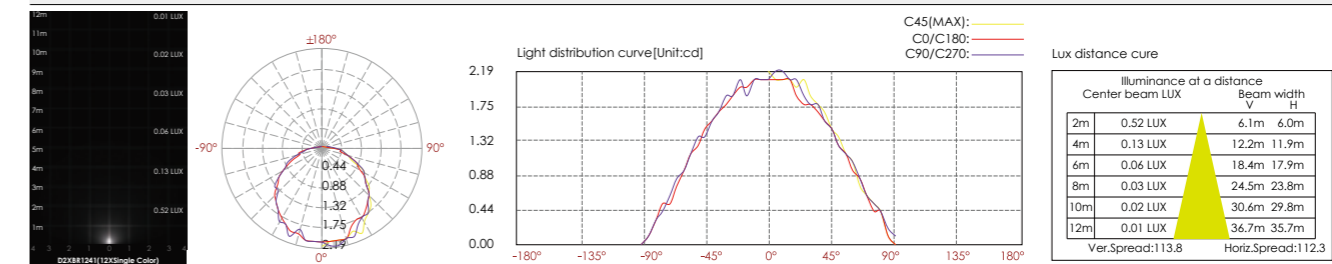
OUTER DIMENSIONS & ACCESSORIES



TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D2XBR1241	12x0.06W	24V DC	24V = 34	24V = 0.8	Cool White = 20	08
D2XBS1241	single color	240V	240V = 17	240V = 1.2	Warm White = 13	08

PHOTOMETRIC CURVES



Recessed Inground Light

Stainless steel front cover with Matte Surface treatment



LED COLOUR TEMPERATURE

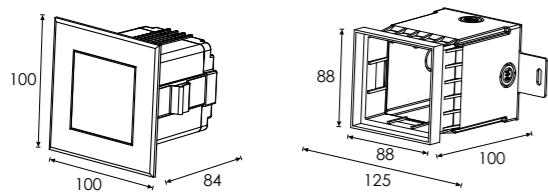
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



Mounting Sleeve 092#

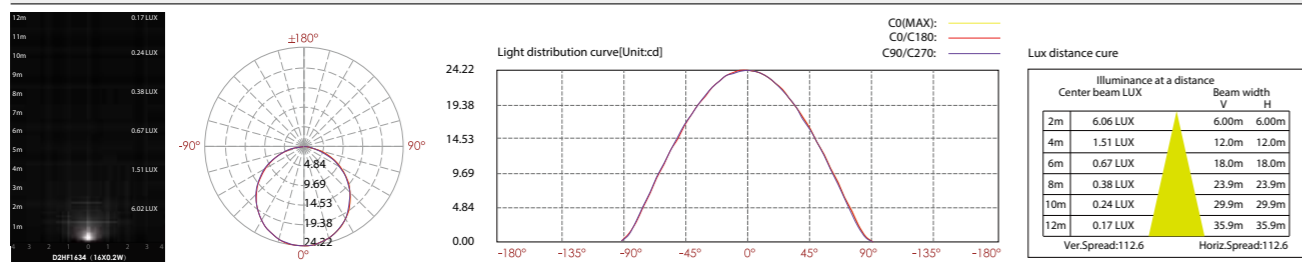
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum
T=60-80um Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chromeplated stainless steel SUS 316L#
- LIGHT WINDOW** | Tempered frosted step glass.T=8mm,white print
- LED** | SMD3030 type LED
- CABLE GLAND** | IP67 copper and nicked coated
- GASKET** | Molding shaped silicone seal
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2×1.0mm2 L=0.5(kow voltage)
H05RN-F 3×1.0mm2 L=0.5(high voltage)
- MOUNTING SLEEVE** | ABS 092#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dalí

TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D2HF1634	16×0.2W	24V DC	24V = 125	24V = 3	Cool White = 72 Warm White = 65	09
		120 / 240	120V = 58	120V = 3.7		
			240V = 34	240V = 3.8		

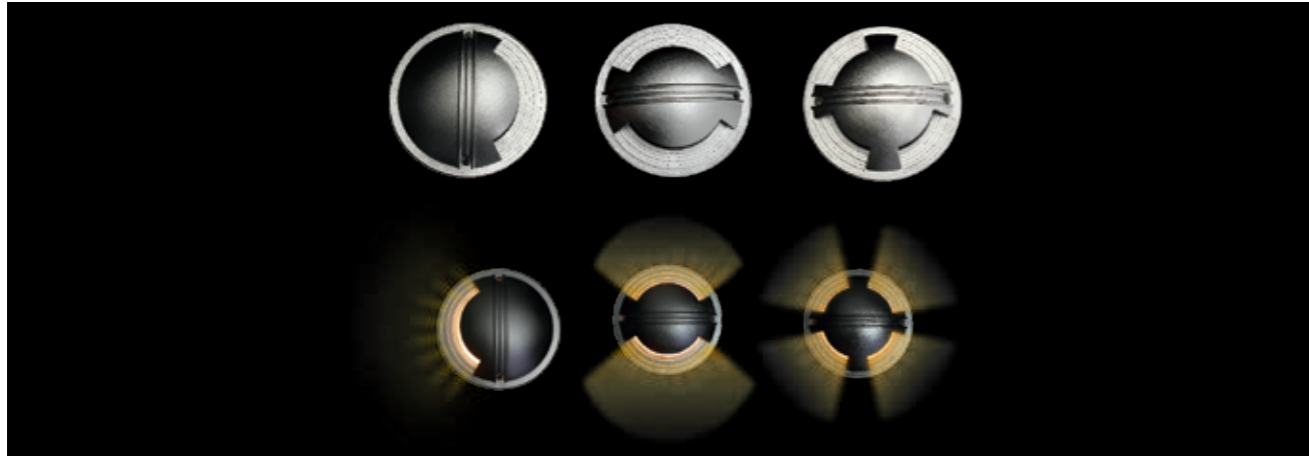
PHOTOMETRIC CURVES



- There are two metals support plate on the bottom of the sleeve. It is used for fixing and preventing the mounting sleeve shifting while filling the concrete.
- These will simply installer and electrician while they are recessing the sleeves.

Strong Load Bearing Capacity

Spot type LED Drive-Over Light/Stainless Steel Front Cover



LED COLOUR TEMPERATURE

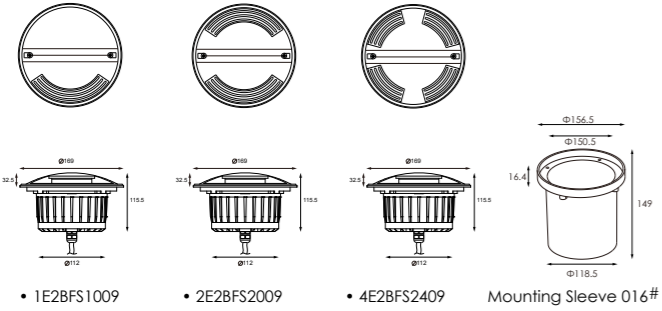
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



• 1E2BFS1009 • 2E2BFS2009 • 4E2BFS2409 Mounting Sleeve 016#

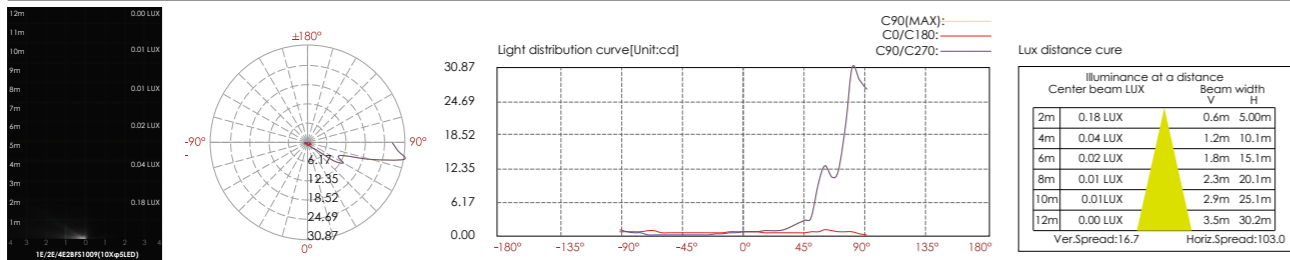
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chrome plated stainless steel SUS 316#
- LOADING CAPACITY** | >2000kg
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Molding shaped silicone seal
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H07RN-F 2X1.0mm² L=0.5m (low voltage)
H07RN-F 3X1.0mm² L=0.5m (high voltage)
- MOUNTING SLEEVE** | ABS 016#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

TECHNICAL DATA

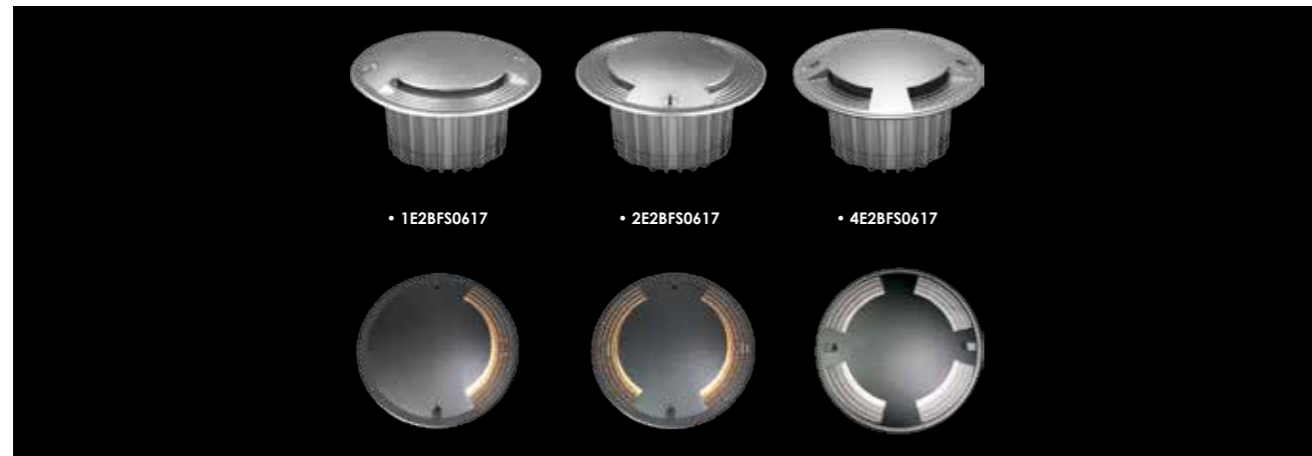
ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	IK
1E2BFS1009	10×Φ5 LED	24V DC 120 / 240	24V = 34	24V = 0.8	10
			120V = 25	120V = 1.2	
			240V = 17	240V = 1.4	
2E2BFS2009	20×Φ5 LED	24V DC 120 / 240	24V = 68	24V = 1.6	10
			120V = 36	120V = 2.1	
			240V = 21	240V = 2.1	
4E2BFS2409	24×Φ5 LED	24V DC 120 / 240	24V = 71	24V = 1.7	10
			120V = 38	120V = 2.4	
			240V = 23	240V = 2.4	

PHOTOMETRIC CURVES



Strong Load Bearing Capacity

LED Drive-Over Light/Stainless Steel Front Cover

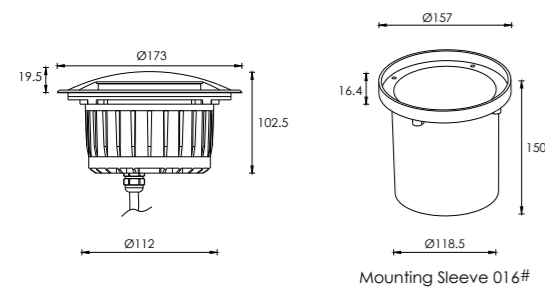


LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



OPTICS

N/A

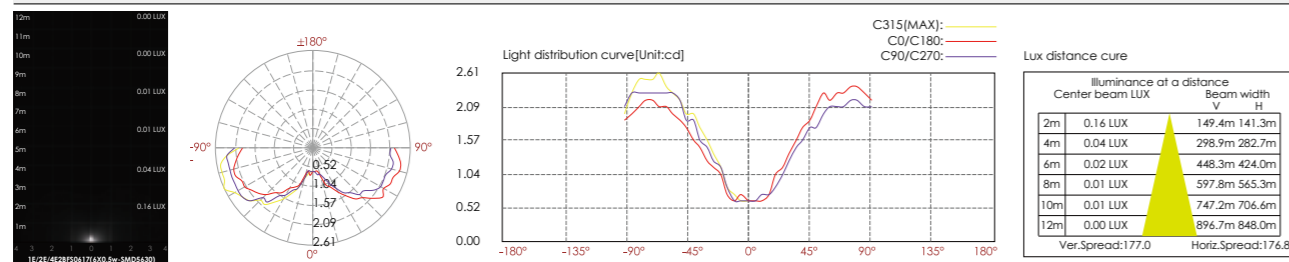
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80µm.Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chromeplated stainless steel SUS 316#
- LOADING CAPACITY** | >2000kg
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Molding shaped silicone seal
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.5m(low voltage)
H05RN-F 3X1.0mm2 L=0.5m(high voltage)
- MOUNTING SLEEVE** | ABS 016#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

TECHNICAL DATA

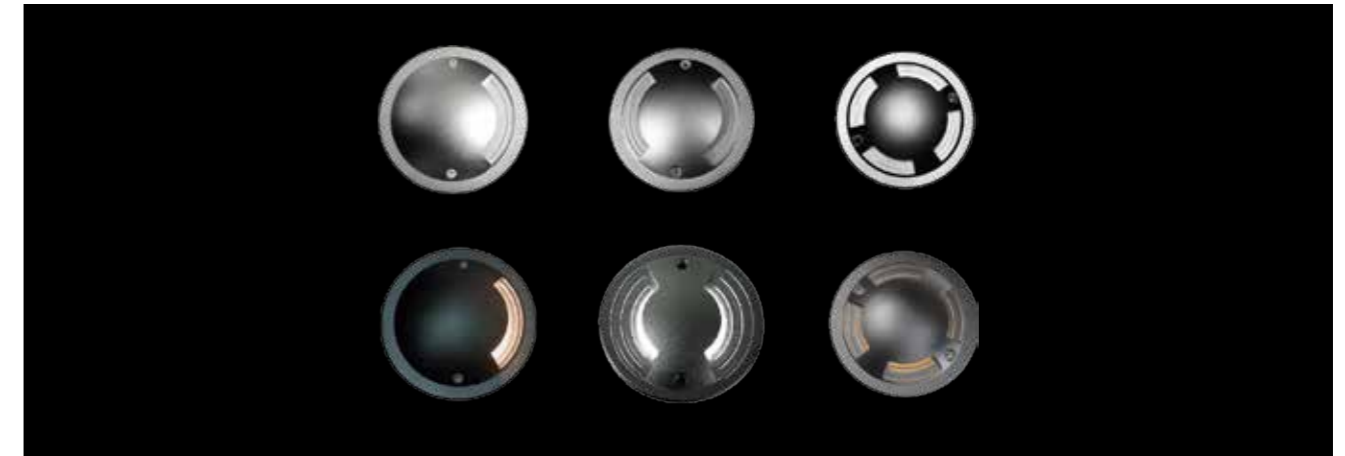
ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	IK
1E2BFS0617	SMD3030 LED6×0.5W	24V DC 120 / 240	24V = 124	24V = 2.9	10
			120V = 57	120V = 3.9	
			240V = 33	240V = 4	
2E2BFS0617	SMD3030 LED6×0.5W	24V DC 120 / 240	24V = 124	24V = 2.9	10
			120V = 57	120V = 3.9	
			240V = 33	240V = 4	
4E2BFS0617	SMD3030 LED6×0.5W	24V DC 120 / 240	24V = 124	24V = 2.9	10
			120V = 57	120V = 3.9	
			240V = 33	240V = 4	

PHOTOMETRIC CURVES



Strong Load Bearing Capacity

LED Drive-Over Light/Stainless Steel Front Cover



LED COLOUR TEMPERATURE

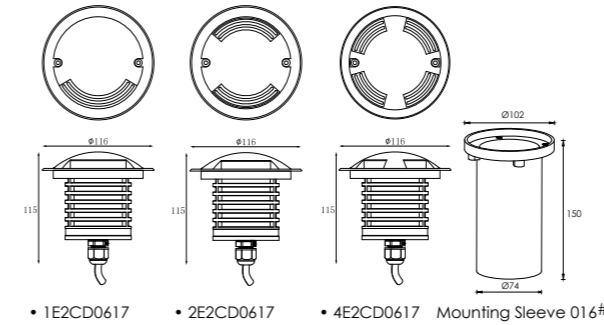
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



MATERIAL SPECIFICATIONS

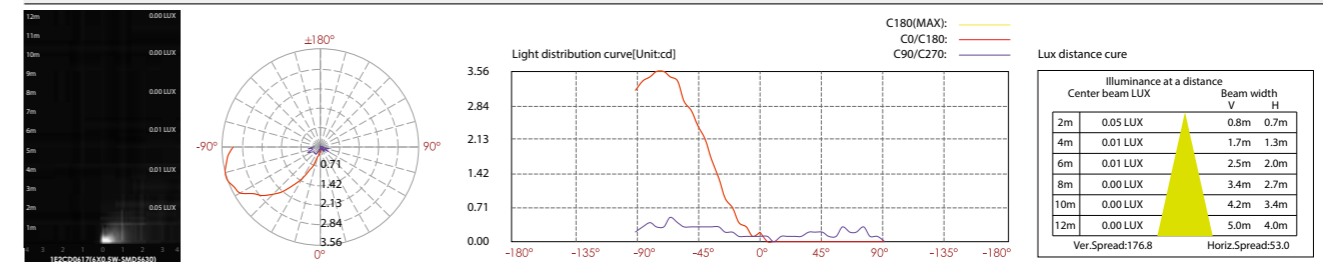
- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80µm.Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chromeplated stainless steel SUS 316#
- LIGHT WINDOW** | Step tempered clear glass,T=8mm
- LOADING CAPACITY** | >2000kg
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Molding shaped silicone seal
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.5m(low voltage)
H05RN-F 3X1.0mm2 L=0.5m(high voltage)
- MOUNTING SLEEVE** | ABS 015#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali



TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	IK
1E2CD0617	SMD3030 LED6×0.5W	24V DC 120/240	24V = 124	24V = 2.9	10
			120V = 57	120V = 3.9	
			240V = 33	240V = 4	
2E2CD0617	SMD3030 LED6×0.5W	24V DC 120/240	24V = 124	24V = 2.9	10
			120V = 57	120V = 3.9	
			240V = 33	240V = 4	
4E2CD0617	SMD3030 LED6×0.5W	24V DC 120/240	24V = 124	24V = 2.9	10
			120V = 57	120V = 3.9	
			240V = 33	240V = 4	

PHOTOMETRIC CURVES



Strong Load Bearing Capacity

LED Drive-Over Light/Stainless Steel Front Cover



LED COLOUR TEMPERATURE

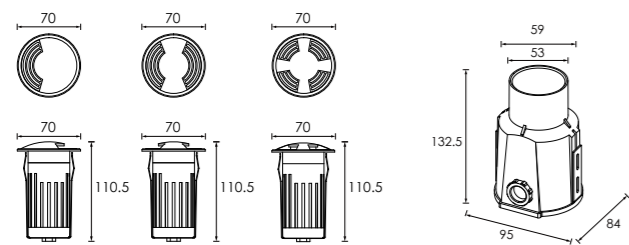
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



• 1E2CA0157 A • 2E2CA0157 A • 4E2CA0157 A

Mounting Sleeve 065#

MATERIAL SPECIFICATIONS

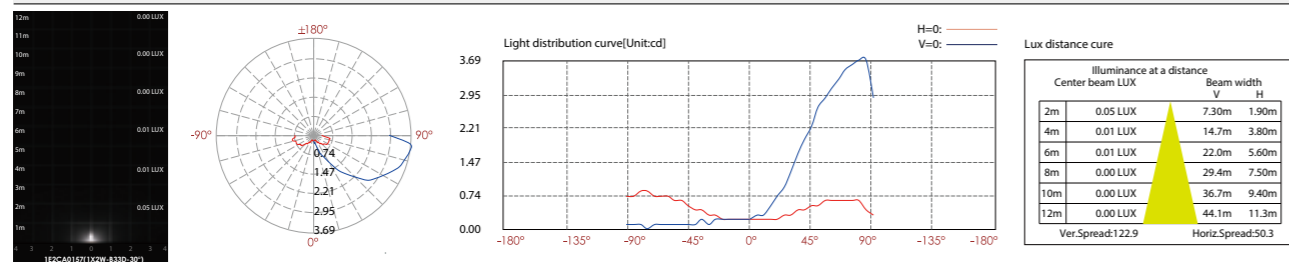
HOUSING	12# Die-casting dark grey powder coated aluminum T=60-80µm.Adhesion of ISO class 1/ASTM class 4B
FRONT COVER	Hard chromeplated stainless steel SUS 316#
LOADING CAPACITY	>2000kg
GASKET	Molding shaped silicone seal
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm2 L=0.5m(low voltage) H05RN-F 3X1.0mm2 L=0.5m(high voltage)
MOUNTING SLEEVE	065# ABS plastic
DIMMABLE SUPPORT	Triac PWM 1-10V Dali



TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
1E2CA0157 A	1×2W	24V DC 120/240	24V = 108	24V = 2.5	Cool White = 4.8	10
			120V = 47	120V = 3	Warm White = 4.3	
			240V = 28	240V = 3		
2E2CA0157 A	1×2W	24V DC 120/240	24V = 108	24V = 2.5	Cool White = 4.8	10
			120V = 47	120V = 3	Warm White = 4.3	
			240V = 28	240V = 3		
4E2CA0157 A	1×2W	24V DC 120/240	24V = 108	24V = 2.5	Cool White = 4.8	10
			120V = 47	120V = 3	Warm White = 4.3	
			240V = 28	240V = 3		

PHOTOMETRIC CURVES



Strong Load Bearing Capacity

LED Drive-Over Light/Stainless Steel Front Cover



LED COLOUR TEMPERATURE

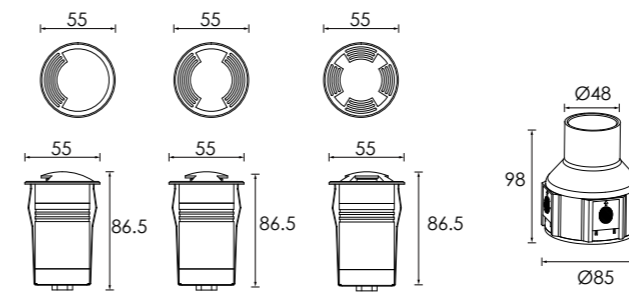
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



• 1E2WC0157 A • 2E2WC0157 A • 4E2WC0157 A

Mounting Sleeve 011#

MATERIAL SPECIFICATIONS

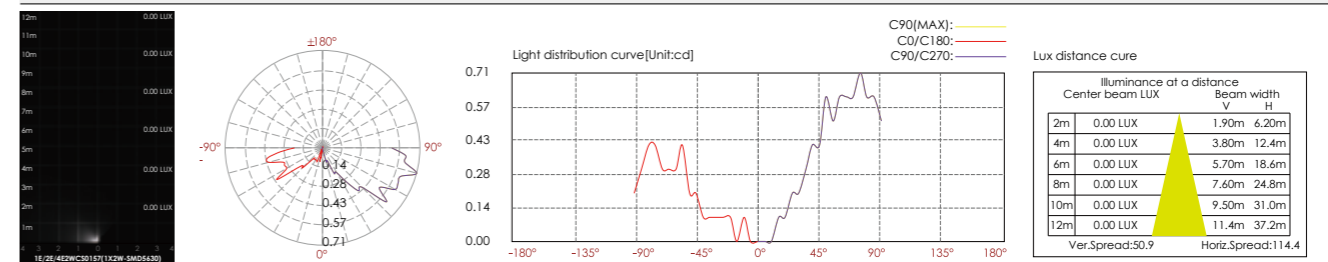
HOUSING	12# Die-casting dark grey powder coated aluminum T=60-80µm.Adhesion of ISO class 1/ASTM class 4B
FRONT COVER	Hard chromeplated stainless steel SUS 316#
LOADING CAPACITY	>2000kg
GASKET	Molding shaped silicone seal
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm2 L=0.5m(low voltage) H05RN-F 3X1.0mm2 L=0.5m(high voltage)
MOUNTING SLEEVE	011# ABS
DIMMABLE SUPPORT	Triac PWM 1-10V Dali



TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
1E2WC0157 A	1×2W	24V DC 120/240	24V = 110	24V = 2.6	Cool White = 1.5	10
			120V = 48	120V = 3.1	Warm White = 1.3	
			240V = 28	240V = 3		
2E2WC0157 A	1×2W	24V DC 120/240	24V = 110	24V = 2.6	Cool White = 2.0	10
			120V = 48	120V = 3.1	Warm White = 1.7	
			240V = 28	240V = 3		
4E2WC0157 A	1×2W	24V DC 120/240	24V = 110	24V = 2.6	Cool White = 2.0	10
			120V = 48	120V = 3.1	Warm White = 1.7	
			240V = 28	240V = 3		

PHOTOMETRIC CURVES



Strong Load Bearing Capacity

LED Drive-Over Light/Stainless Steel Front Cover



LED COLOUR TEMPERATURE

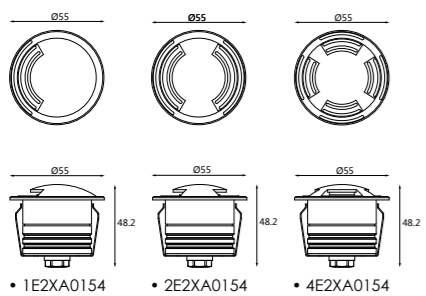
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80µm, Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chrome plated stainless steel SUS 316#
- LOADING CAPACITY** | >2000kg
- GASKET** | Molding shaped silicone seal
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.5m
- MOUNTING SLEEVE** | 062# ABS plastic
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

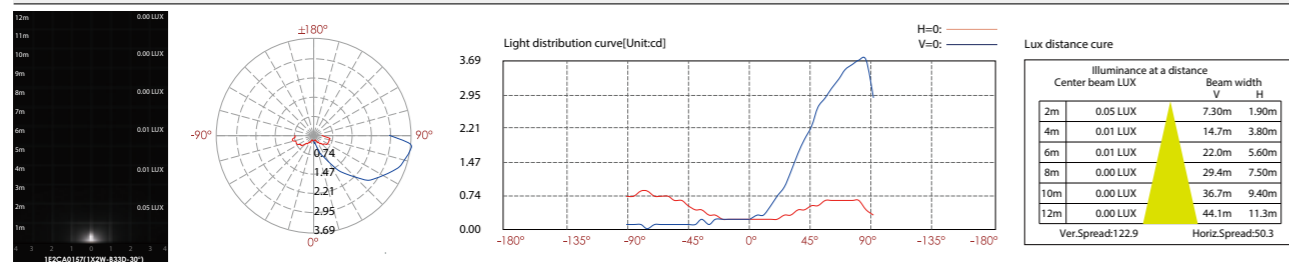


Mounting Sleeve 062#

TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
1E2XA0154	1×2W	24V DC	24V = 110	24V = 2.6	Cool White = 1.5 Warm White = 1.3	10
2E2XA0154	1×2W	24V DC	24V = 110	24V = 2.6	Cool White = 2 Warm White = 1.7	10
4E2XA0154	1×2W	24V DC	24V = 110	24V = 2.6	Cool White = 2 Warm White = 1.7	10

PHOTOMETRIC CURVES

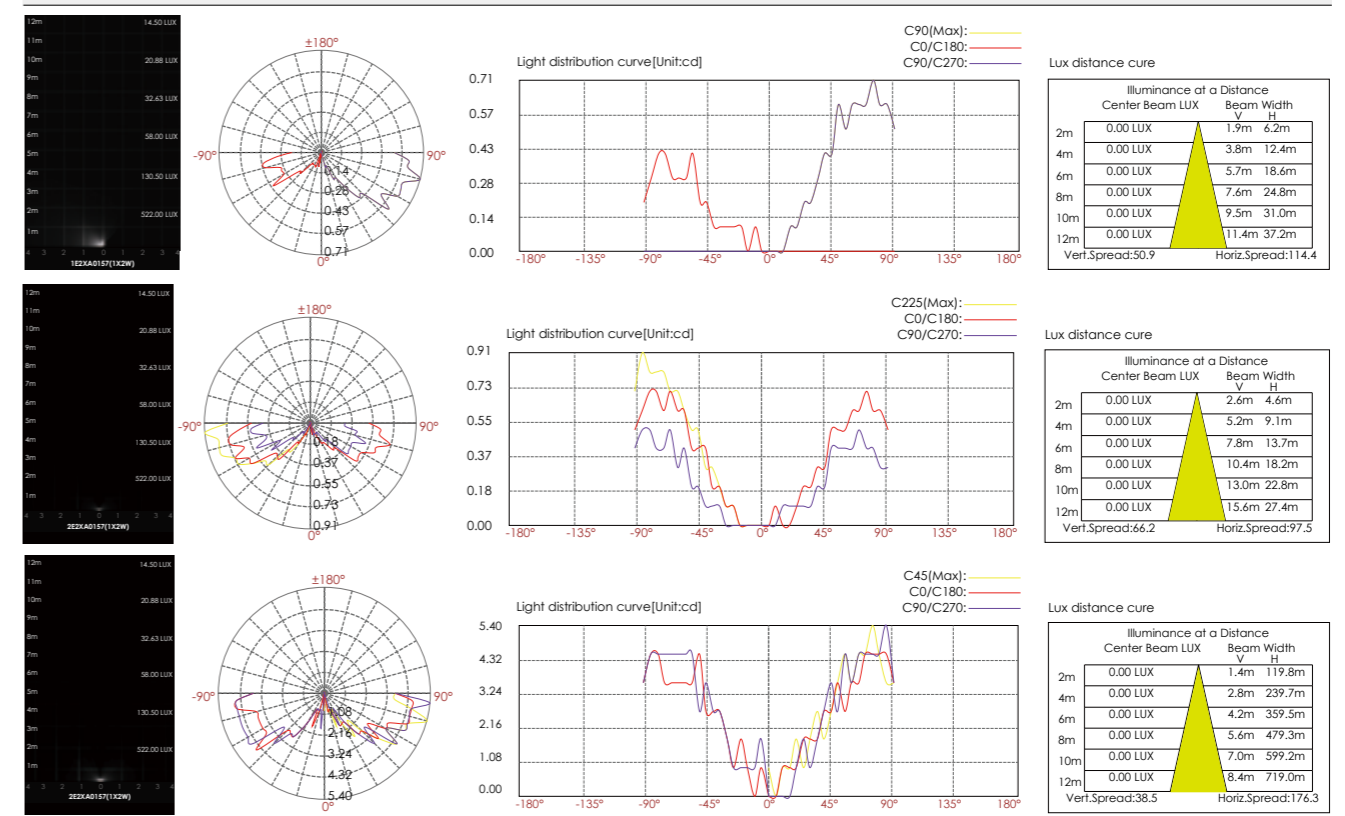


INSTALLATION DIAGRAM



A: Minimum space for external driver is 48mm

PHOTOMETRIC CURVES



Strong Load Bearing Capacity

LED Drive-Over Light/Stainless Steel Front Cover



LED COLOUR TEMPERATURE

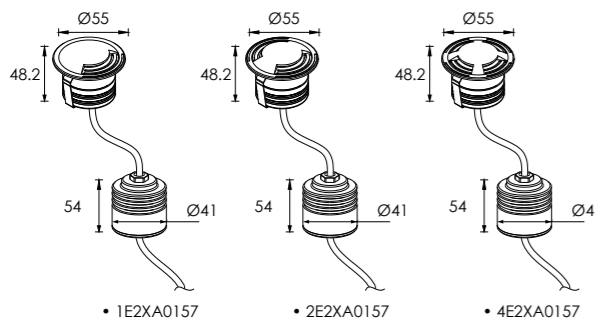
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80µm, Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chrome plated stainless steel SUS 316#
- LOADING CAPACITY** | >2000kg
- GASKET** | Molding shaped silicone seal
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.5m
- MOUNTING SLEEVE** | 062# ABS plastic



INSTALLATION DIAGRAM

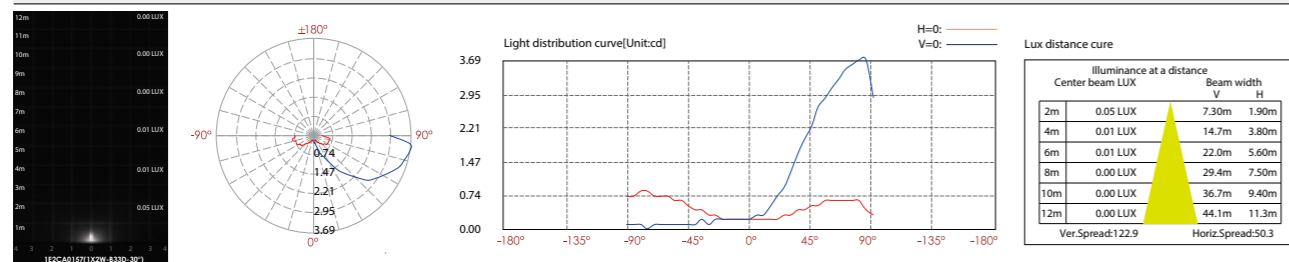


A: Minimum space for external driver is 48mm
B: IP67 120V/240V/24V external input driver

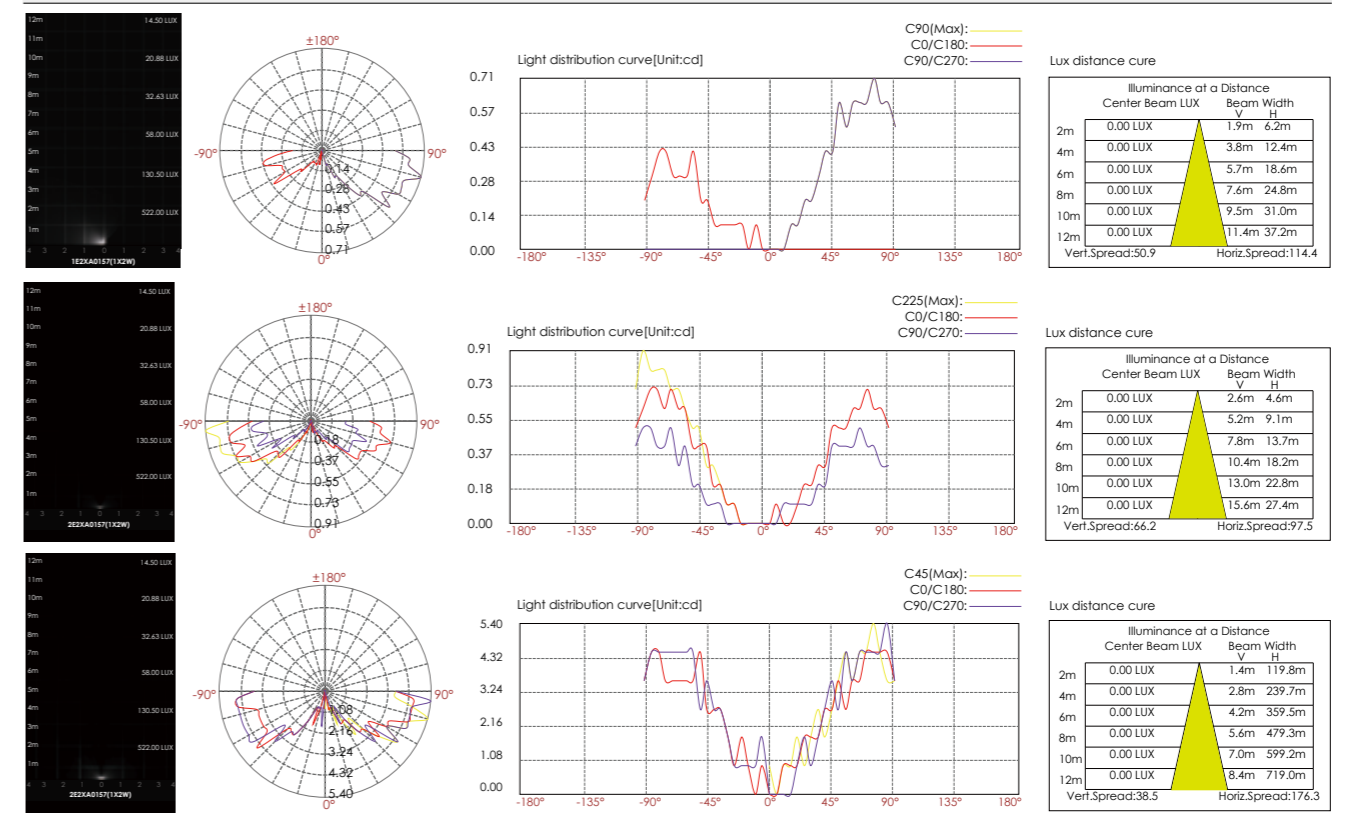
TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
1E2XA0157	1×2W	24V DC 120/240	24V = 108	24V = 2.5	Cool White = 1.5 Warm White = 1.3	10
			120V = 47	120V = 3		
			240V = 28	240V = 3		
2E2XA0157	1×2W	24V DC 120/240	24V = 108	24V = 2.5	Cool White = 2 Warm White = 1.7	10
			120V = 47	120V = 3		
			240V = 28	240V = 3		
4E2XA0157	1×2W	24V DC 120/240	24V = 108	24V = 2.5	Cool White = 2 Warm White = 1.7	10
			120V = 47	120V = 3		
			240V = 28	240V = 3		

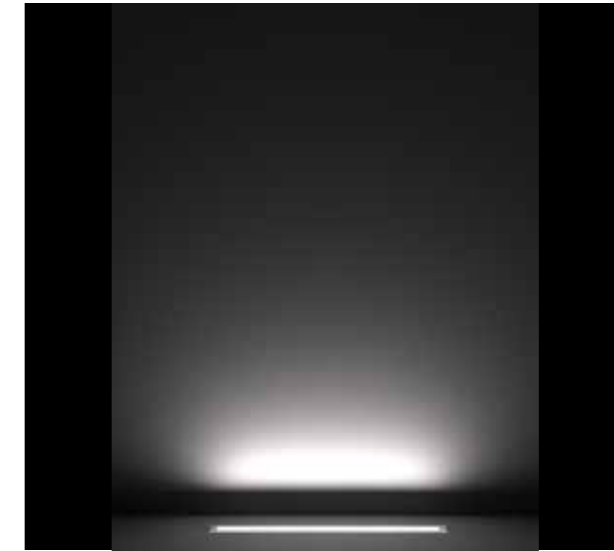
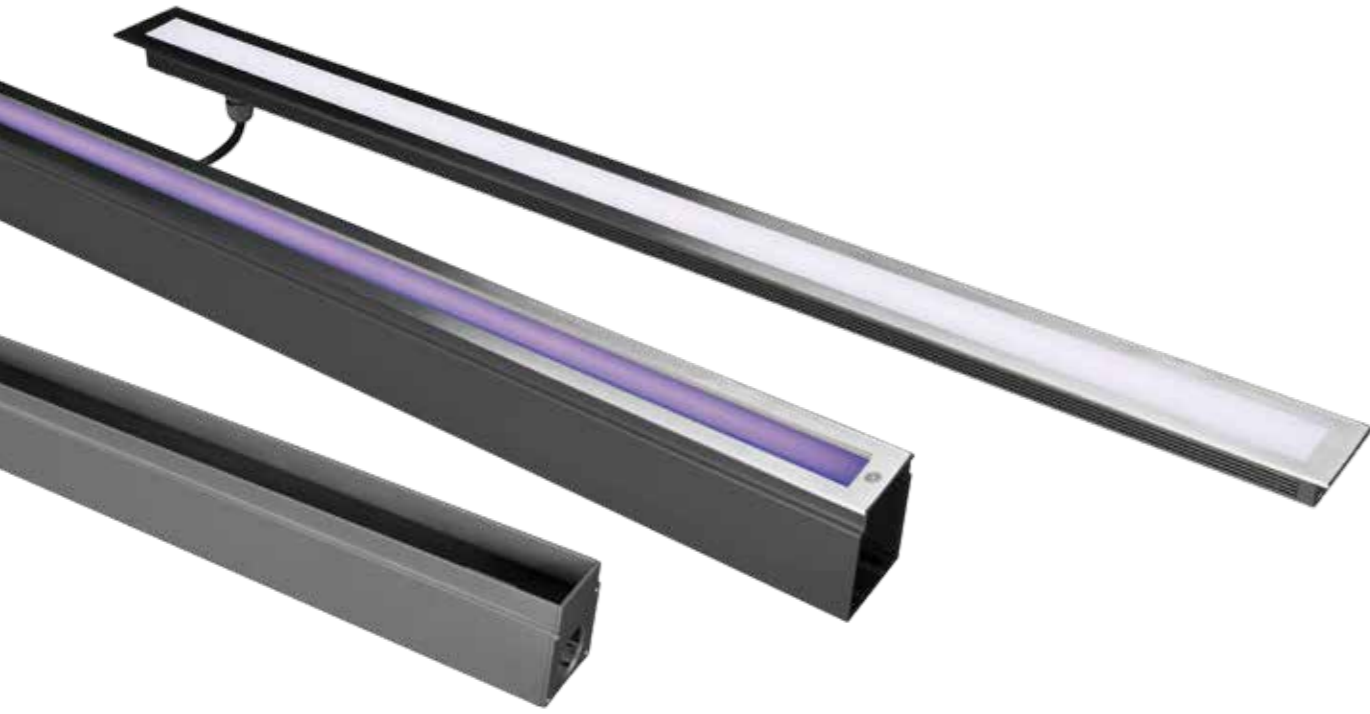
PHOTOMETRIC CURVES



PHOTOMETRIC CURVES



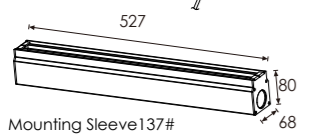
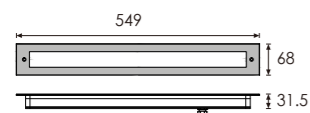
Soft Beam



Lighting Effect demo

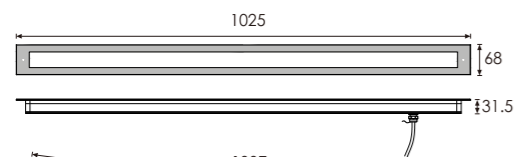
OUTER DIMENSIONS & ACCESSORIES

Unit:mm



Mounting Sleeve137#

D2RLB4834



Mounting Sleeve138#

D2RLB9634

LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS

N/A

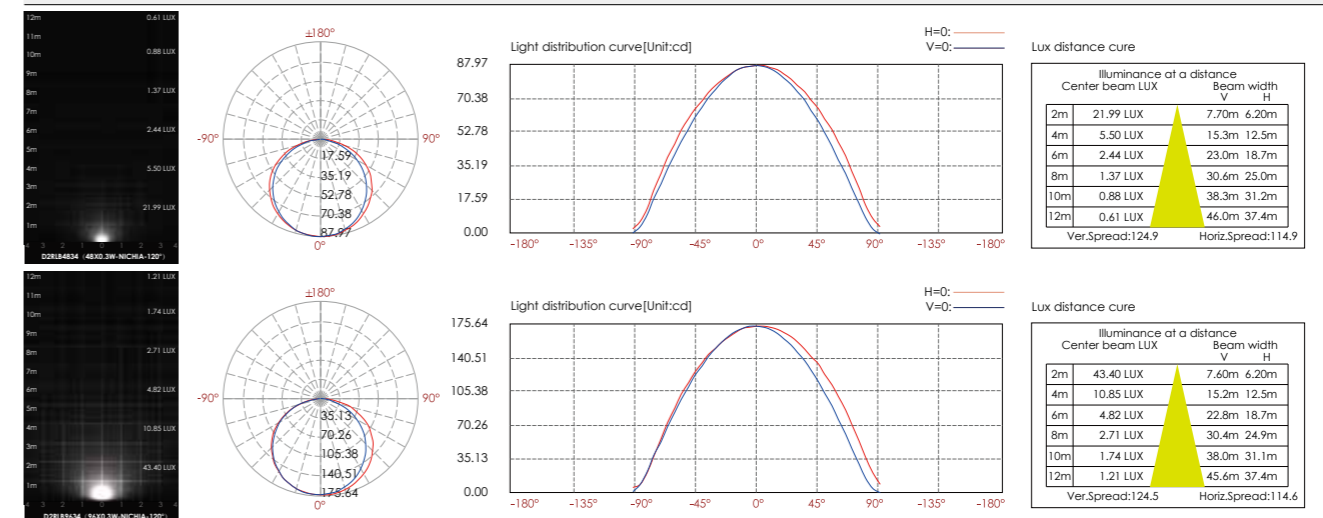
MATERIAL SPECIFICATIONS

- HOUSING** | Extruded aluminum, powder coated
- FRONT COVER** | Hard chrome-plated stainless steel SUS 316L
- LIGHT WINDOW** | Tempered frosted step glass.T=6mm
- LED** | NICHIA LED 3030@0.5W
- CABLE GLAND** | IP68 PG-9 PA66
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.5m(low voltage)
H05RN-F 3X1.0mm2 L=0.5m(high voltage)
- MOUNTING SLEEVE** | Powder Coated Aluminum 137# 138#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENGTH(MM)	LENS DEGREE(°)θ1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D2RLB4834	48X0.3W NICHIA	549	120°	24V DC 120/240	24V = 555	24V = 13.2	Cool White = 300 Warm White = 274	07
					120V = 106	120V = 12.5		
					240V = 60	240V = 13		
D2RLB9634	96X0.3W NICHIA	1025	120°	24V DC 120/240	24V = 1108	24V = 26.5	Cool White = 602 Warm White = 545	07
					120V = 212	120V = 24		
					240V = 107	240V = 24.5		

PHOTOMETRIC CURVES



Symmetrical



LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS

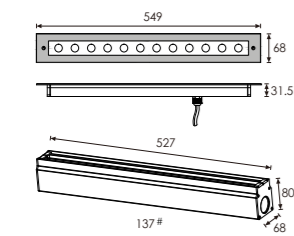
N/A

MATERIAL SPECIFICATIONS

- HOUSING** | Extruded aluminum, powder coated
- FRONT COVER** | Hard chrome-plated stainless steel SUS 316L
- LIGHT WINDOW** | Tempered frosted step glass.T=6mm
- LENS** | Optical lens.efficiency≥85%
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Glass and housing are silicone sealed
- LED** | Single color OSRAM LED
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.5m(low voltage)
H05RN-F 3X1.0mm² L=0.5m(high voltage)
- MOUNTING SLEEVE** | Powder Coated Aluminum 137# 138#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

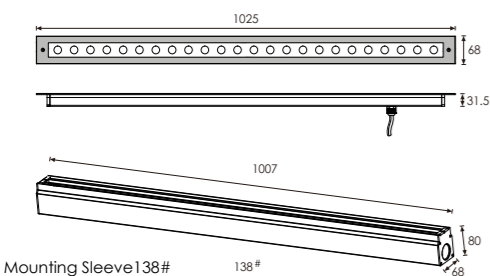
OUTER DIMENSIONS & ACCESSORIES

Unit:mm



Mounting Sleeve137#

B2RLB1257



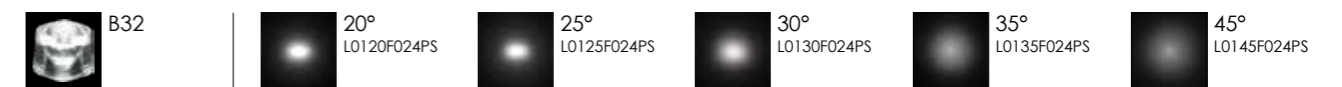
Mounting Sleeve138#

B2RLB2457



Lighting Effect demo

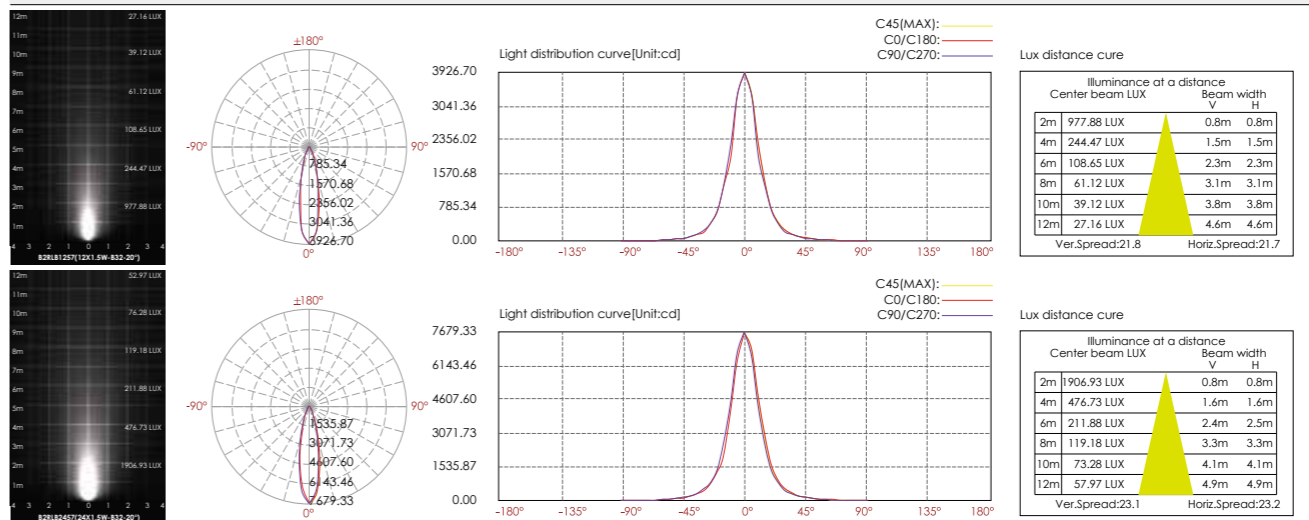
OPTICS



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENGTH(MM)	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B2RLB1257	12×1.5W Single color	B32	549	20°	24V DC 120/240	24V = 910	24V = 22	Cool White = 1108 Warm White = 1020	07
						120V = 143	120V = 17		
						240V = 79	240V = 17.5		
B2RLB2457	24×1.5W Single color	B32	1025	20°	24V DC 120/240	24V = 1826	24V = 44	Cool White = 2957 Warm White = 2055	07
						120V = 312	120V = 36		
						240V = 156	240V = 36.4		

PHOTOMETRIC CURVES



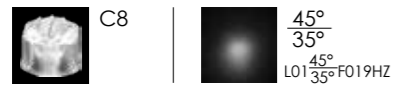
Asymmetrical



LED COLOUR TEMPERATURE

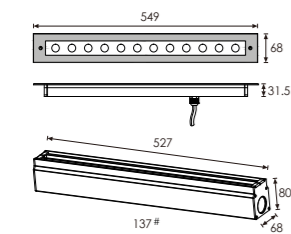
2000K · 3000K · 6000K

OPTICS



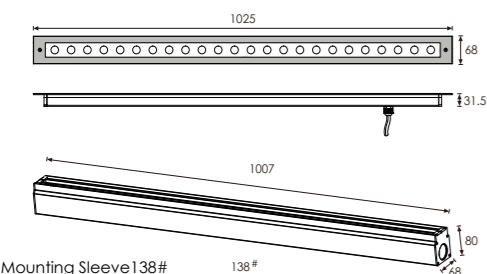
OUTER DIMENSIONS & ACCESSORIES

Unit:mm



Mounting Sleeve 137#

C2RLB1257



Mounting Sleeve 138#

C2RLB2457

MATERIAL SPECIFICATIONS

- HOUSING** | Extruded aluminum, powder coated
- FRONT COVER** | Hard chrome plated stainless steel SUS 316L
- LIGHT WINDOW** | Tempered frosted step glass, T=6mm
- LENS** | Optical lens, efficiency ≥ 85%
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Glass and housing are silicone sealed
- LED** | OSRAM LED
- OPERATING TEMPERATURE** | -20°C ~ 40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.5m (low voltage)
H05RN-F 3X1.0mm² L=0.5m (high voltage)
- MOUNTING SLEEVE** | Powder Coated Aluminum 137# 138#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali



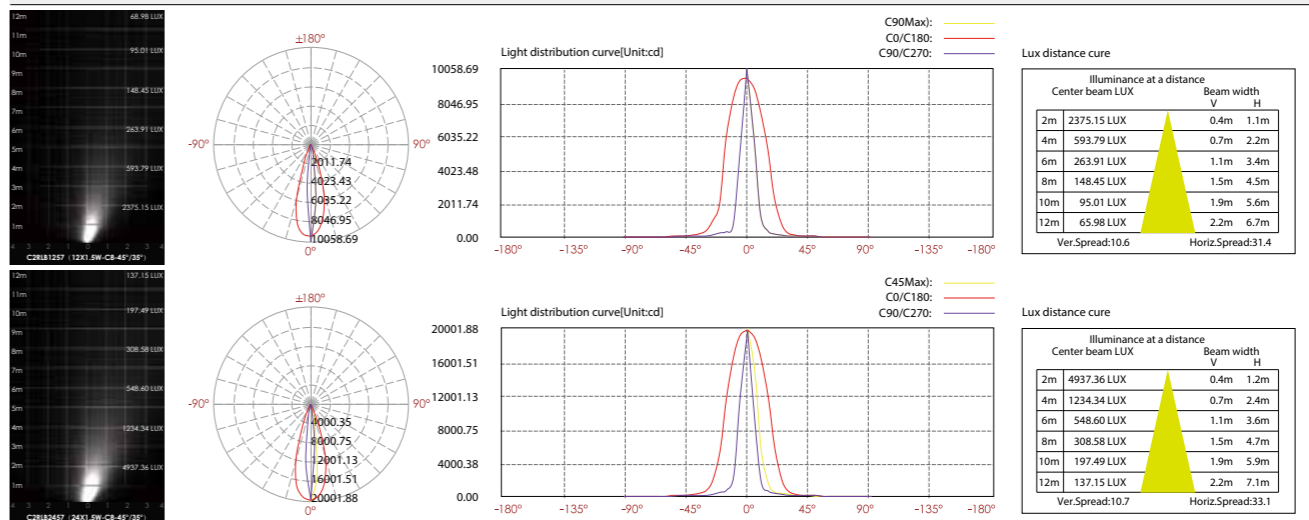
Lighting Effect demo



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENGTH(MM)	LENS DEGREE(°)Θ1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
C2RLB1257	12×1.5W Single color	C8	549	45°	24V DC	24V = 910	24V = 22	Cool White = 1108	07
				35°	120/240	120V = 143 240V = 79	120V = 17 240V = 17.5	Warm White = 1020	
C2RLB2457	24×1.5W Single color	C8	1025	45°	24V DC	24V = 1823	24V = 44	Cool White = 2472	07
				35°	120/240	120V = 312 240V = 146	120V = 36 240V = 33.6	Warm White = 2114	

PHOTOMETRIC CURVES



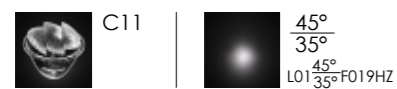
Asymmetrical



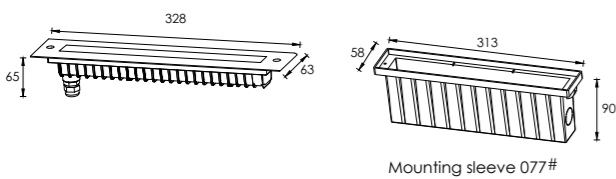
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS



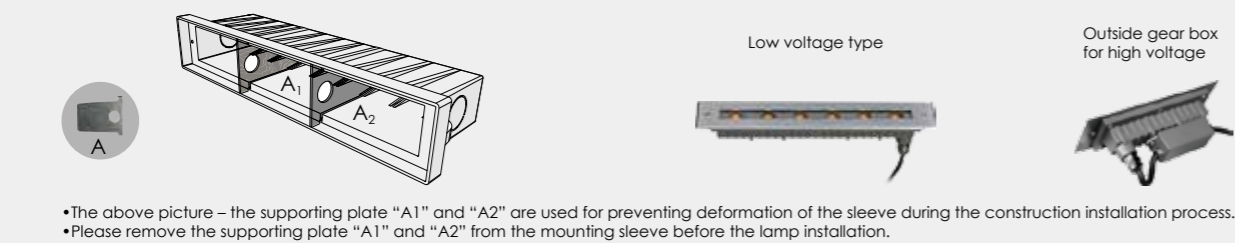
OUTER DIMENSIONS & ACCESSORIES



MATERIAL SPECIFICATIONS

HOUSING	12" Die-casting dark grey powder coated aluminum.T=60-80µm
FRONT COVER	Hard chromeplated stainless steel SUS 316L"
LIGHT WINDOW	Tempered frosted step glass.T=8mm
CABLE GLAND	IP68 PG-9 PA66
GLASS PRESSURE CAPACITY	Full area=3251kgs
GASKET	Molding shaped silicone seal
PCB	Excellent heat conductivity aluminum, coefficient of heat Conductivity≥2.0w/mk
LED DRIVER	Constant Voltage Input,Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm ² L=0.5m(low voltage) H05RN-F 3X1.0mm ² L=0.5m(high voltage)
MOUNTING SLEEVE	ABS 077"
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

MOUNTING SLEEVE CHARACTERISTIC

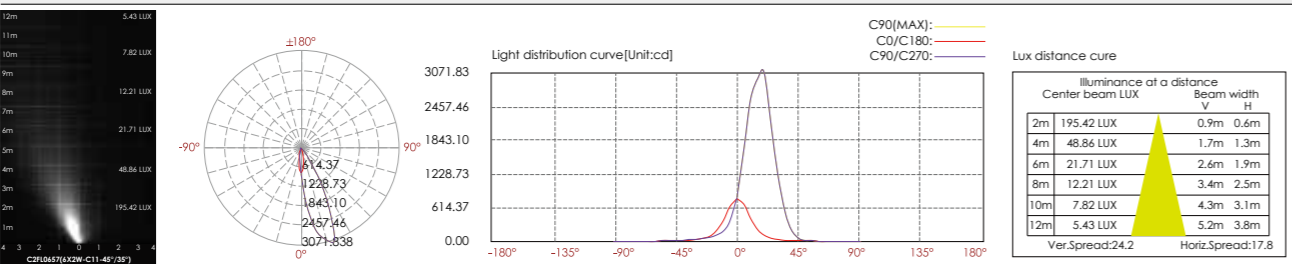


•The above picture – the supporting plate "A1" and "A2" are used for preventing deformation of the sleeve during the construction installation process.
•Please remove the supporting plate "A1" and "A2" from the mounting sleeve before the lamp installation.

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)θ1/2	WEIGHT (KG)	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
C2FL0657	6×2W	C11	45° 35°	1.6	24V DC 120V/240	24V = 550 120V = 100 240V = 57	24V = 13.2 120V = 11.8 240V = 12.1	Cool White = 875 Warm White = 570	08

PHOTOMETRIC CURVES



Asymmetrical



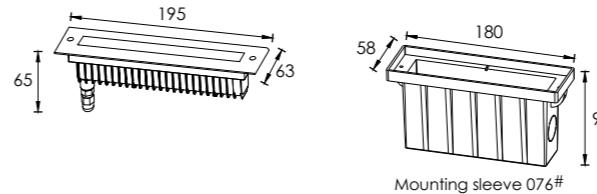
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS



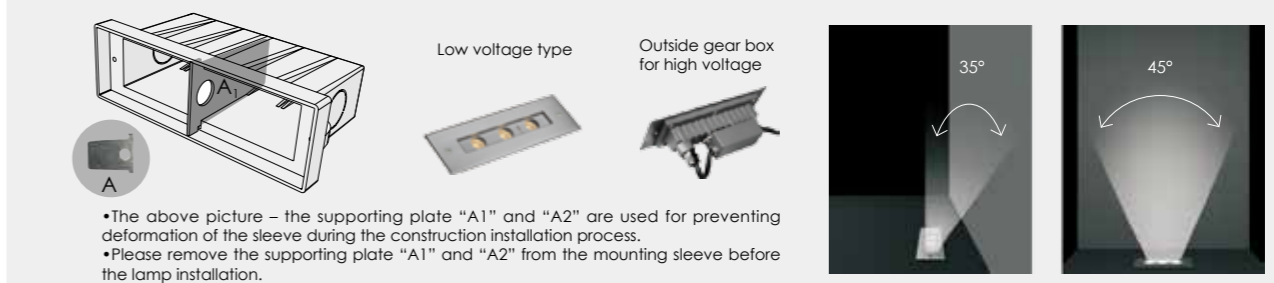
OUTER DIMENSIONS & ACCESSORIES



MATERIAL SPECIFICATIONS

HOUSING	12" Die-casting dark grey powder coated aluminum.T=60-80µm
FRONT COVER	Hard chromeplated stainless steel SUS 316L"
LIGHT WINDOW	Tempered frosted step glass.T=8mm
CABLE GLAND	IP68 PG-9 PA66
GLASS PRESSURE CAPACITY	Full area=3251kgs
GASKET	Molding shaped silicone seal
PCB	Excellent heat conductivity aluminum, coefficient of heat Conductivity≥2.0w/mk
LED DRIVER	Constant Voltage Input,Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm ² L=0.5m(low voltage) H05RN-F 3X1.0mm ² L=0.5m(high voltage)
MOUNTING SLEEVE	ABS 076"
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

MOUNTING SLEEVE CHARACTERISTIC

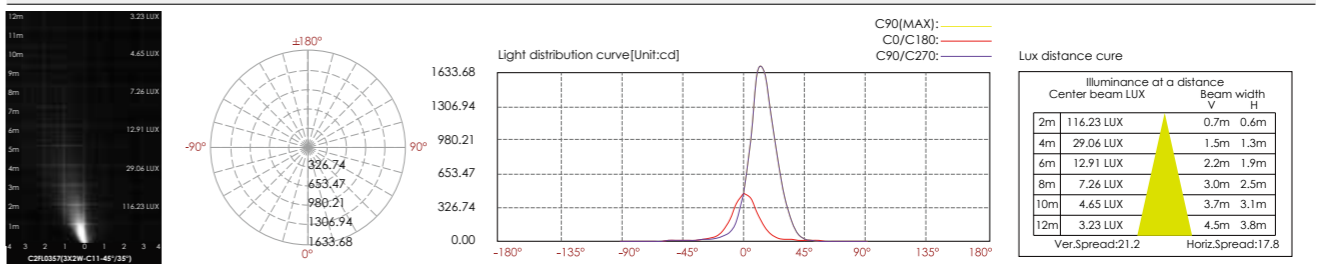


•The above picture – the supporting plate "A1" and "A2" are used for preventing deformation of the sleeve during the construction installation process.
•Please remove the supporting plate "A1" and "A2" from the mounting sleeve before the lamp installation.

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)θ1/2	WEIGHT (KG)	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
C2FL0357	3×2W	C11	45° 35°	0.9	24V DC 120V/240	24V = 240 120V = 89 240V = 46	24V = 5.7 120V = 6 240V = 5.7	Cool White = 340 Warm White = 285	08

PHOTOMETRIC CURVES



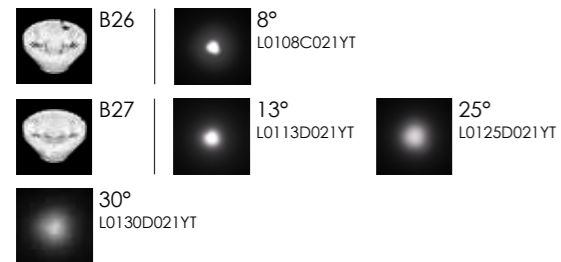
Symmetrical



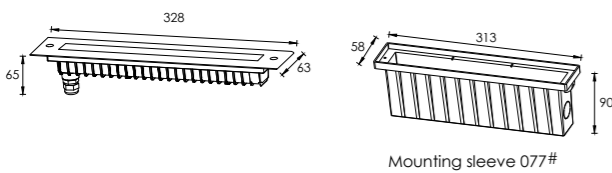
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES



MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting dark grey powder coated aluminum.T=60-80µm
FRONT COVER	Hard chrome-plated stainless steel SUS 316L#
LIGHT WINDOW	Tempered frosted step glass.T=8mm
CABLE GLAND	IP68 PG-9 PA66
GLASS PRESSURE CAPACITY	Full area=3251kgs
GASKET	Molding shaped silicone seal
PCB	Excellent heat conductivity aluminum, coefficient of heat Conductivity≥2.0w/mk
LED DRIVER	Constant Voltage Input,Constant Current Output
LED	OSRAM or NICHIA
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm2 L=0.5m(low voltage) H05RN-F 3X1.0mm2 L=0.5m(high voltage)
MOUNTING SLEEVE	ABS 077#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

MOUNTING SLEEVE CHARACTERISTIC

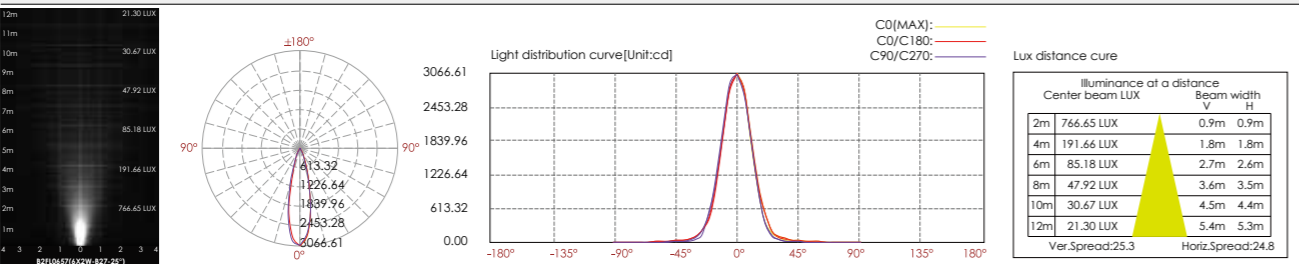


- The above picture – the supporting plate "A1" and "A2" are used for preventing deformation of the sleeve during the construction installation process.
- Please remove the supporting plate "A1" and "A2" from the mounting sleeve before the lamp installation.

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Θ1/2	WEIGHT (KG)	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B2FL0657	6×2W	B27	25°	1.6	24V DC 120/240	24V = 550 120V = 100 240V = 57	24V = 13.2 120V = 11.8 240V = 12.1	Cool White = 1100 Warm White = 733	08

PHOTOMETRIC CURVES



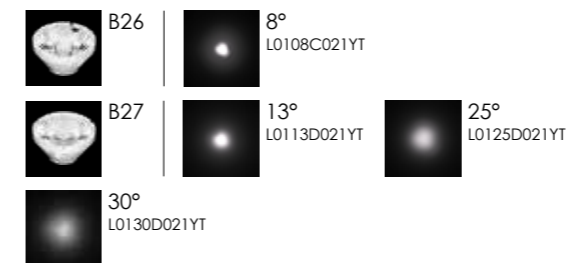
Symmetrical



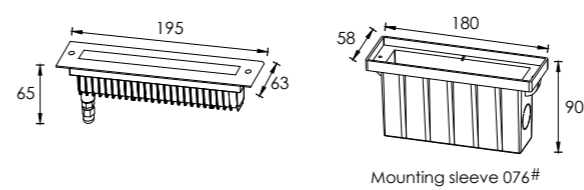
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS



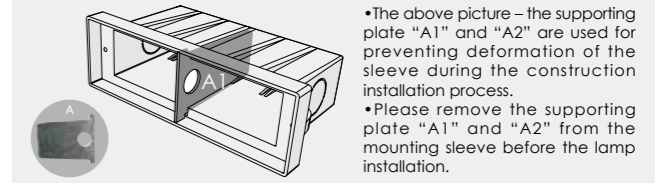
OUTER DIMENSIONS & ACCESSORIES



MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting dark grey powder coated aluminum.T=60-80µm
FRONT COVER	Hard chromeplated stainless steel SUS 316L#
LIGHT WINDOW	Tempered frosted step glass.T=8mm
CABLE GLAND	IP68 PG-9 PA66
GLASS PRESSURE CAPACITY	Full area=3251kgs
GASKET	Molding shaped silicone seal
PCB	Excellent heat conductivity aluminum, coefficient of heat Conductivity≥2.0w/mk
LED DRIVER	Constant Voltage Input,Constant Current Output
LED	OSRAM or NICHIA
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm2 L=0.5m(low voltage) H05RN-F 3X1.0mm2 L=0.5m(high voltage)
MOUNTING SLEEVE	ABS 076#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

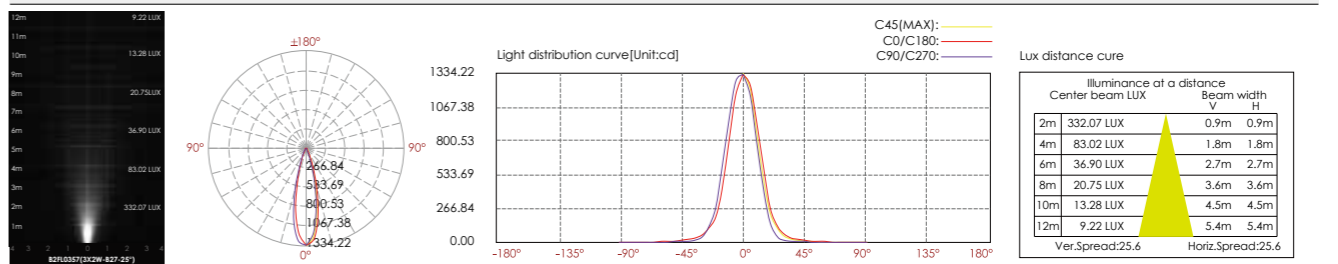
MOUNTING SLEEVE CHARACTERISTIC



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Θ1/2	WEIGHT (KG)	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B2FL0357	3×2W	B27	25°	0.9	24V DC 120/240	24V = 240 120V = 89 240V = 46	24V = 5.7 120V = 6 240V = 5.7	Cool White = 508 Warm White = 333	08

PHOTOMETRIC CURVES



Trimless Symmetrical COB Inground Spot Light

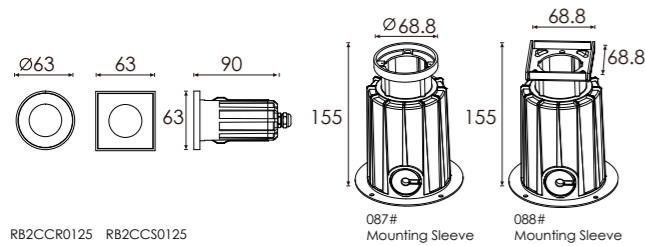


RB2CCR0125



RB2CCS0125

OUTER DIMENSIONS & ACCESSORIES



RB2CCR0125 RB2CCS0125

LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS

- R7
R0118C035XL 18°
R0124C035XL 24°
R0132C035XL 32°

R7



18° 24° 32°

MATERIAL SPECIFICATIONS

- Housing** | 12# Die-casting grey powder coated aluminum.
T=60-80µm, Adhesion of ISO class 1/ASTM class 4B
- Light window** | Tempered glass, T=4mm
- Glass pressure capacity** | Full area=2463kgs
- Reflector** | Optical Reflector efficiency ≥90%
- Gasket** | Molding shaped silicone seal
- LED Driver** | Constant Voltage Input, Constant Current Output
- Operating temperature** | -20°C ~40°C
- Power cable** | 24V: Input: H05RN-F 2×1.0mm² L=0.5M (low voltage)
100/240V: H05RN-F 3×1.0mm² L=0.5M (high voltage)
- Mounting sleeve** | ABS 087#, 088#

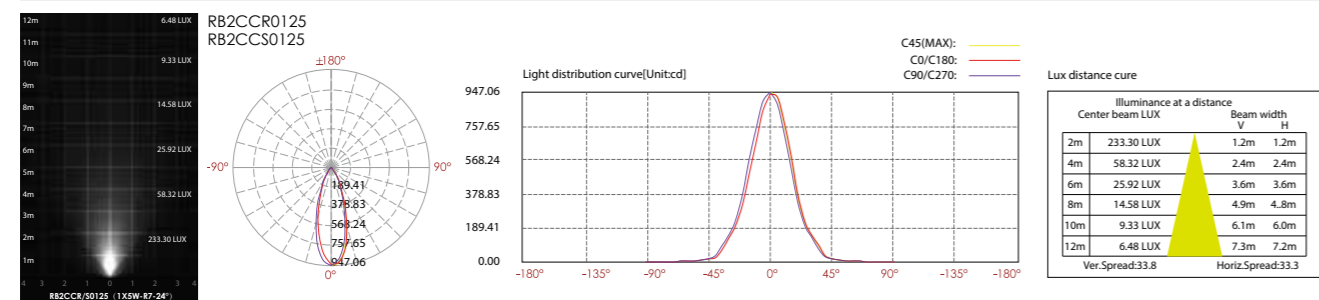
Stainless Steel Sleeve Frame



TECHNICAL DATA

Item	Light source	Reflector	The manufacturer selected lens degree(°)θ1/2	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
RB2CCR0125	1X5W COB	R7	24°	24V DC 120/240	2.4V = 265 120V = 52 240V = 32	2.4V = 6.3 120V = 6.5 240V = 6.7	Cool white = 553 Warm white = 490	06
RB2CCS0125	1X5W COB	R7	24°	24V DC 120/240	2.4V = 265 120V = 52 240V = 32	2.4V = 6.3 120V = 6.5 240V = 6.7	Cool white = 553 Warm white = 490	06

PHOTOMETRIC CURVES



Trimless Symmetrical COB High Luminance Inground Light



RB2CNS0126



RB2CNR0126

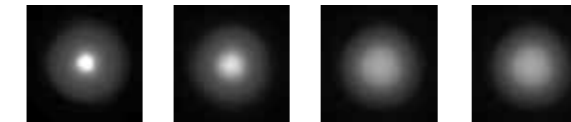
LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS

- R8
R0115C050XL 15°
R0124C050XL 24°
R0138C050XL 38°
R0160C050XL 60°

R8

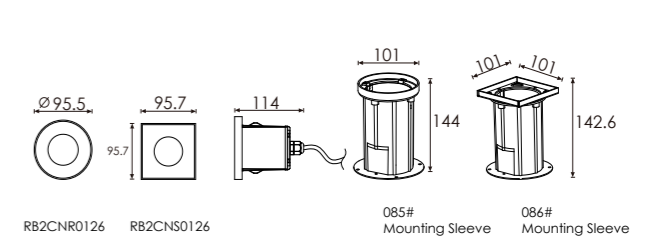


15° 24° 38° 60°

MATERIAL SPECIFICATIONS

- Housing** | 12# Die-casting grey powder coated aluminum.
T=60-80µm, Adhesion of ISO class 1/ASTM class 4B
- Light window** | Tempered glass, T=4mm
- Glass pressure capacity** | Full area=2463kgs
- Reflector** | Optical Reflector efficiency ≥90%
- Gasket** | Molding shaped silicone seal
- LED Driver** | Constant Voltage Input, Constant Current Output
- Operating temperature** | -20°C ~40°C
- Power cable** | 24V: Input: H05RN-F 2×1.0mm² L=0.5M (low voltage)
100/240V: H05RN-F 3×1.0mm² L=0.5M (high voltage)
- Mounting sleeve** | ABS 085#, 086#

OUTER DIMENSIONS & ACCESSORIES



RB2CNR0126 RB2CNS0126 085# Mounting Sleeve 086# Mounting Sleeve

Figure A



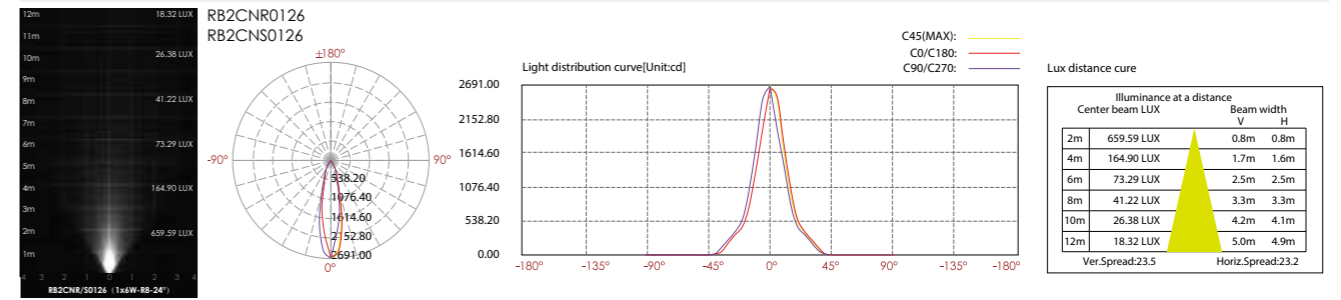
Stainless Steel Sleeve Frame



TECHNICAL DATA

Item	Light source	Reflector	The manufacturer selected lens degree(°)θ1/2	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
RB2CNR0126	1X6W COB	R8	24°	24V DC 120/240	2.4V = 320 120V = 72 240V = 40	2.4V = 7.5 120V = 7.4 240V = 8.5	Cool white = 909 Warm white = 744	08
RB2CNS0126	1X6W COB	R8	24°	24V DC 120/240	2.4V = 320 120V = 72 240V = 40	2.4V = 7.5 120V = 7.4 240V = 8.5	Cool white = 909 Warm white = 744	08

PHOTOMETRIC CURVES



Symmetrical

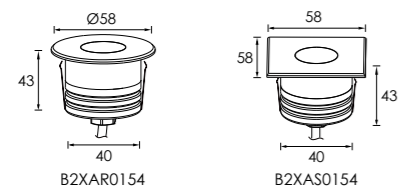


LED COLOUR TEMPERATURE

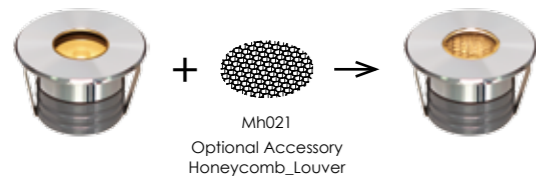
3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



OPTIONAL HONEYCOMB LOUVER

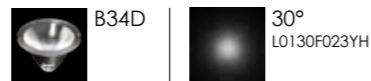


INSTALLATION DIAGRAM



A: Minimum space for external driver is 48mm

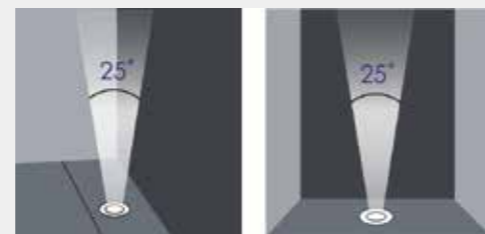
OPTICS



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80μm.Adhesion of ISO class 1/ASTM class 4B
- FRONT RING** | Hard chromeplated stainless steel SUS 316#
- LIGHT WINDOW** | Tempered frosted step glass.T=7mm
- LED** | NICHIA
- GLASS PRESSURE CAPACITY** | Full area=1106kgs
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.5m
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

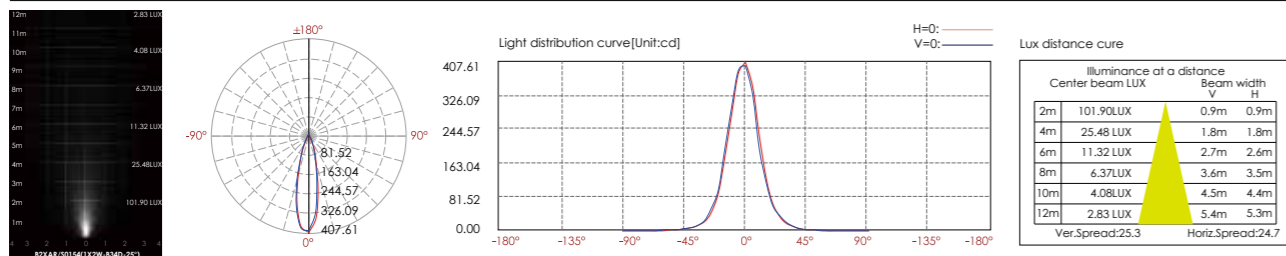
IMPRESSION DRAWING OF LENS B34D



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Θ1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B2XAR0154	1×2W Single color	B34D	25°	24V DC	100	2.4	Cool White = 130 Warm White = 110	08
B2XAS0154	1×2W Single color	B34D	25°	24V DC	100	2.4	Cool White = 130 Warm White = 110	08

PHOTOMETRIC CURVES



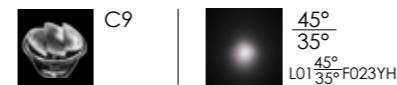
Asymmetrical



LED COLOUR TEMPERATURE

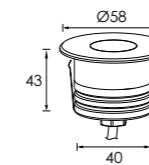
3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



INSTALLATION DIAGRAM

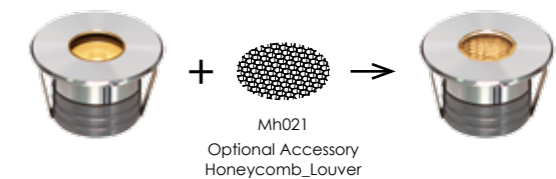


A: Minimum space for external driver is 48mm

MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80μm.Adhesion of ISO class 1/ASTM class 4B
- FRONT RING** | Hard chromeplated stainless steel SUS 316#
- LIGHT WINDOW** | Tempered frosted step glass.T=7mm
- LED** | NICHIA
- GLASS PRESSURE CAPACITY** | Full area=1106kgs
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.5m
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

OPTIONAL HONEYCOMB LOUVER



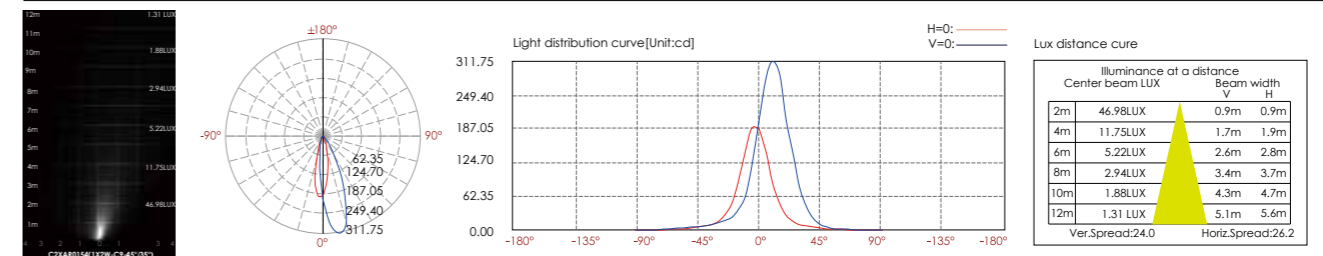
IMPRESSION DRAWING OF LENS C9



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Θ1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
C2XAR0154	1×2W Single color	C9	45° 35°	24V DC	100	2.4	Cool White = 100 Warm White = 88	08

PHOTOMETRIC CURVES



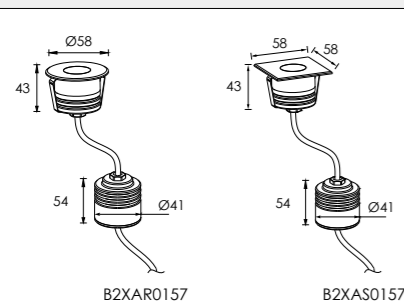
Symmetrical

LED COLOUR TEMPERATURE

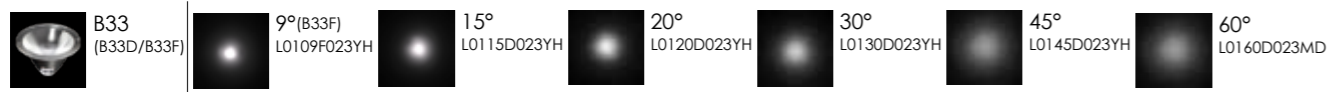
2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

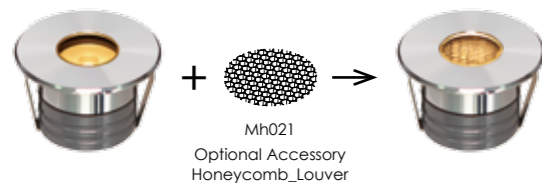
Unit:mm



OPTICS



OPTIONAL HONEYCOMB LOUVER



MATERIAL SPECIFICATIONS

HOUSING | 12# Die-casting dark grey powder coated aluminum
T=60-80µm.Adhesion of ISO class 1/ASTM class 4B

FRONT RING | Hard chromeplated stainless steel SUS 316#

LIGHT WINDOW | Tempered frosted step glass.T=7mm

LED | OSRAM

GLASS PRESSURE CAPACITY | Full area=1106kgs

OPERATING TEMPERATURE | -20°C~40°C

POWER CABLE | H05RN-F 3X1.0mm2 L=0.5m

DIMMABLE SUPPORT | Triac PWM 1-10V Dali

INSTALLATION DIAGRAM



A: Minimum space for external driver is 48mm
B: IP67 120V/240V/24V&RGB 24V external input driver

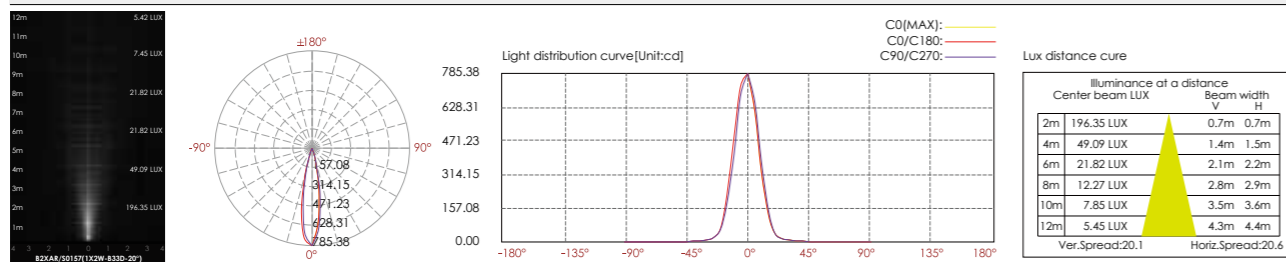
IMPRESSION DRAWING OF LENS B33D



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B2XAR0157	1×2W Single color	B33D	20°	24V DC	24V = 88	24V = 2.6	Cool White = 130	08
				120/240	120V = 46	120V = 3.2	Warm White = 110	
					240V = 29	240V = 3.1		
B2XAS0157	1×2W Single color	B33D	20°	24V DC	24V = 88	24V = 2.6	Cool White = 130	08
				120/240	120V = 46	120V = 3.2	Warm White = 110	
					240V = 29	240V = 3.1		

PHOTOMETRIC CURVES



Asymmetrical

LED COLOUR TEMPERATURE

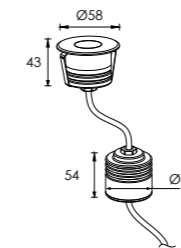
3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



INSTALLATION DIAGRAM



A: Minimum space for external driver is 48mm
B: IP67 120V/240V/24V&RGB 24V external input driver

MATERIAL SPECIFICATIONS

HOUSING | 12# Die-casting dark grey powder coated aluminum
T=60-80µm.Adhesion of ISO class 1/ASTM class 4B

FRONT RING | Hard chromeplated stainless steel SUS 316#

LIGHT WINDOW | Tempered frosted step glass.T=7mm

LED | OSRAM

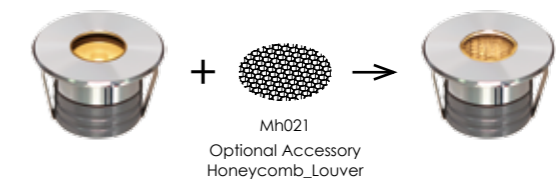
GLASS PRESSURE CAPACITY | Full area=1106kgs

OPERATING TEMPERATURE | -20°C~40°C

POWER CABLE | H05RN-F 3X1.0mm2 L=0.5m

DIMMABLE SUPPORT | Triac PWM 1-10V Dali

OPTIONAL HONEYCOMB LOUVER



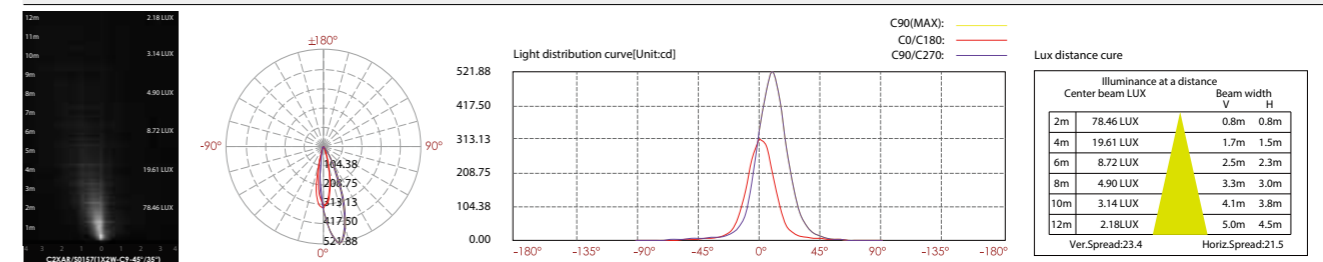
IMPRESSION DRAWING OF LENS C9



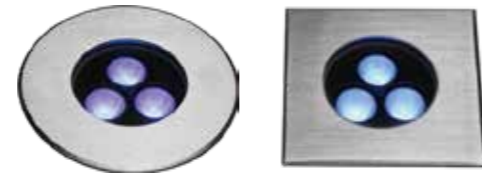
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
C2XAR0157	1×2W Single color	C9	45° 35°	24V DC	24V = 88	24V = 2.6	Cool White = 130	08
				120/240	120V = 46	120V = 3.2	Warm White = 113	
					240V = 29	240V = 3.1		

PHOTOMETRIC CURVES



Symmetrical



LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

INSTALLATION DIAGRAM

High Voltage



Low Voltage



A: Minimum space for external driver is 48mm
B: External IP67 water-proof box for driver of high voltage · RGB · RGBW type

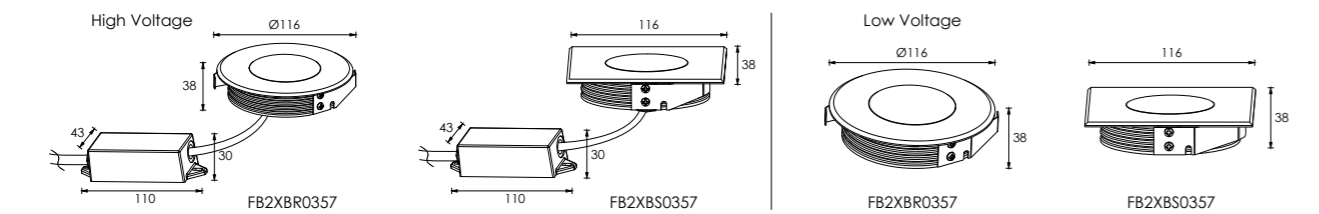
OPTICS

	FB03 F03B33F09	9° F03B33F09	15° F03B33D15
	20° F03B33D20	30° F03B33D30	45° F03B33D45
	60° F03B33D60		

MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting dark grey powder coated aluminum T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
FRONT RING	Hard chromeplated stainless steel SUS 316L#
LIGHT WINDOW	Tempered frosted step glass. T=8mm
LED	OSRAM
GLASS PRESSURE CAPACITY	Full area=3370kgs
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm ² L=0.5m (low voltage) H05RN-F 3X1.0mm ² L=0.5m (high voltage)
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

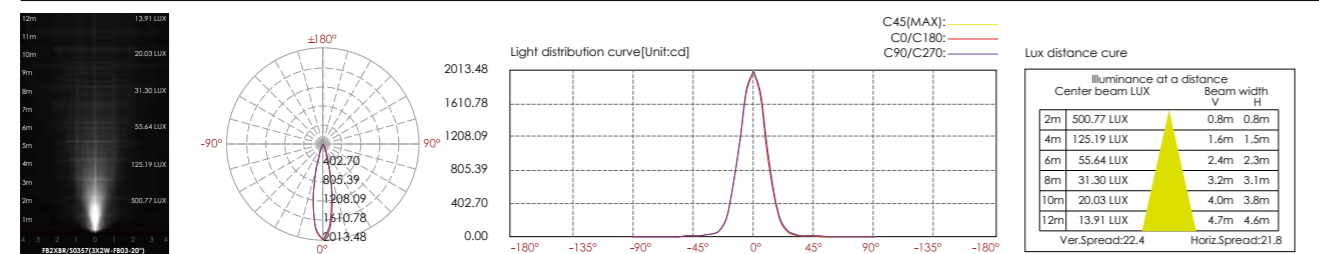
OUTER DIMENSIONS & ACCESSORIES



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FB2XBR0357	3×2W Single color	FB03	20°	24V DC	24V = 220	24V = 5.3	Cool White = 452 Warm White = 388	08
				120V/240V	120V = 47	120V = 5.6		
					240V = 25	240V = 5.7		
FB2XBS0357	3×2W Single color	FB03	20°	24V DC	24V = 220	24V = 5.3	Cool White = 452 Warm White = 388	08
				120V/240V	120V = 47	120V = 5.6		
					240V = 25	240V = 5.7		

PHOTOMETRIC CURVES



Asymmetrical



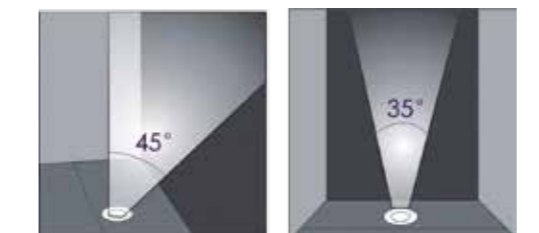
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

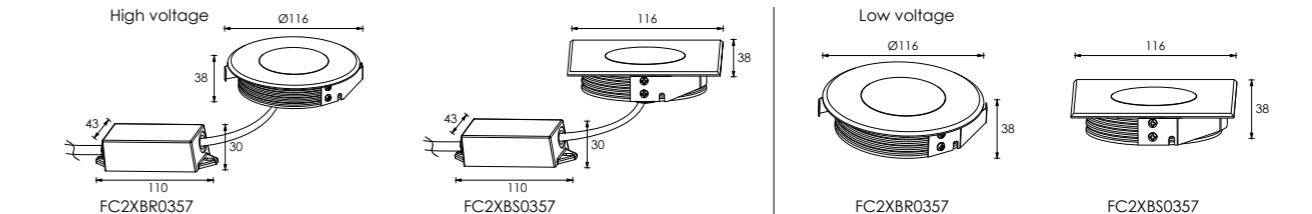
OPTICS

	FC02	45° 35° F03C10 45° 35°
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IMPRESSION DRAWING OF LENS FC02



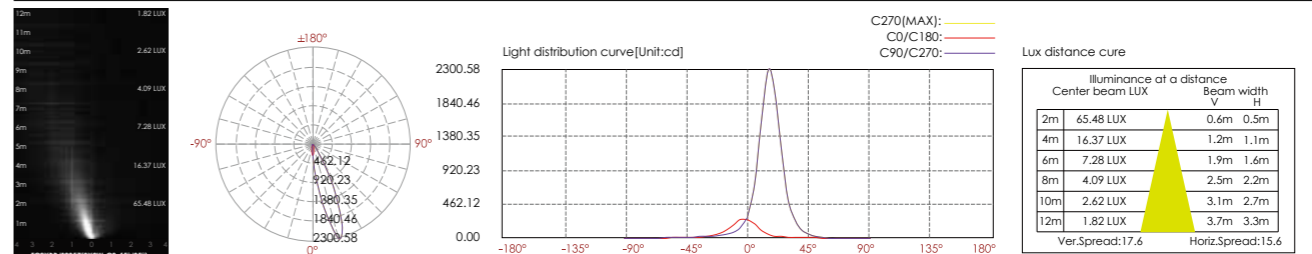
OUTER DIMENSIONS & ACCESSORIES



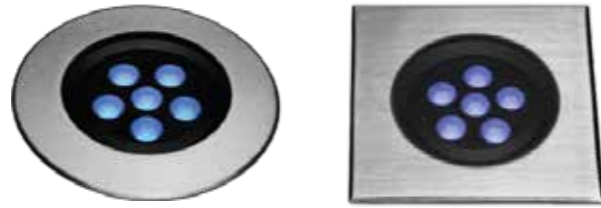
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FC2XBR0357	3×2W Single color	FC02	45° 35°	24V DC	24V = 220	24V = 5.3	Cool White = 327 Warm White = 287	08
				120V/240V	120V = 47	120V = 5.6		
					240V = 25	240V = 5.7		
FC2XBS0357	3×2W Single color	FC02	45° 35°	24V DC	24V = 220	24V = 5.3	Cool White = 327 Warm White = 287	08
				120V/240V	120V = 47	120V = 5.6		
					240V = 25	240V = 5.7		

PHOTOMETRIC CURVES



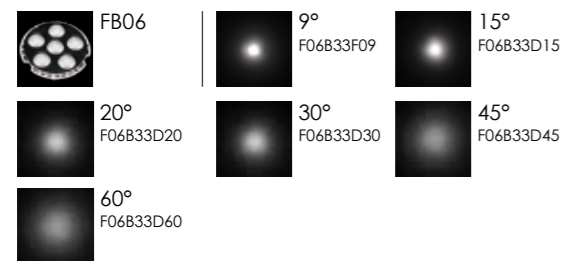
Symmetrical



LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS

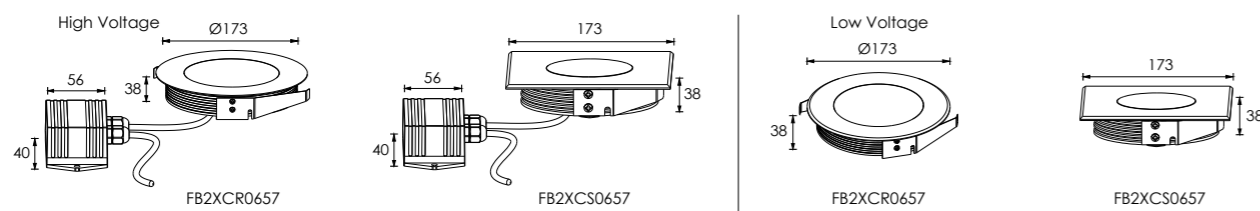


MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting dark grey powder coated aluminum T=60-80µm, Adhesion of ISO class 1/ASTM class 4B
FRONT RING	Hard chrome plated stainless steel SUS 316L#
LIGHT WINDOW	Tempered frosted step glass, T=8mm
LED	OSRAM
GLASS PRESSURE CAPACITY	Full area=3370kgs
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm ² L=0.5m (low voltage) H05RN-F 3X1.0mm ² L=0.5m (high voltage)
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

OUTER DIMENSIONS & ACCESSORIES

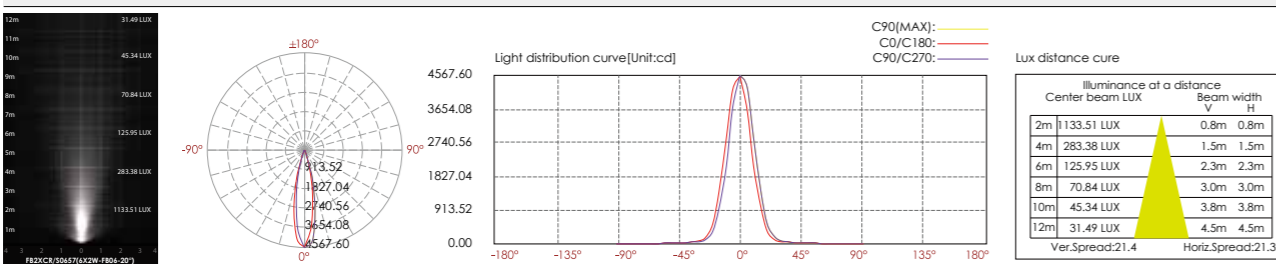
Unit:mm



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FB2XCR0657	6×2W Single color	FB06	20°	24V DC	24V = 541	24V = 13	Cool White = 956	08
				120V/240	120V = 111	120V = 13.5	Warm White = 783	
					240V = 64	240V = 13.7		
FB2XCS0657	6×2W Single color	FB06	20°	24V DC	24V = 541	24V = 13	Cool White = 956	08
				120V/240	120V = 111	120V = 13.5	Warm White = 783	
					240V = 64	240V = 13.7		

PHOTOMETRIC CURVES



INSTALLATION DIAGRAM

High Voltage

Low Voltage



A: Minimum space for external driver is 48mm
B: External IP67 water-proof box for driver of high voltage type

Asymmetrical



LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
| T=60-80µm, Adhesion of ISO class 1/ASTM class 4B
- FRONT RING** | Hard chromeplated stainless steel SUS 316L#
- LIGHT WINDOW** | Tempered frosted step glass, T=8mm
- LED** | OSRAM
- GLASS PRESSURE CAPACITY** | Full area=3370kgs
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.5m (low voltage)
| H05RN-F 3X1.0mm² L=0.5m (high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

OPTICS

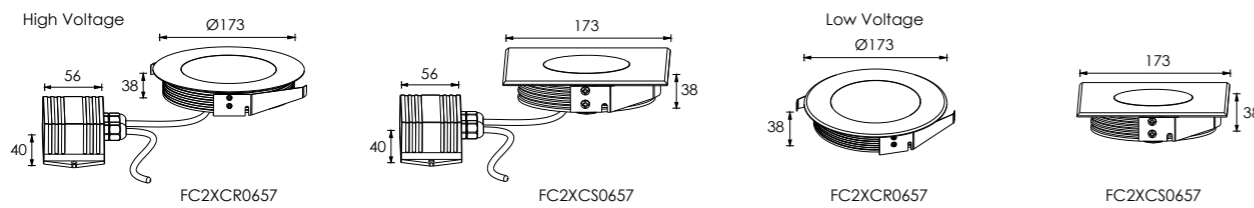


IMPRESSION DRAWING OF LENS FC04



OUTER DIMENSIONS & ACCESSORIES

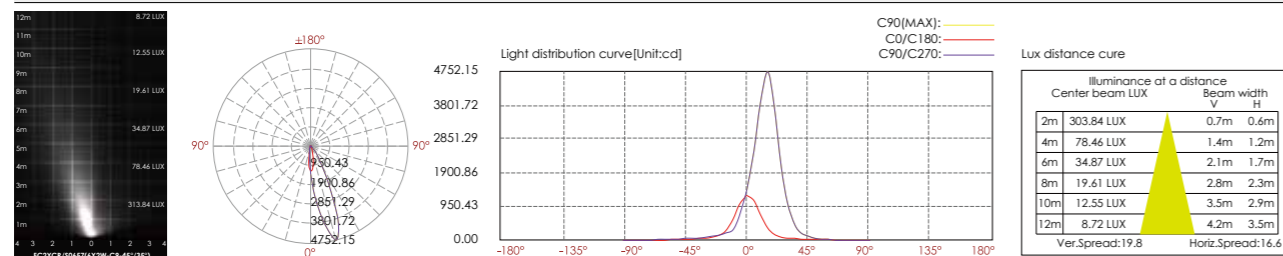
Unit:mm



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FC2XCR0657	6×2W Single color	FC04	45°	24V DC 120/240	24V = 541	24V = 13	Cool White = 753 Warm White = 613	08
			35°		120V = 111	120V = 13.5		
					240V = 64	240V = 13.7		
FC2XCS0657	6×2W Single color	FC04	45°	24V DC 120/240	24V = 541	24V = 13	Cool White = 757 Warm White = 613	08
			35°		120V = 111	120V = 13.5		
					240V = 64	240V = 13.7		

PHOTOMETRIC CURVES



INSTALLATION DIAGRAM

High Voltage



Low Voltage



- A: Minimum space for external driver is 48mm
- B: External IP67 water-proof box for driver of high voltage type

Architectural and Landscape Spot Light

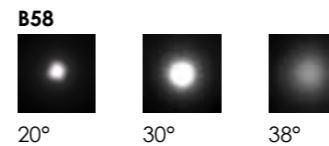


LED COLOUR TEMPERATURE

3000K · 6000K

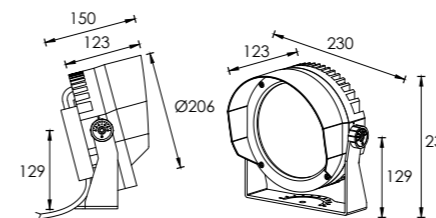
OPTICS

B58
 L0115D044HK 15°
 L0124D044HK 24°
 L0136D044HK 36°



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



MATERIAL SPECIFICATIONS

- Housing** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- Light Window** | Tempered glass. T=4mm
- Cable gland** | Copper and nickel coated
- Reflector** | Optical Reflector efficiency≥90%
- LED** | CREE
- Bracket** | Powder coated aluminum. T=2.5mm
- Operating temperature** | -20°C~40°C
- Power Cable** | H05RN-F 3X1.0mm² L=2.0m (high voltage)

Housing Color Option

Basic	Secondary	
Dark Sanded Grey RAL 7037	Silver Grey KAP 9022	Sanded Black RAL9005



Heat radiation structure

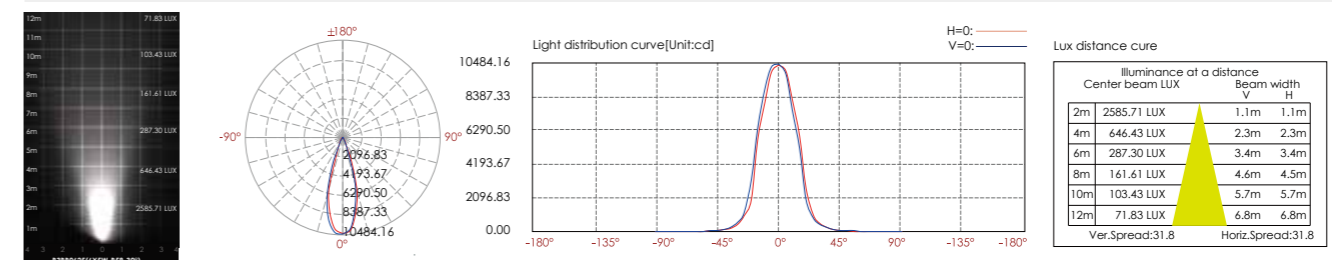


High Precision Gear Vertical Rotation System

TECHNICAL DATA

Item	Light source	Lens	The manufacturer selected lens degree(°)θ1/2	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
B3BB0625	6×5W	B58	30°	240V	240V = 172	240V = 40	3206	09

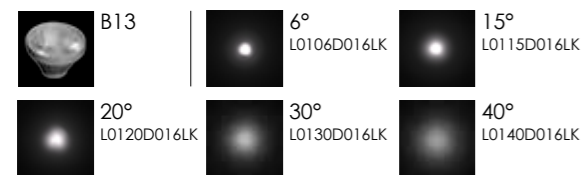
PHOTOMETRIC CURVES



LED COLOUR TEMPERATURE

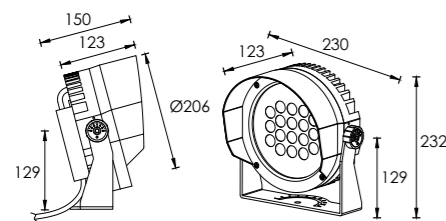
2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

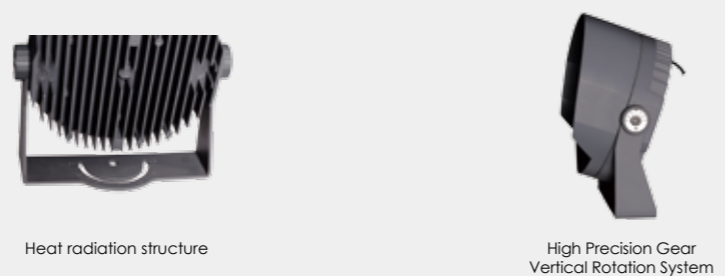
Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | Tempered glass. T=4mm
- CABLE GLAND** | Copper and nickel coated
- LENS** | Optical lens, efficiency ≥ 85%
- LED** | OSRAM
- BRACKET** | Powder coated aluminum. T=2.5mm
- OPERATING TEMPERATURE** | -20°C ~ 40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
H05RN-F 3X1.0mm² L=2.0m (high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

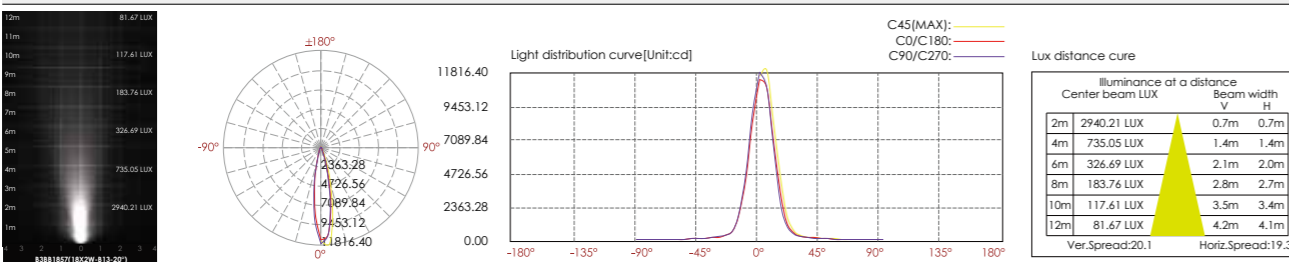
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B3BB1857	18×2W	B13	20°	24V DC 120/240	24V = 1500 120V = 320 240V = 155	24V = 36 120V = 35 240V = 35	Cool White = 2529 Warm White = 1927	09

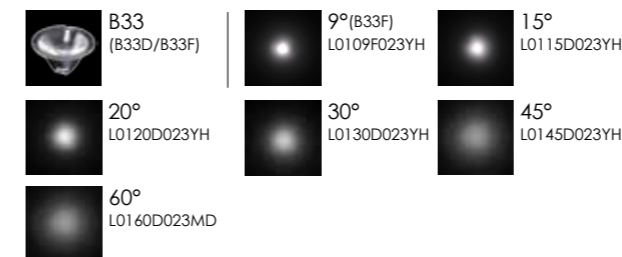
PHOTOMETRIC CURVES



LED COLOUR TEMPERATURE

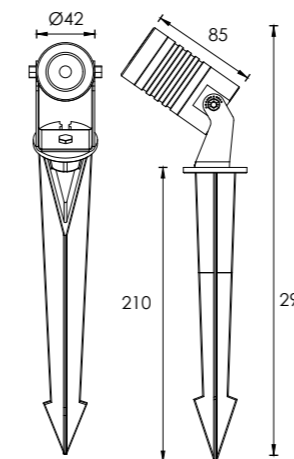
2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



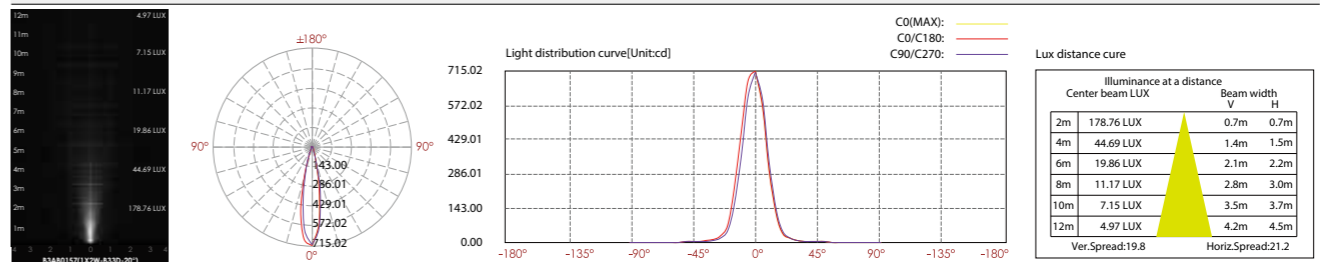
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B3AB0157	1×2W	B33D	20°	24V DC 120/240	24V = 110 120V = 48 240V = 28	24V = 2.6 120V = 3 240V = 3.1	Cool White = 149 Warm White = 120	02

PHOTOMETRIC CURVES

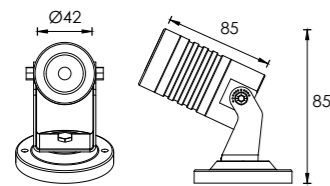




LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES Unit:mm



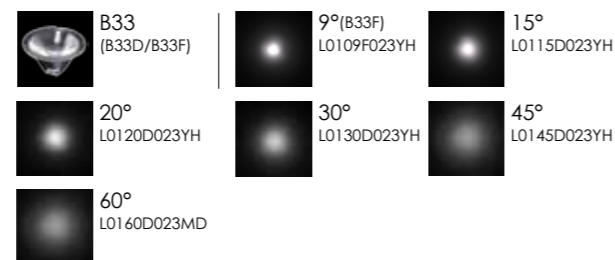
HOUSING COLOR OPTION



MATERIAL SPECIFICATIONS

- FRONT COVER&HOUSING** | Aluminum anodized finishing or powder painting
- LENS** | Optical lens,efficiency≥85%
- LIGHT WINDOW** | Tempered glass,T=3mm
- CABLE GLAND** | Nickel coated copper
- GASKET** | Tooling shaped seal
- LED** | ORSAM
- PCB** | Excellent heat conductivity aluminum,coefficient of heat Conductivity≥2.0w/mk
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=2.0m(low voltage)
H05RN-F 3X1.0mm2 L=2.0m(high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

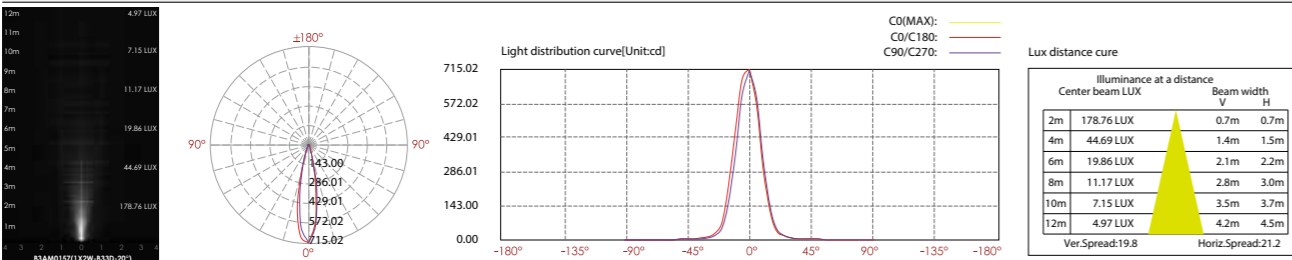
OPTICS



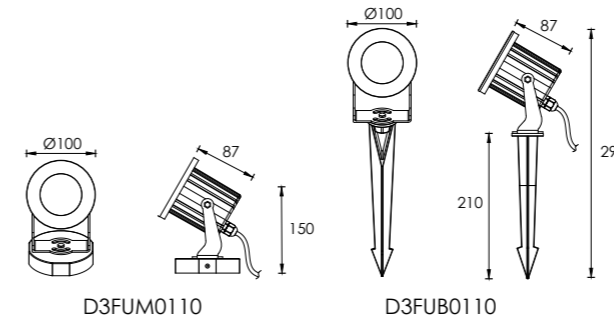
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B3AM0157	1×2W	B33D	20°	24V DC 120/240	24V = 110 120V = 48 240V = 28	24V = 2.6 120V = 3 240V = 3.1	Cool White = 149 Warm White = 120	02

PHOTOMETRIC CURVES



OUTER DIMENSIONS & ACCESSORIES Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm.Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | Tempered glass,T=3mm
- CABLE GLAND** | IP-68 PG-9 PA66
- FRONT COVER** | Hard chrome-plated stainless steel SUS 316L#
- BRACKET** | Powder coated aluminum
- GASKET** | Tooling shaped seal
- POWER CABLE** | H05RN-F 3X1.0mm2 L=2.0m(high voltage)
- MOUNTING BASE** | Powder coated die-casting aluminum

HOUSING COLOR OPTION



LIGHTING SOURCES OPTION



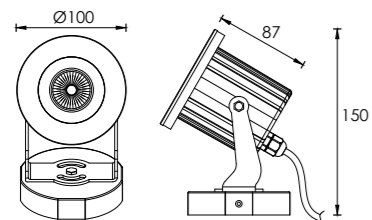


LED COLOUR TEMPERATURE

3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



HOUSING COLOR OPTION

Basic



Sanded Dark Grey
KAP 7037

Secondary



Silver Grey
KAP 9022

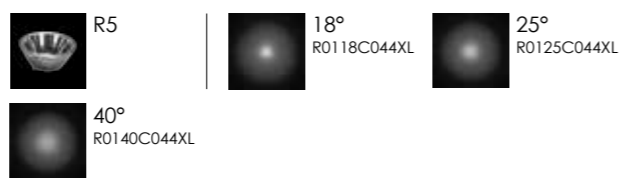


Matt Black
RAL9005

MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chrome-plated Stainless steel (SUS 304#, 316# optional)
- LIGHT WINDOW** | Tempered glass, T=4mm
- GASKET** | Tooling shaped seal
- LED** | COB LED 6W
- CABLE GLAND** | IP-68 PG-9 PA66
- BRACKET** | Powder coated aluminum
- REFLECTOR** | Optical Reflector efficiency ≥ 90%
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
H05RN-F 3X1.0mm² L=2.0m (high voltage)
- MOUNTING BASE** | 12# Die-casting dark grey powder coated aluminum

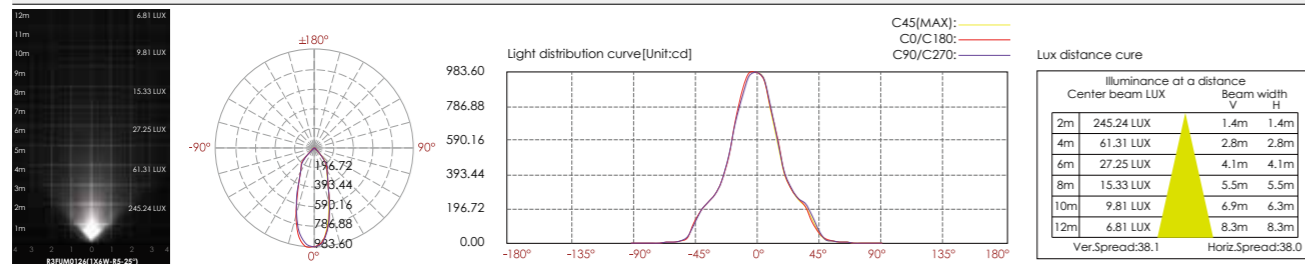
OPTICS



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3FUM0126	1×6W	R5	40°	24V DC 120/240	24V = 270	24V = 6.5	Cool White = 758 Warm White = 662	04
					120V = 65	120V = 7.7		
					240V = 37	240V = 7.8		

PHOTOMETRIC CURVES



LED COLOUR TEMPERATURE

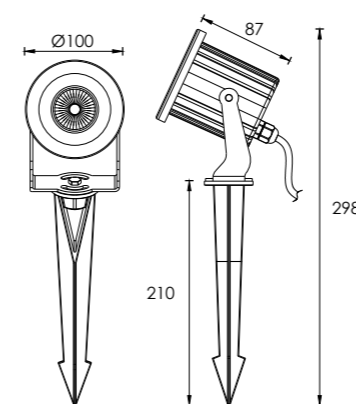
3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



HOUSING COLOR OPTION

Basic



Sanded Dark Grey
KAP 7037

Secondary



Silver Grey
KAP 9022

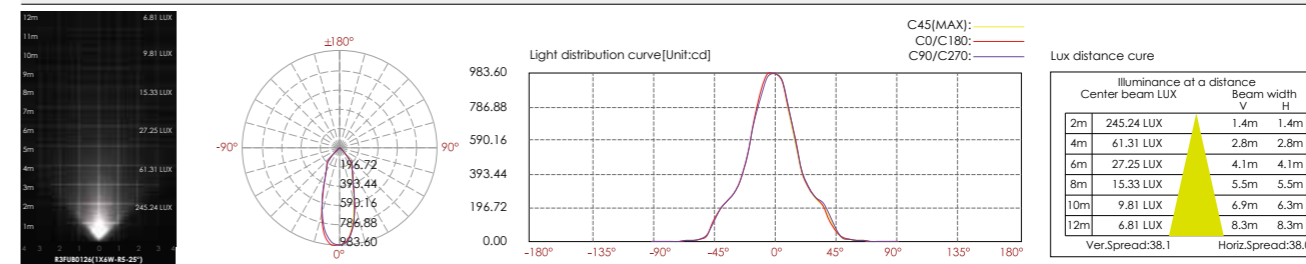


Sanded Black
RAL9005

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3FUB0126	1×6W	R5	40°	24V DC 120/240	24V = 270	24V = 6.5	Cool White = 758 Warm White = 662	04
					120V = 65	120V = 7.7		
					240V = 37	240V = 7.8		

PHOTOMETRIC CURVES





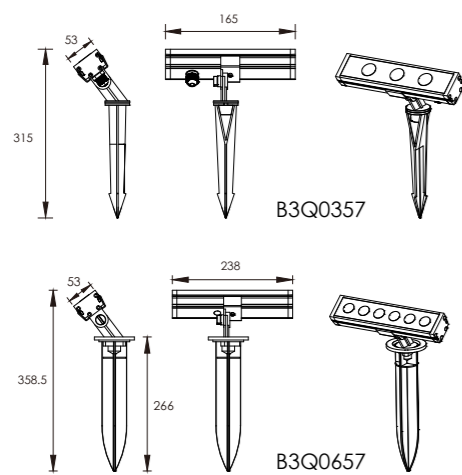
LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS

B13	6° L0106D023LK	13° L0113D023LK	20° L0120D023LK	30° L0130D023LK	40° L0140D023LK
B33 (B33D/B33F)	9°(B33F) L0109F023YH	15° L0115D023YH	20° L0120D023YH	30° L0130D023YH	45° L0145D023YH
	60° L0160D023MD				

OUTER DIMENSIONS & ACCESSORIES Unit:mm



MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting dark grey powder coated aluminum. T=60-80µm.Adhesion of ISO class 1/ASTM class 4B
GLASS	1 Tempered glass,T=3mm
CABLE GLAND	1 IP-68 PG-9 PA66
LENS	1 Band form effect
BRACKET	1 Powder coated stainless steel
POWER CABLE	1 H05RN-F 2X1.0mm2 L=2.0m
SPIKE	ABS spike 5d(B3Q0357) ABS spike 7b(B3Q0657)

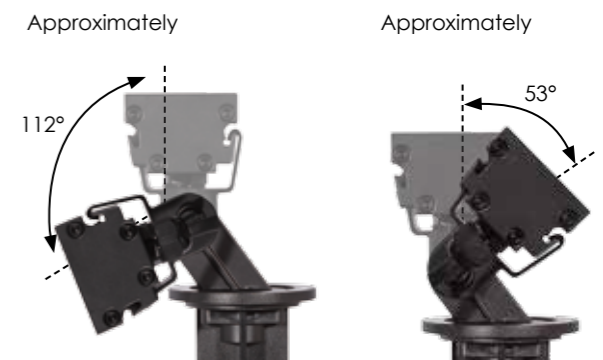
HOUSING COLOR OPTION

Basic	Secondary
Sanded Dark Grey KAP 7037	Silver Grey KAP 9022
	Sanded Black RAL9005

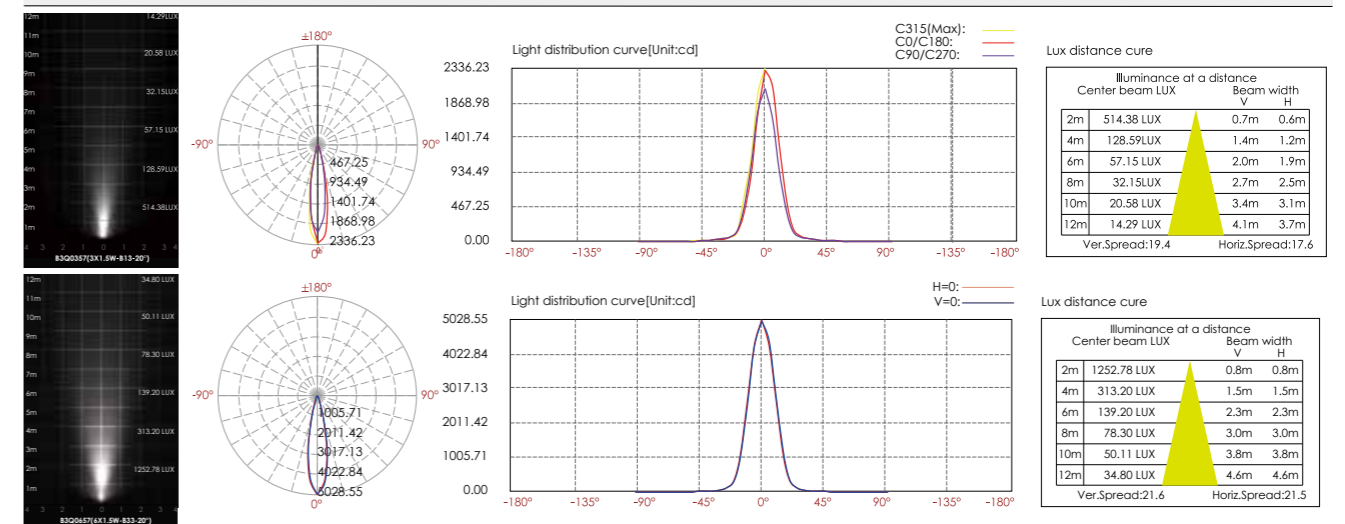
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B3Q0357	3×1.5W	B13	30°	24V DC	250	6	Cool White = 493 Warm White = 362	05
B3Q0657	6×1.5W	B33	20°	24V DC	416	10	Cool White = 900 Warm White = 815	05

ADJUSTABLE BEAM DIRECTION



PHOTOMETRIC CURVES



LED COLOUR TEMPERATURE

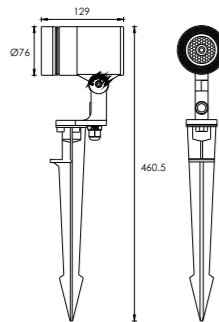
3000K · 6000K

OPTICS

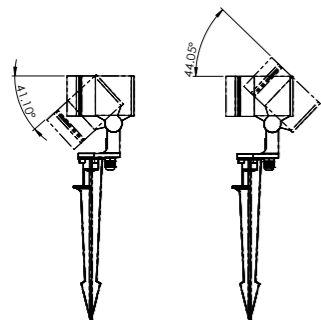


OUTER DIMENSIONS & ACCESSORIES

Unit:mm



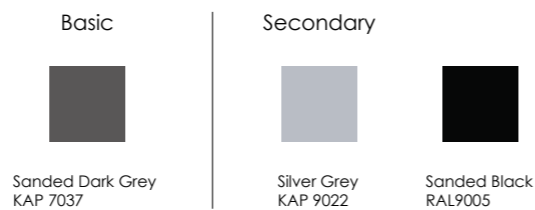
ADJUSTABLE BEAM DIRECTION



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | Tempered glass. T=4mm
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- LENS** | Optical lens, efficiency ≥ 85%
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
H05RN-F 3X1.0mm² L=2.0m (high voltage)
- OPERATING TEMPERATURE** | -20°C ~ 40°C
- SPIKE** | ABS spike 6b(M4)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

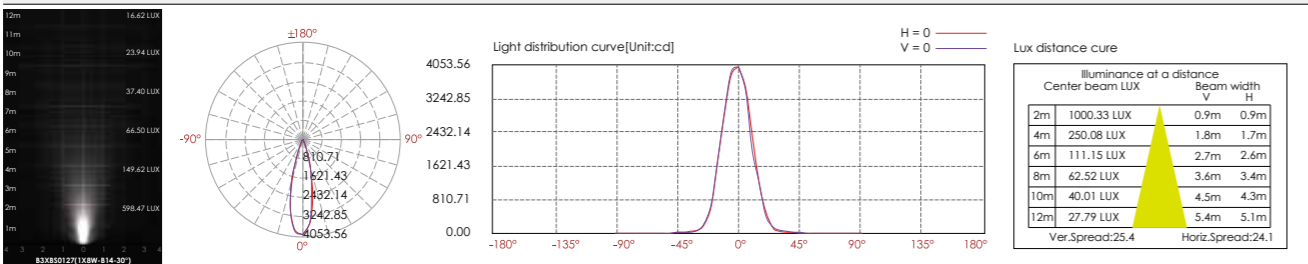
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B3XBS0127	1×8W COB	B67	25°	24V DC 120/240	24V = 411 120V = 88 240V = 50	24V = 9.8 120V = 10.5 240V = 10.8	Cool White = 920 Warm White = 862	07

PHOTOMETRIC CURVES



LED COLOUR TEMPERATURE

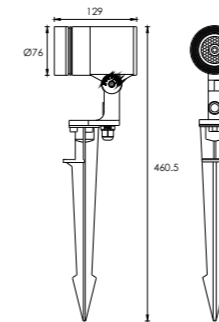
3000K · 6000K

OPTICS

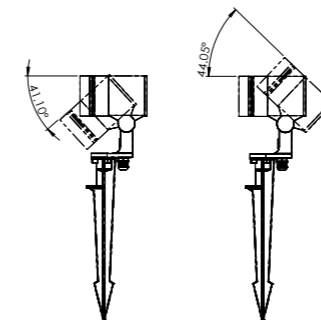


OUTER DIMENSIONS & ACCESSORIES

Unit:mm



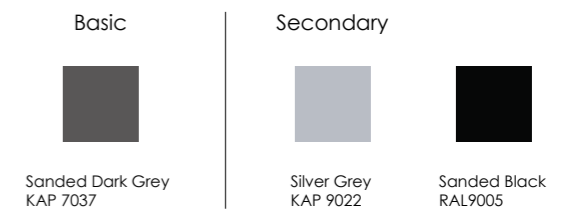
ADJUSTABLE BEAM DIRECTION



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | Tempered glass. T=4mm
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- REFLECTOR** | Optical reflector, efficiency ≥ 85%
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
H05RN-F 3X1.0mm² L=2.0m (high voltage)
- OPERATING TEMPERATURE** | -20°C ~ 40°C
- SPIKE** | ABS spike 6b(M4)

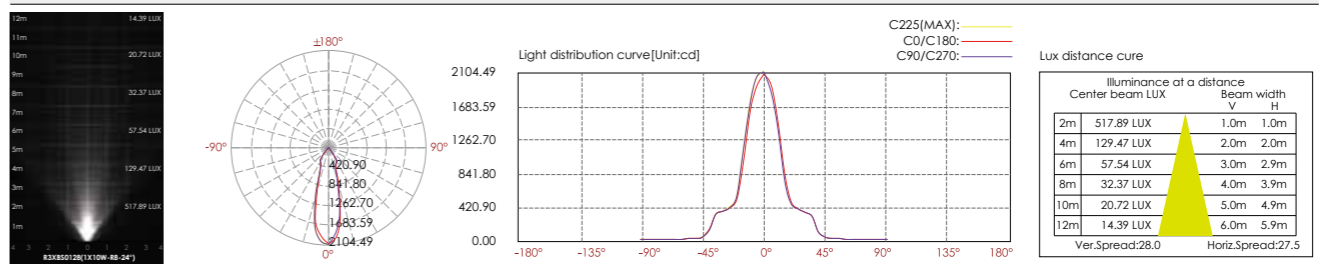
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3XBS0128	1×10W COB	R8	24°	24V DC 120/240	24V = 480 120V = 107 240V = 60	24V = 11.5 120V = 12.6 240V = 12.6	Cool White = 1050 Warm White = 956	07

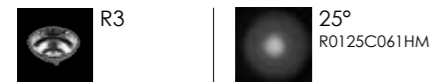
PHOTOMETRIC CURVES



LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

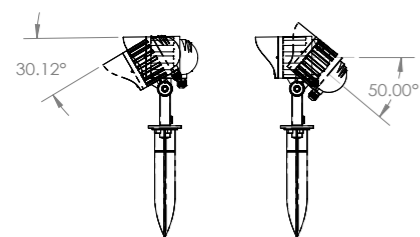
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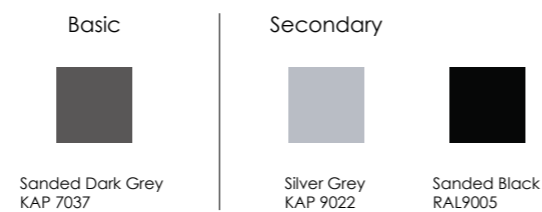
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LED** | NICHIA
- LIGHT WINDOW** | Tempered glass. T=4mm
- CABLE GLAND** | IP67 PG-9 Copper and nickel coated
- GASKET** | Molding shaped silicone double seal
- PCB** | Excellent heat conductivity aluminum. coefficient of heat conductivity ≥ 90%
- LED DRIVER** | Constant current output
- REFLECTOR** | Optical Reflector efficiency ≥ 90%
- OPERATING TEMPERATURE** | -20°C ~ 40°C
- SPIKE** | ABS spike 7a
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
H05RN-F 3X1.0mm² L=2.0m (high voltage)

ADJUSTABLE BEAM DIRECTION



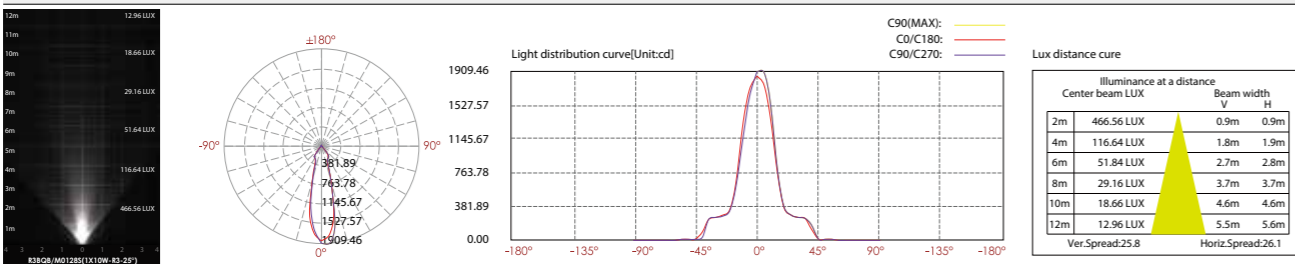
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3BQB0128S	1×10W COB	R3	25°	24V DC 120/240	24V = 411 120V = 88 240V = 48	24V = 9.8 120V = 10.5 240V = 10.5	Cool White = 685 Warm White = 674	05

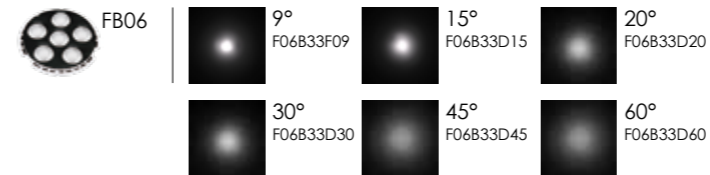
PHOTOMETRIC CURVES



LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

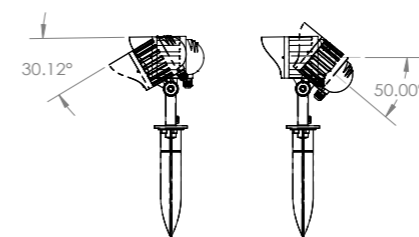
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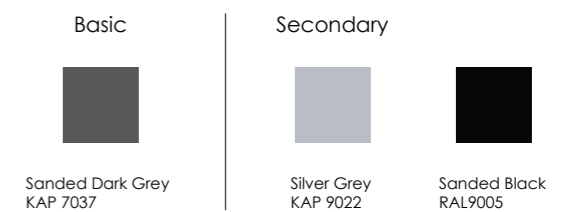
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LENS** | All-in-one optical lens. efficiency ≥ 85%
- LIGHT WINDOW** | Tempered glass. T=4mm
- CABLE GLAND** | IP67 PG-9 Copper and nickel coated
- GASKET** | Molding shaped silicone double seal
- LED** | OSRAM or NICHIA
- PCB** | Excellent heat conductivity aluminum. coefficient of heat Conductivity ≥ 2.0w/mk
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C ~ 40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
H05RN-F 3X1.0mm² L=2.0m (high voltage)
- SPIKE** | ABS spike 7a
- BRACKET** | Powder coated die-casting aluminum
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

ADJUSTABLE BEAM DIRECTION



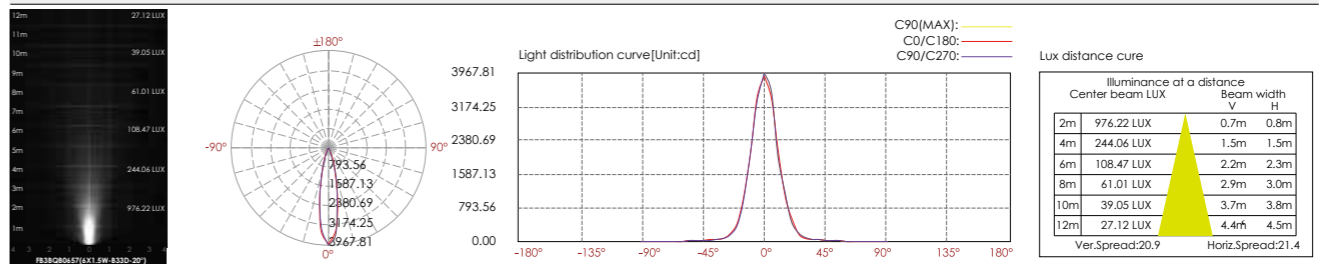
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FB3BQB0657	6×1.5W	FB06	20°	24V DC 120/240	24V = 550 120V = 98 240V = 53	24V = 13.2 120V = 12 240V = 12	Cool White = 1004 Warm White = 775	05

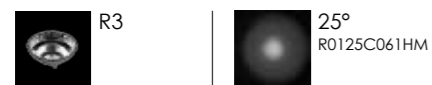
PHOTOMETRIC CURVES



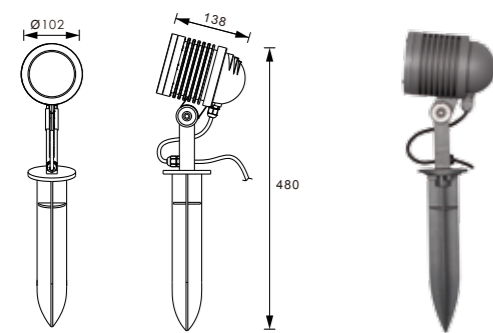
LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS



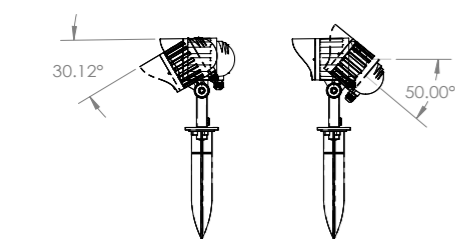
OUTER DIMENSIONS & ACCESSORIES Unit:mm



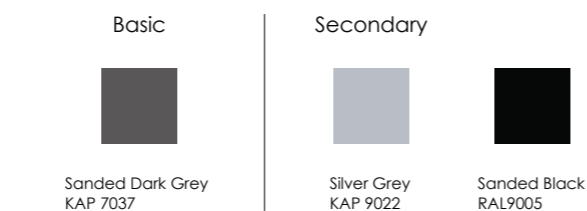
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LED** | NICHIA
- LIGHT WINDOW** | Tempered glass, T=4mm
- CABLE GLAND** | IP 68 PG-9 PA66
- GASKET** | Molding shaped silicone double seal
- PCB** | Excellent heat conductivity aluminum, coefficient of heat conductivity ≥ 90%
- LED DRIVER** | Constant current output
- REFLECTOR** | Optical Reflector efficiency ≥ 90%
- OPERATING TEMPERATURE** | -20°C ~ 40°C
- SPIKE** | ABS spike 7a
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
H05RN-F 3X1.0mm² L=2.0m (high voltage)

ADJUSTABLE BEAM DIRECTION



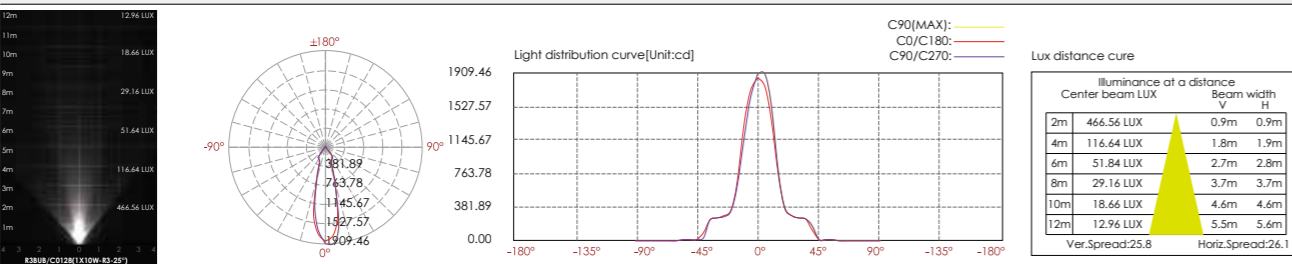
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3BUB0128	1×10W COB	R3	25°	24V DC 120/240	24V = 411 120V = 88 240V = 48	24V = 9.8 120V = 10.5 240V = 10.5	Cool White = 685 Warm White = 674	05

PHOTOMETRIC CURVES



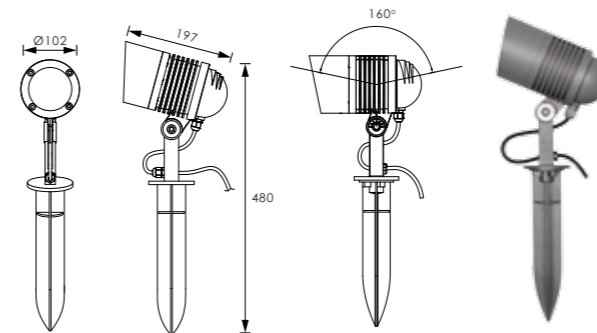
LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS



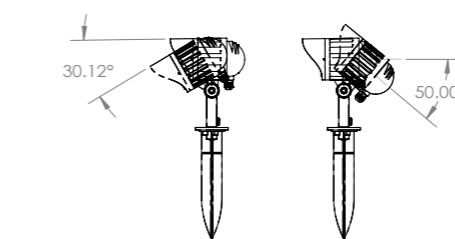
OUTER DIMENSIONS & ACCESSORIES Unit:mm



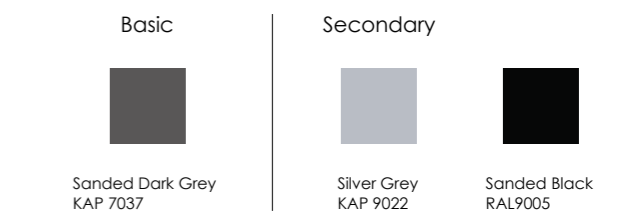
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LED** | NICHIA
- LIGHT WINDOW** | Tempered glass, T=4mm
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Molding shaped silicone double seal
- PCB** | Excellent heat conductivity aluminum, coefficient of heat conductivity ≥ 90%
- LED DRIVER** | Constant current output
- REFLECTOR** | Optical Reflector efficiency ≥ 90%
- OPERATING TEMPERATURE** | -20°C ~ 40°C
- SPIKE** | ABS spike 7a
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
H05RN-F 3X1.0mm² L=2.0m (high voltage)

ADJUSTABLE BEAM DIRECTION



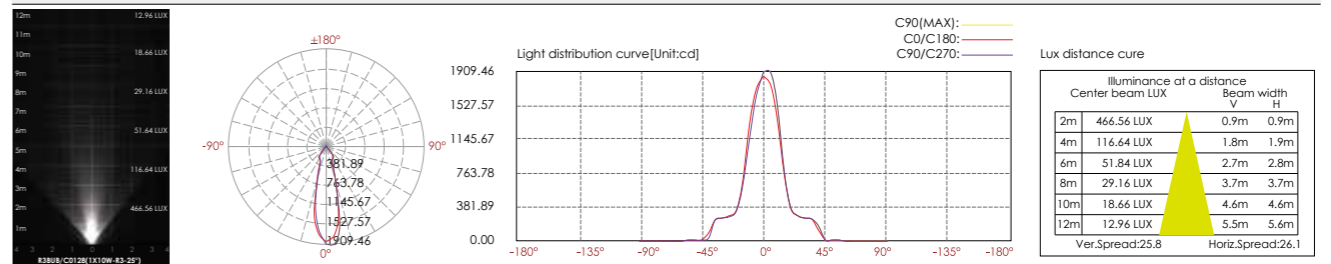
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3BUC0128	1×10W COB	R3	25°	24V DC 120/240	24V = 411 120V = 88 240V = 48	24V = 9.8 120V = 10.5 240V = 10.5	Cool White = 685 Warm White = 674	05

PHOTOMETRIC CURVES





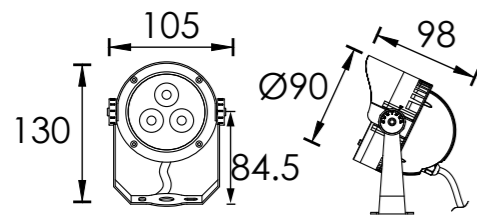
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS



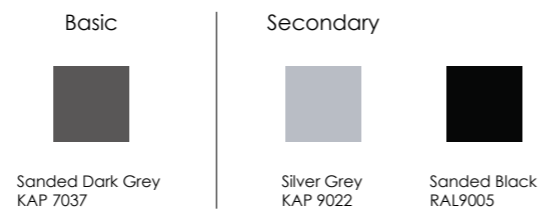
OUTER DIMENSIONS & ACCESSORIES Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm, Adhesion of ISO class 1/ASTM class 4B
- LENS** | All-in-one optical lens, efficiency ≥ 85%
- LIGHT WINDOW** | Tempered glass, T=4mm
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Tooling shaped seal
- BRACKET** | Powder coated aluminum
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
H05RN-F 3X1.0mm² L=2.0m (high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

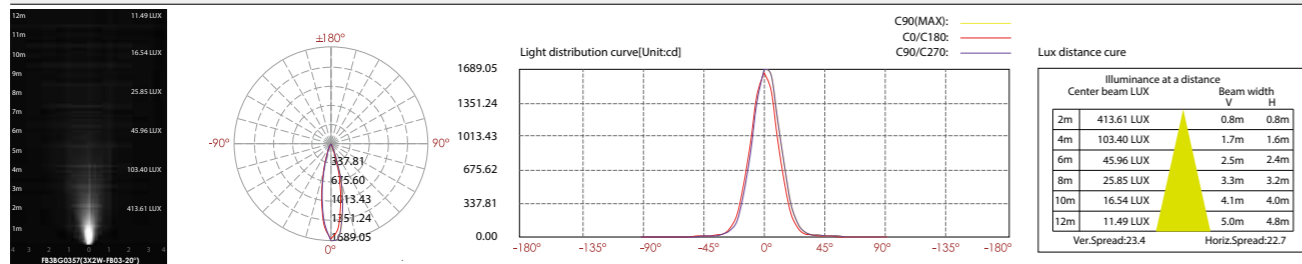
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LENS	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FB3BG0357	3×2W Single Color	FB03	20°	24V DC 120/240	24V = 240 120V = 51 240V = 30	24V = 5.7 120V = 6 240V = 6	Cool White = 466 Warm White = 383	07

PHOTOMETRIC CURVES



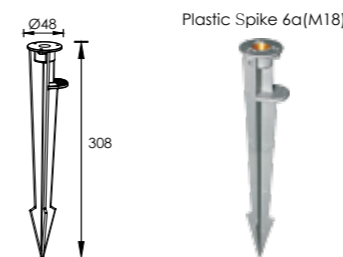
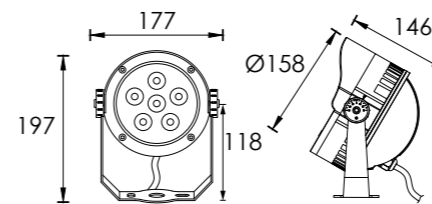
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS



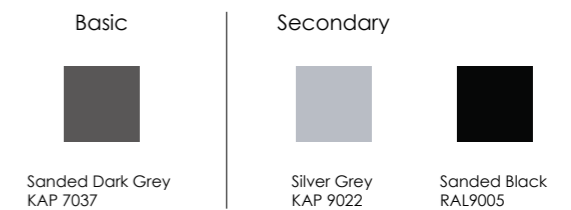
OUTER DIMENSIONS & ACCESSORIES Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm, Adhesion of ISO class 1/ASTM class 4B
- LENS** | All-in-one optical lens, efficiency ≥ 85%
- LIGHT WINDOW** | Tempered glass, T=4mm
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Tooling shaped seal
- BRACKET** | Powder coated aluminum
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
H05RN-F 3X1.0mm² L=2.0m (high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

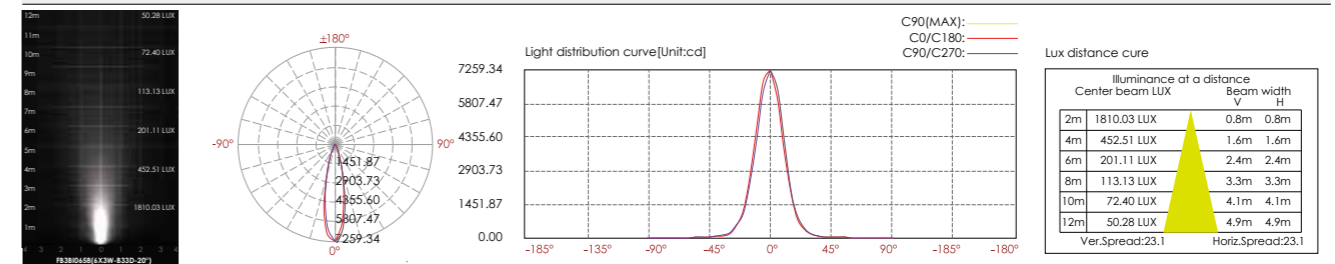
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FB3BI0658	6×3W NICHIA	FB06	20°	24V DC 120/240	24V = 850 120V = 156 240V = 84	24V = 20.4 120V = 18.6 240V = 18.8	Cool White = 1833 Warm White = 1580	08

PHOTOMETRIC CURVES



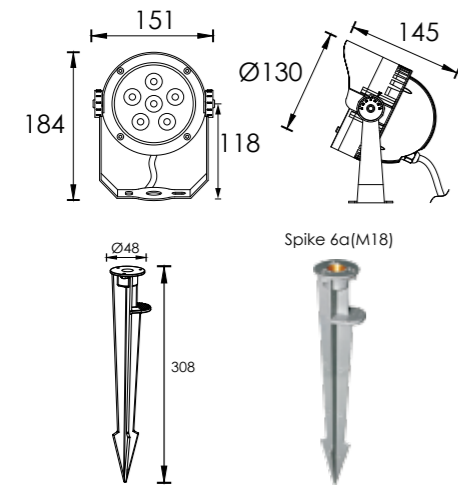
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS



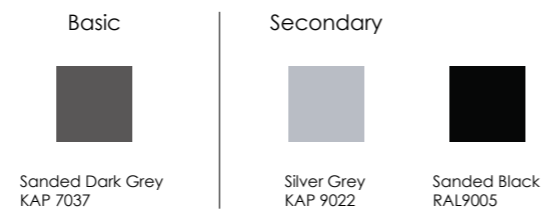
OUTER DIMENSIONS & ACCESSORIES Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LENS** | All-in-one optical lens, efficiency ≥ 85%
- LIGHT WINDOW** | Tempered glass, T=4mm
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Tooling shaped seal
- BRACKET** | Powder coated aluminum
- POWER CABLE** | H05RN-F 2X1.0mm²L=2.0m(low voltage)
H05RN-F 3X1.0mm²L=2.0m(high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

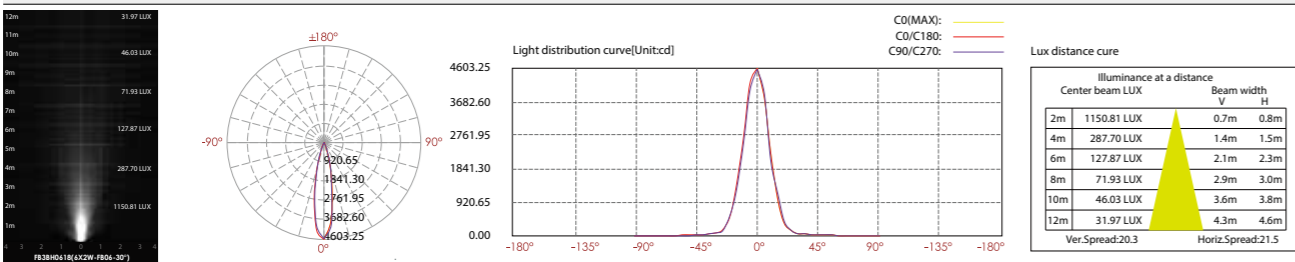
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FB3BH0657	6×2W Single Color	FB06	20°	24V DC 120/240	24V = 558 120V = 97 240V = 57	24V = 13.4 120V = 11.5 240V = 12.6	Cool White = 1117 Warm White = 835	08

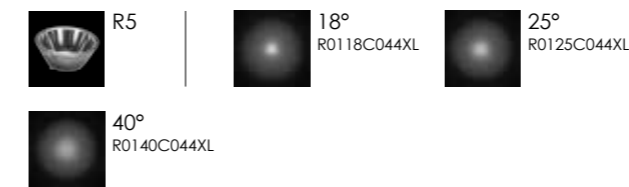
PHOTOMETRIC CURVES



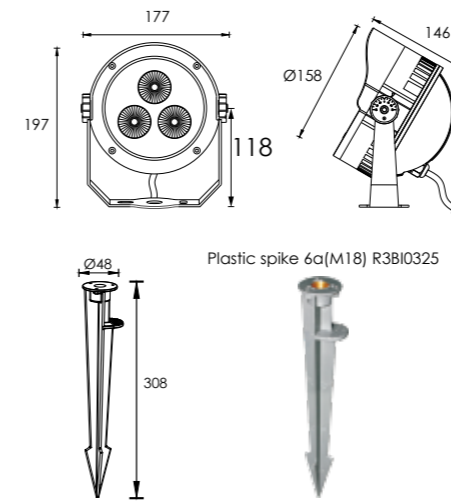
LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- BRACKET** | Powder coated aluminum
- LIGHT WINDOW** | Tempered glass, T=4mm
- REFLECTOR** | Optical Reflector efficiency ≥ 90%
- LED** | Nichia COB LED
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Tooling shaped seal
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m(low voltage)
H05RN-F 3X1.0mm² L=2.0m(high voltage)

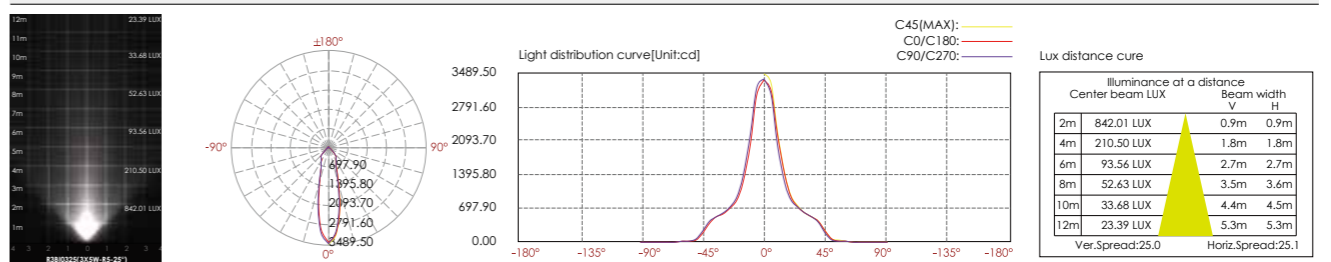
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3BI0325	3×5W COB	R5	25°	120/240	120V = 154 240V = 82	120V = 18.5 240V = 18.5	Cool White = 1745 Warm White = 1516	08

PHOTOMETRIC CURVES



COB Landscape Flood Light



LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS

B55
L0112S050LK 18°
L0124S050LK 28°
L0138S050LK 38°



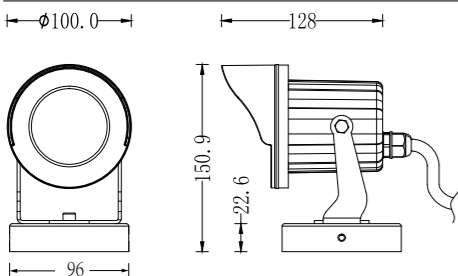
MATERIAL SPECIFICATIONS

Housing	12" Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
Front cover	Hard chrome-plated Stainless steel (SUS 304*, 316* optional)
Light Window	Tempered glass. T=4mm
Gasket	Tooling shaped seal
LED	COB LED 6W
Cable gland	IP-68 PG-9 PA66
Bracket	Powder coated aluminum
Reflector	Optical Reflector efficiency ≥ 90%
Power Cable	H05RN-F 2X1.0mm ² L=2.0m (low voltage) H05RN-F 3X1.0mm ² L=2.0m (high voltage)
Mounting base	12" Die-casting dark grey powder coated aluminum

HOUSING COLOR OPTION

Basic	Secondary	
Sanded Dark Grey KAP 7037	Silver Grey KAP 9022	Sanded Black RAL9005

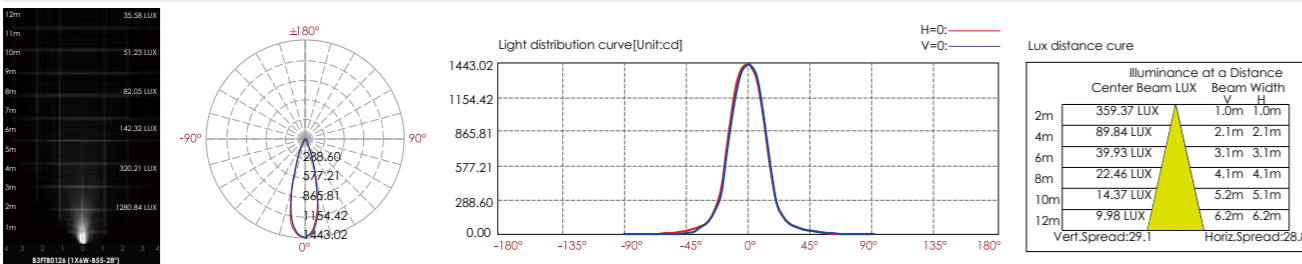
OUTER DIMENSIONS Unit:mm



TECHNICAL DATA

Item	Light source	Lens	The manufacturer selected lens degree(°)θ1/2	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
B3FTM0126	1×6W	B55	28°	24VDC 120/240	24V = 270 120V = 65 240V = 37	24V = 6.5 120V = 7.7 240V = 7.8	Cool white = 490 Warm white = 444	04

PHOTOMETRIC CURVES



COB Landscape Flood Light

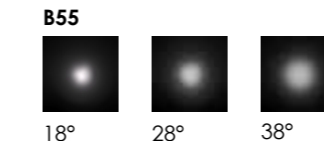


LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS

B55
L0112S050LK 18°
L0124S050LK 28°
L0138S050LK 38°



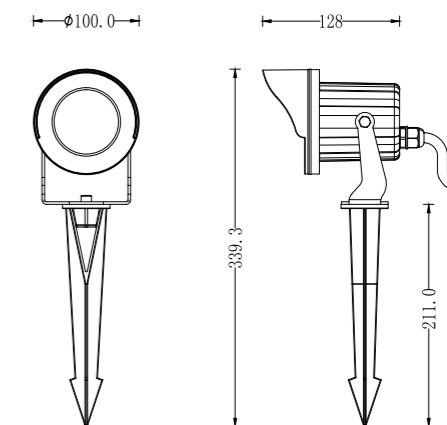
MATERIAL SPECIFICATIONS

Housing	12" Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
Front cover	Hard chrome-plated Stainless steel (SUS 304*, 316* optional)
Light Window	Tempered glass. T=4mm
LED	COB LED 6W
Cable gland	IP-68 PG-9 PA66
Bracket	Powder coated aluminum
Reflector	Optical Reflector efficiency ≥ 90%
Power Cable	H05RN-F 2X1.0mm ² L=2.0m (low voltage) H05RN-F 3X1.0mm ² L=2.0m (high voltage)
Spike	ABS spike 5

HOUSING COLOR OPTION

Basic	Secondary	
Sanded Dark Grey KAP 7037	Silver Grey KAP 9022	Sanded Black RAL9005

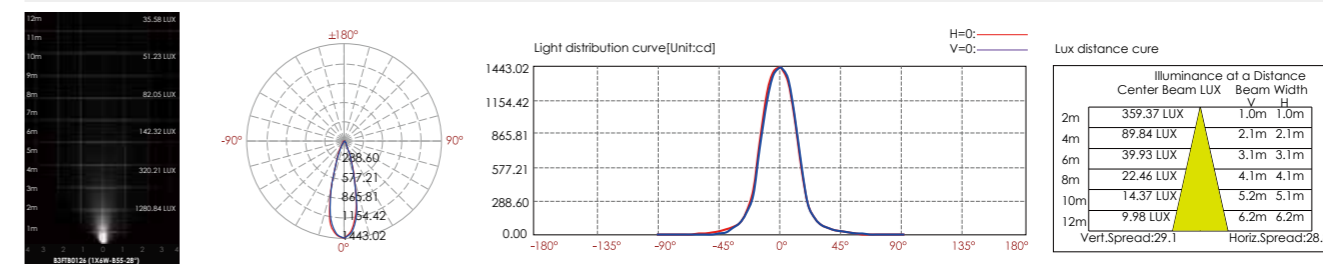
OUTER DIMENSIONS Unit:mm



TECHNICAL DATA

Item	Light source	Lens	The manufacturer selected lens degree(°)θ1/2	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
B3FTB0126	1×6W	B55	28°	24VDC 120/240	24V = 270 120V = 65 240V = 37	24V = 6.5 120V = 7.7 240V = 7.8	Cool white = 490 Warm white = 444	04

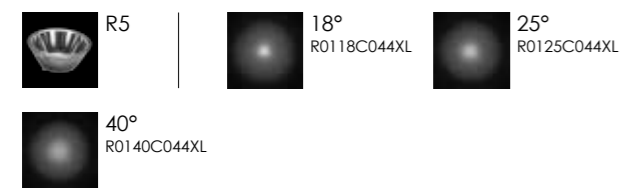
PHOTOMETRIC CURVES



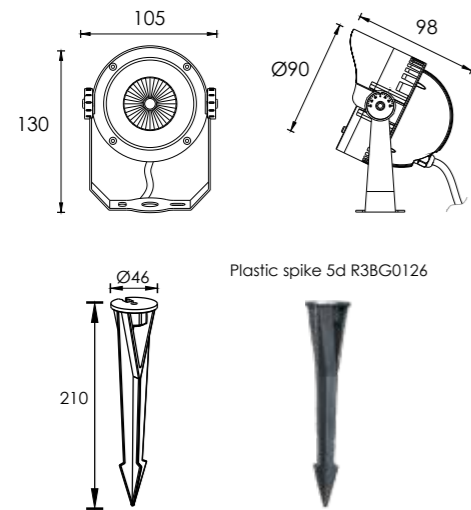
LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS



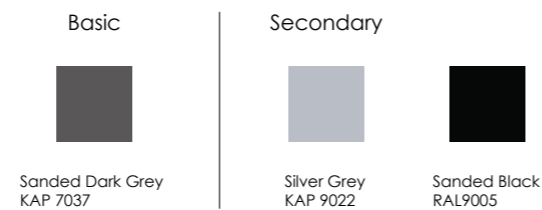
OUTER DIMENSIONS & ACCESSORIES Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- BRACKET** | Powder coated aluminum
- LIGHT WINDOW** | Tempered glass. T=4mm
- REFLECTOR** | Optical Reflector efficiency ≥ 90%
- LED** | Nichia COB LED
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Tooling shaped seal
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
H05RN-F 3X1.0mm² L=2.0m (high voltage)

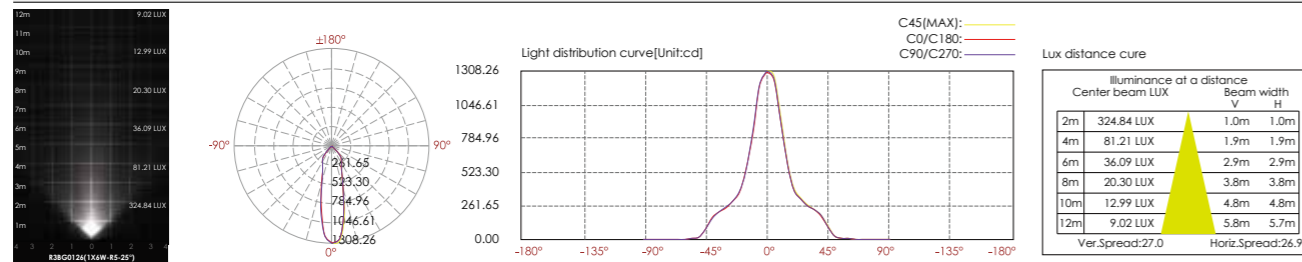
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3BG0126	1×6W COB	R5	25°	24V DC 120V/240	24V = 270 120V = 60 240V = 39	24V = 6.5 120V = 7 240V = 7.1	Cool White = 734 Warm White = 628	07

PHOTOMETRIC CURVES



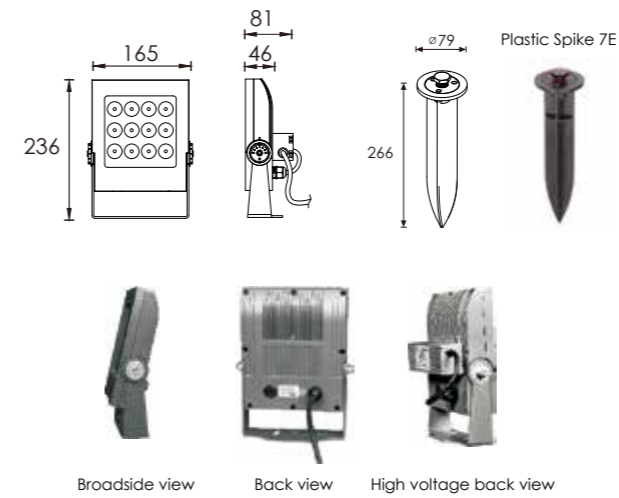
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS



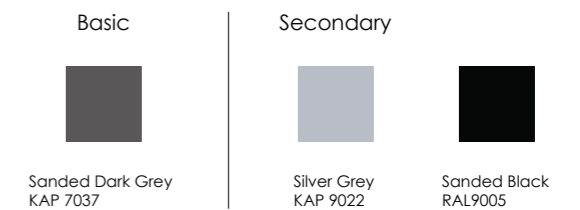
OUTER DIMENSIONS & ACCESSORIES Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | Tempered glass. T=4mm
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Tooling shaped seal
- BRACKET** | Powder coated aluminum
- LED** | OSRAM
- LENS** | Optical lens, efficiency ≥ 90%
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
H05RN-F 3X1.0mm² L=2.0m (high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V DALI

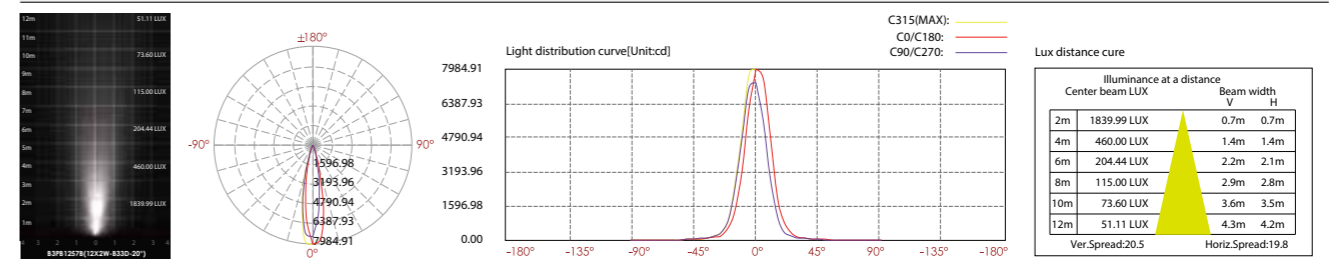
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B3PB1257	12×1.5W	B33D	20°	24V DC 120V/240	24V = 1051 120V = 143 240V = 79	24V = 25 120V = 17 240V = 18	Cool White = 1818 Warm White = 1373	08

PHOTOMETRIC CURVES



LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS



LED COLOUR TEMPERATURE

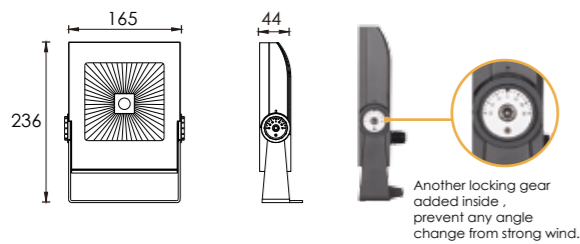
3000K · 6000K

OPTICS

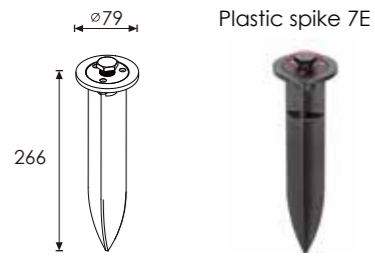


OUTER DIMENSIONS & ACCESSORIES

Unit:mm



Another locking gear added inside, prevent any angle change from strong wind.

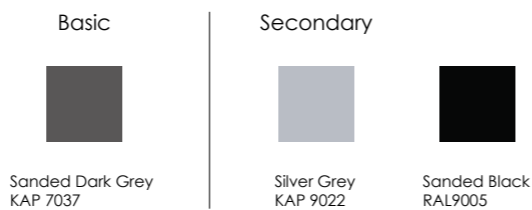


Plastic spike 7E

MATERIAL SPECIFICATIONS

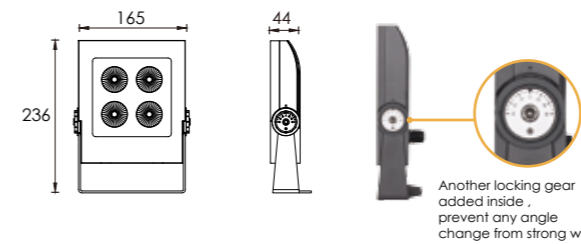
- HOUSING** | 12# Die-casting powder coated aluminum . T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LED** | Nichia COB LED
- LIGHT WINDOW** | Tempered glass, T=4mm
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Tooling shaped seal
- BRACKET** | Powder coated aluminum
- REFLECTOR** | Optical Reflector efficiency≥90%
- POWER CABLE** | H05RN-F 2X1.0mm2 L=2.0m(low voltage)
| H05RN-F 3X1.0mm2 L=2.0m(high voltage)

HOUSING COLOR OPTION

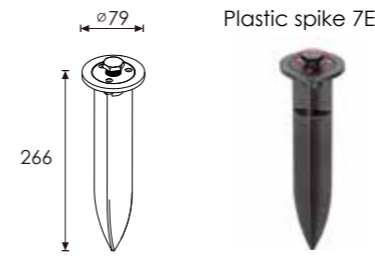


OUTER DIMENSIONS & ACCESSORIES

Unit:mm



Another locking gear added inside, prevent any angle change from strong wind.

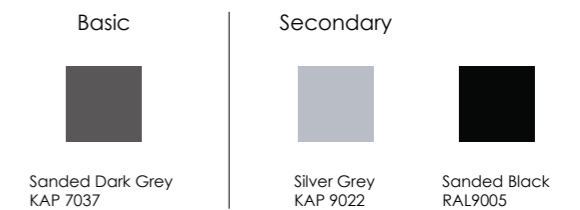


Plastic spike 7E

MATERIAL SPECIFICATIONS

- Housing** | 12# Die-casting powder coated aluminum . T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LED** | Nichia COB LED
- Light Window** | Tempered glass, T=4mm
- Cable gland** | IP68 PG-9 PA66
- Gasket** | Tooling shaped seal
- Bracket** | Powder coated aluminum
- Reflector** | Optical Reflector efficiency≥90%
- Power Cable** | H05RN-F 2X1.0mm2 L=2.0m(low voltage)
| H05RN-F 3X1.0mm2 L=2.0m(high voltage)

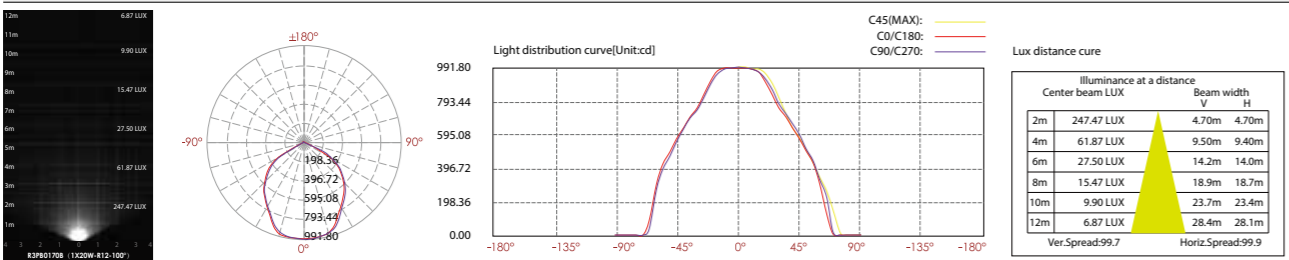
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3PB0171 B	1×20W	R12	100°	24V DC 120/240	24V = 960 120V = 205 240V = 105	24V = 23 120V = 24 240V = 24.4	Cool White = 1885 Warm White = 1678	08

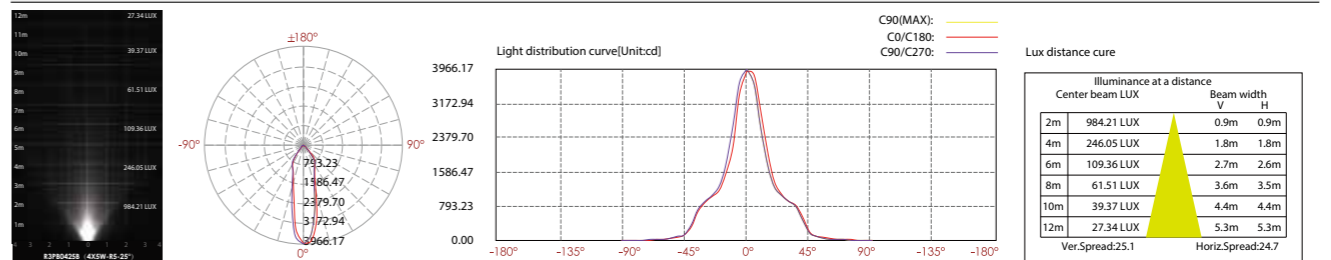
PHOTOMETRIC CURVES



TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3PB0425 B	4×5W COB	R5	25°	24V DC 120/240	24V = 917 120V = 196 240V = 114	24V = 22 120V = 23.3 240V = 24	Cool White = 2206 Warm White = 1740	08

PHOTOMETRIC CURVES



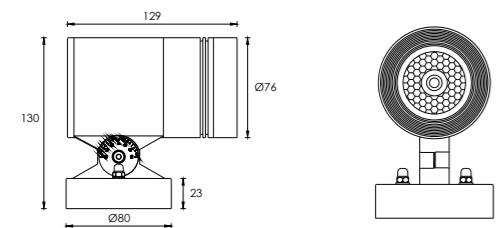
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

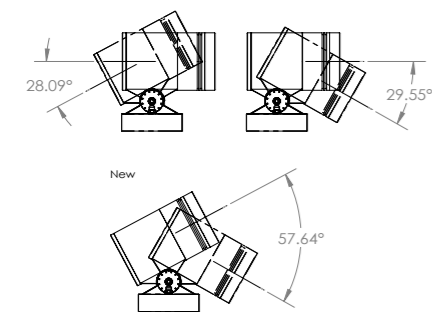
OPTICS



OUTER DIMENSIONS & ACCESSORIES Unit:mm



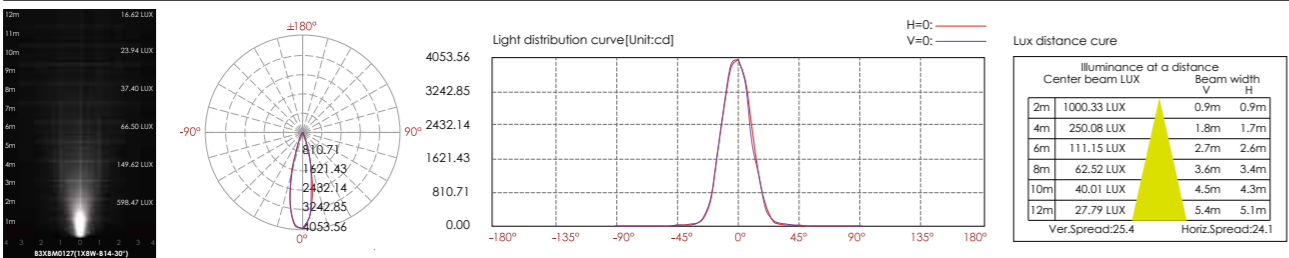
ADJUSTABLE BEAM DIRECTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B3XBM0127	1×8W COB	B67	25°	24V DC 120/240	24V = 411 120V = 88 240V = 50	24V = 9.8 120V = 10.5 240V = 10.8	Cool White = 920 Warm White = 862	07

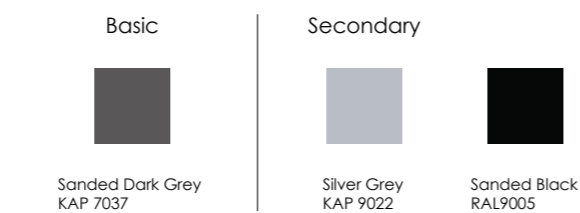
PHOTOMETRIC CURVES



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | Tempered glass. T=4mm
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- LED** | Nichia
- LENS** | Optical lens, efficiency ≥ 85%
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
H05RN-F 3X1.0mm² L=2.0m (high voltage)
- OPERATING TEMPERATURE** | -20°C ~ 40°C
- MOUNTING BASE** | Powder coated die-casting aluminum
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

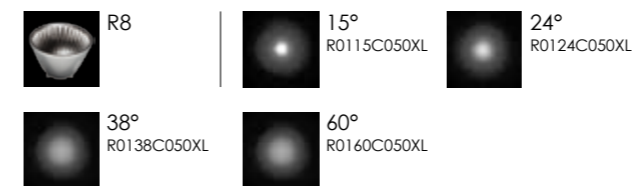
HOUSING COLOR OPTION



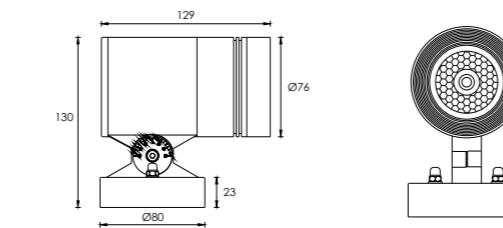
LED COLOUR TEMPERATURE

3000K · 6000K

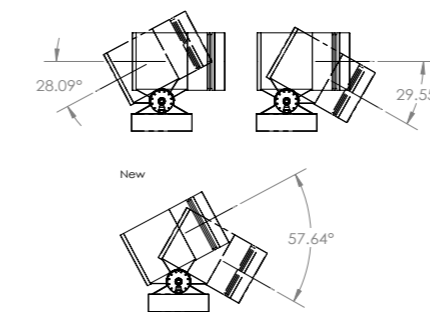
OPTICS



OUTER DIMENSIONS & ACCESSORIES Unit:mm



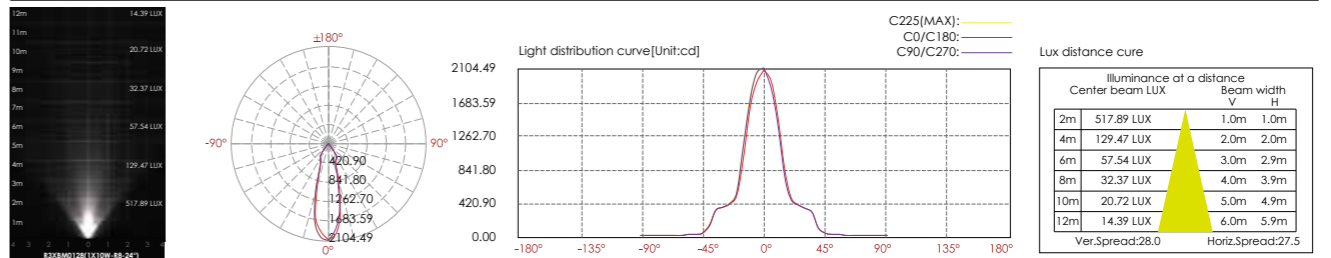
ADJUSTABLE BEAM DIRECTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3XBM0128	1×10W COB	R8	24°	24V DC 120/240	24V = 480 120V = 107 240V = 60	24V = 11.5 120V = 12.6 240V = 12.6	Cool White = 1050 Warm White = 956	07

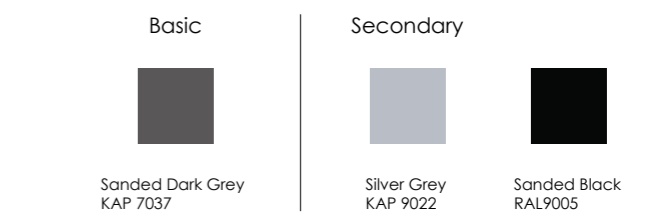
PHOTOMETRIC CURVES



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | Tempered glass. T=4mm
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- LED** | NICHIA
- LENS** | Optical lens, efficiency ≥ 85%
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.3m (low voltage)
H05RN-F 3X1.0mm² L=0.3m (high voltage)
- OPERATING TEMPERATURE** | -20°C ~ 40°C
- MOUNTING BASE** | Powder coated die-casting aluminum

HOUSING COLOR OPTION





LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS



R12



100°
R01100C136RD

HOUSING COLOR OPTION

Basic



Sanded Dark Grey
KAP 7037

Secondary



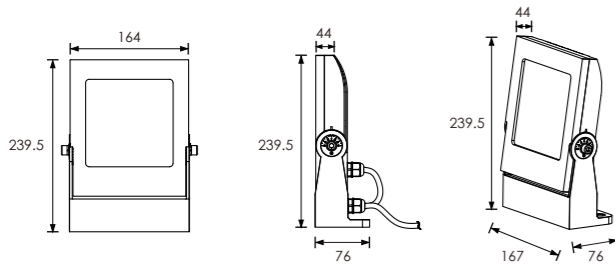
Silver Grey
KAP 9022



Sanded Black
RAL9005

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



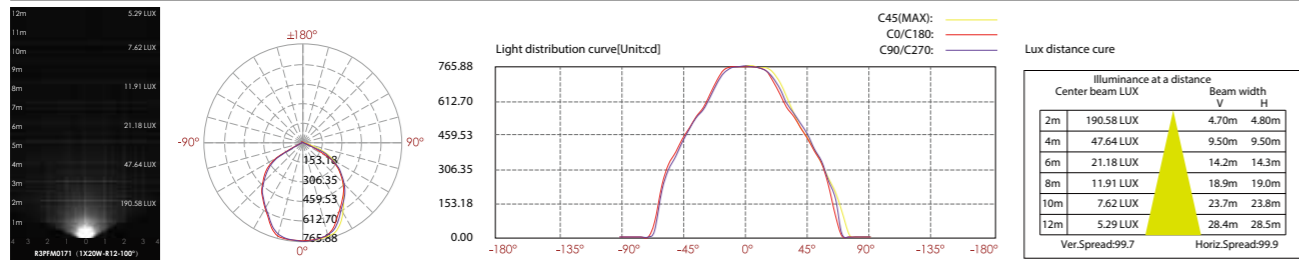
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting powder coated aluminum .
T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LED** | Nichia COB LED
- LIGHT WINDOW** | Tempered glass. T=4mm
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Tooling shaped seal
- BRACKET** | Powder coated aluminum
- REFLECTOR** | Optical Reflector efficiency≥90%
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m(low voltage)
| H05RN-F 3X1.0mm² L=2.0m(high voltage)

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3PFM0171	1×20W	R12	100°	24V DC 120/240	24V = 960 120V = 205 240V = 105	24V = 23 120V = 24 240V = 24.4	Cool White = 1885 Warm White = 1678	08

PHOTOMETRIC CURVES

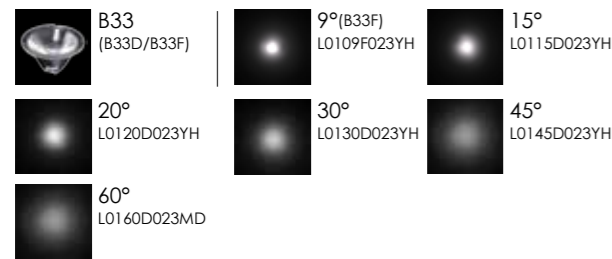




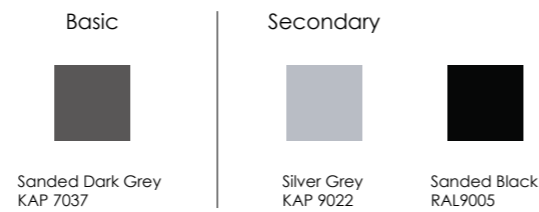
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

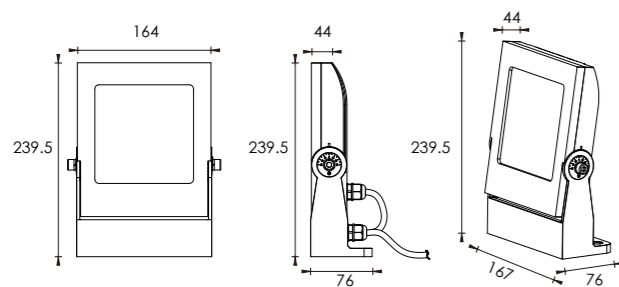
OPTICS



HOUSING COLOR OPTION



OUTER DIMENSIONS & ACCESSORIES Unit:mm



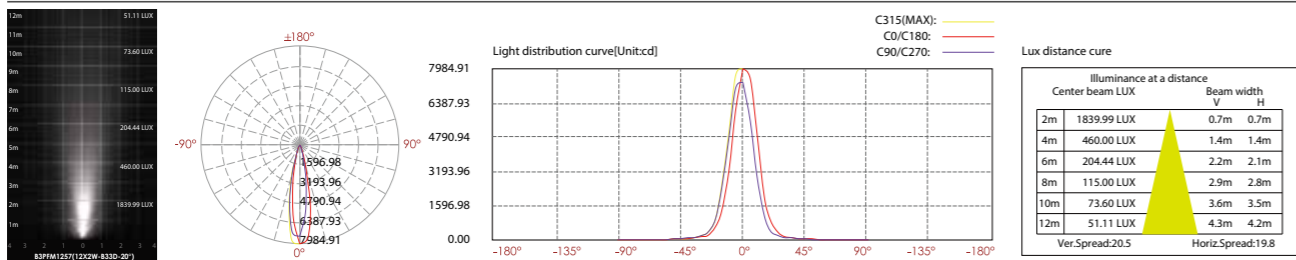
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting powder coated aluminum . T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | Tempered glass. T=4mm
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Tooling shaped seal
- BRACKET** | Powder coated aluminum
- LED** | OSRAM or NICHIA
- LENS** | Optical lens, efficiency≥90%
- POWER CABLE** | H05RN-F 2X1.0mm2 L=2.0m(low voltage)
| H05RN-F 3X1.0mm2 L=2.0m(high voltage)
- DIMMABLE SUPPORT** | Triac. PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B3PFM1257	12×2W	B33D	20°	24V DC 120/240	24V = 1051 120V = 143 240V = 79	24V = 25 120V = 17 240V = 18	Cool White = 1818 Warm White = 1373	08

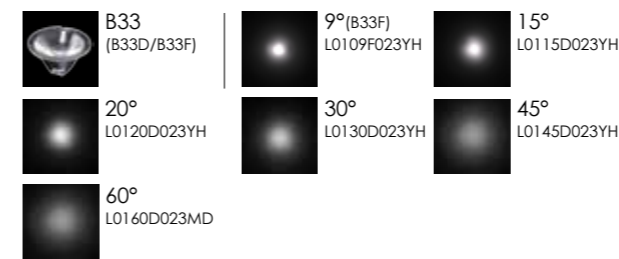
PHOTOMETRIC CURVES



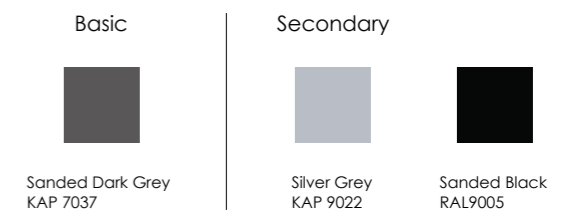
LED COLOUR TEMPERATURE

3000K · 6000K

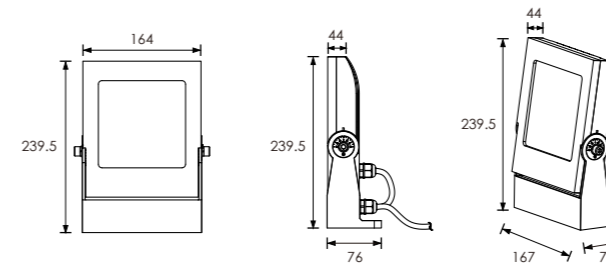
OPTICS



HOUSING COLOR OPTION



OUTER DIMENSIONS & ACCESSORIES Unit:mm



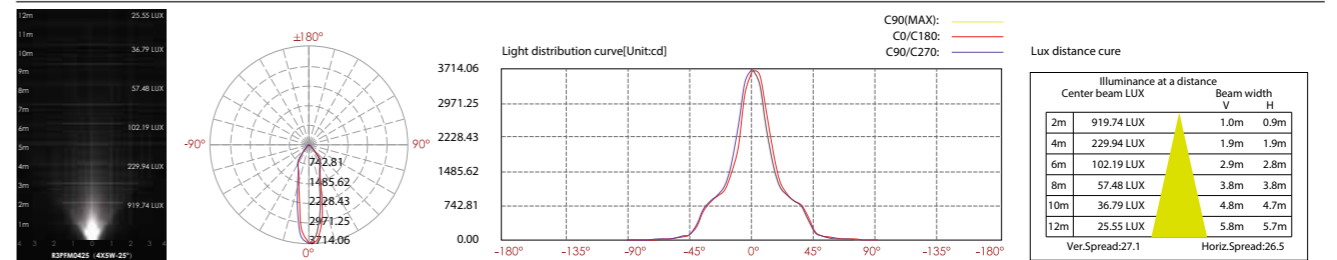
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting powder coated aluminum . T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LED** | Nichia COB LED
- LIGHT WINDOW** | Tempered glass. T=4mm
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Tooling shaped seal
- BRACKET** | Powder coated aluminum
- REFLECTOR** | Optical Reflector efficiency≥90%
- POWER CABLE** | H05RN-F 2X1.0mm2 L=2.0m(low voltage)
| H05RN-F 3X1.0mm2 L=2.0m(high voltage)

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3PFM0425	4×5W	R5	25°	24V DC 120/240	24V = 917 120V = 196 240V = 114	24V = 22 120V = 23.3 240V = 24	Cool White = 2206 Warm White = 1704	08

PHOTOMETRIC CURVES





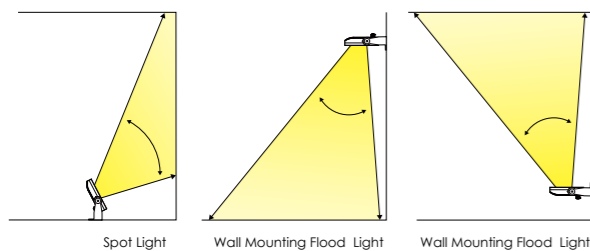
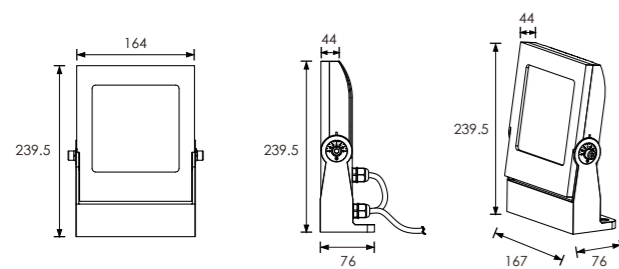
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

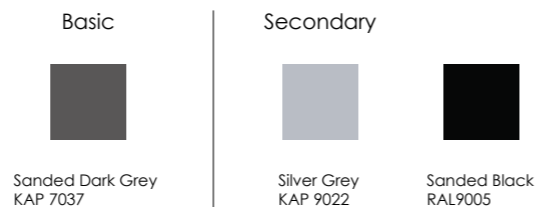
OPTICS



OUTER DIMENSIONS & ACCESSORIES Unit:mm



HOUSING COLOR OPTION



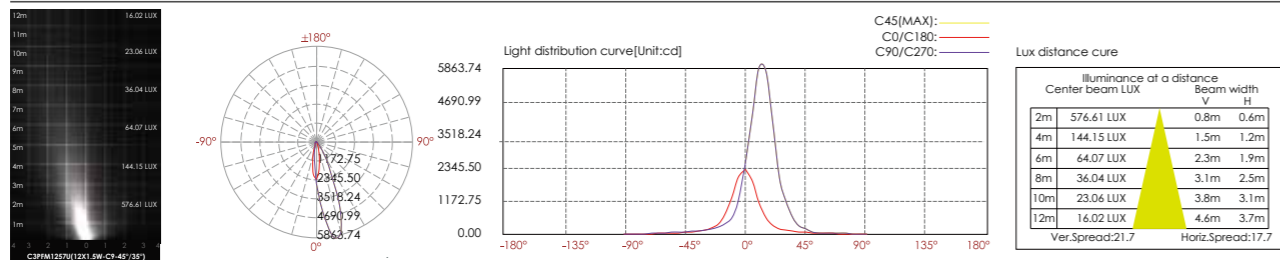
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting powder coated aluminum . T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- BRACKET** | Powder coated aluminum
- LIGHT WINDOW** | Tempered glass. T=4mm
- REFLECTOR** | Optical Reflector efficiency≥90%
- LED** | OSRAM or NICHIA
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Tooling shaped seal
- POWER CABLE** | 24V: H05RN-F 2×1.0mm2 L=2M(Single)
100/240V: H05RN-F 3×1.0mm2 L=2M(Single)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
C3PFM1257 U	12×1.5W	C9	45° 35°	24V DC	24V = 1051	24V = 25	Cool White = 1355 Warm White = 1206	08
				120V/240	120V = 143	120V = 18		
					240V = 79	240V = 18		

PHOTOMETRIC CURVES



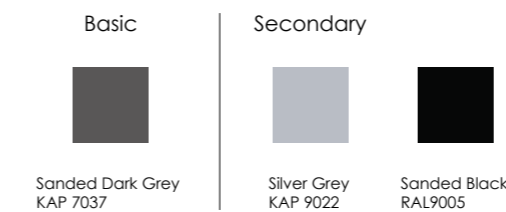
LED COLOUR TEMPERATURE

3000K · 6000K

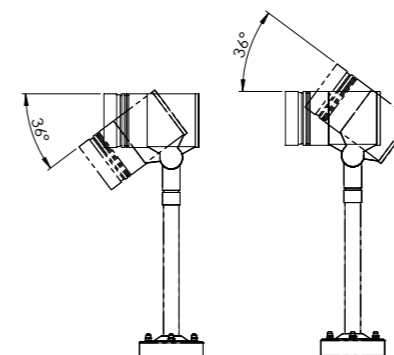
OPTICS



HOUSING COLOR OPTION



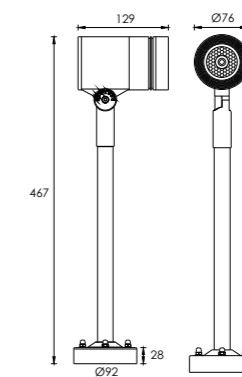
ADJUSTABLE BEAM DIRECTION



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | Tempered glass. T=4mm
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- LED** | NICHIA
- LENS** | Optical lens, efficiency≥85%
- POWER CABLE** | H05RN-F 2X1.0mm2 L=2.0m(low voltage)
H05RN-F 3X1.0mm2 L=2.0m(high voltage)
- OPERATING TEMPERATURE** | -20°C~40°C
- MOUNTING BASE** | Powder coated die-casting aluminum

OUTER DIMENSIONS & ACCESSORIES Unit:mm

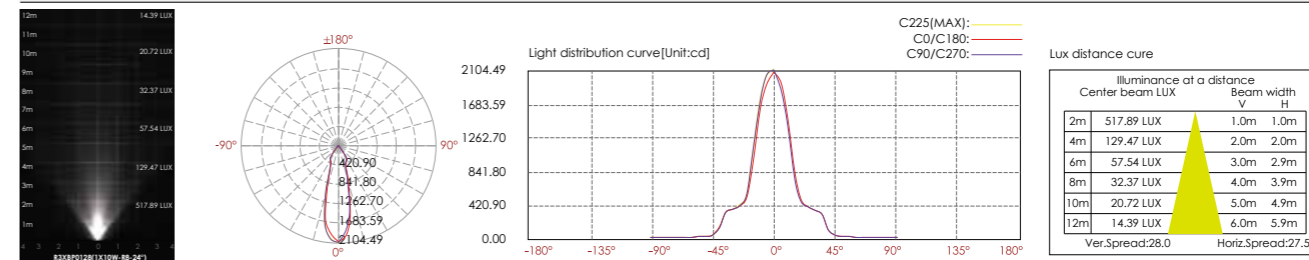


Remark:
•Standard pole length of this item is 500mm, 250mm, 100mm.
•Customized length is available.

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3XBP0128	1×10W COB	R8	24°	24V DC	24V = 480	24V = 11.5	Cool White = 1050 Warm White = 956	07
				120V/240	120V = 107	120V = 12.6		
					240V = 60	240V = 12.6		

PHOTOMETRIC CURVES

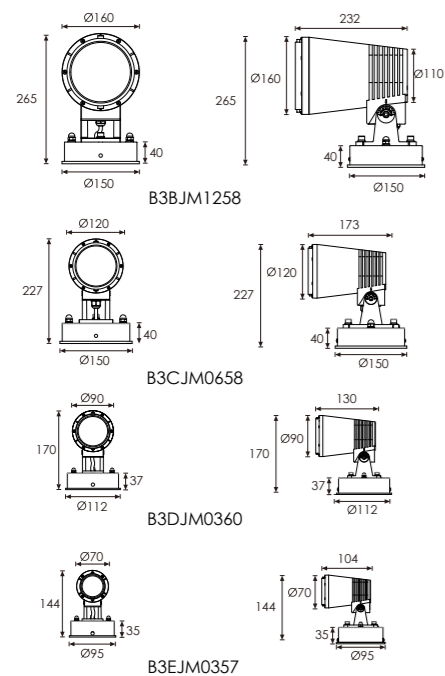




LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

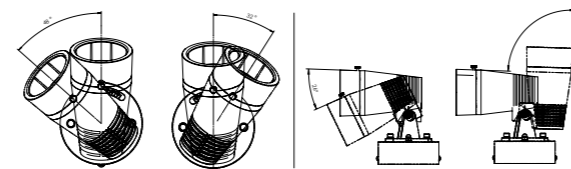
OUTER DIMENSIONS & ACCESSORIES Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | Tempered glass.T=3mm
- LED** | NICHIA
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Tooling shaped seal
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.3 m(low voltage)
H05RN-F 3X1.0mm² L=0.3 m(high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

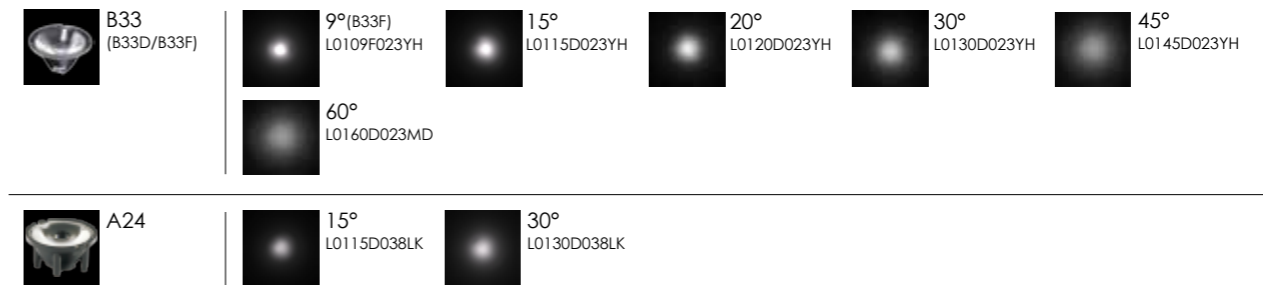
ADJUSTABLE BEAM DIRECTION



HOUSING COLOR OPTION



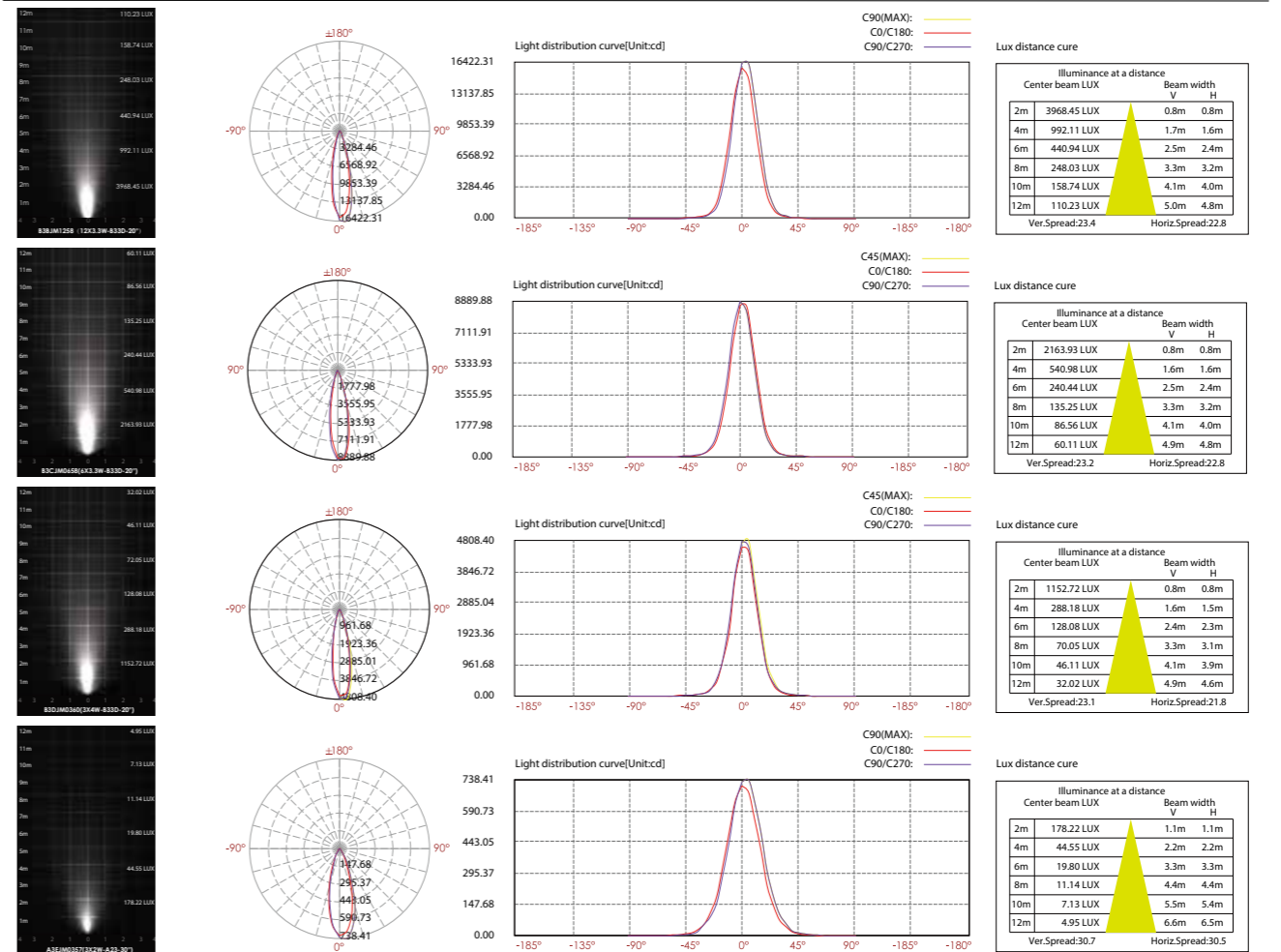
OPTICS



TECHNICAL DATA

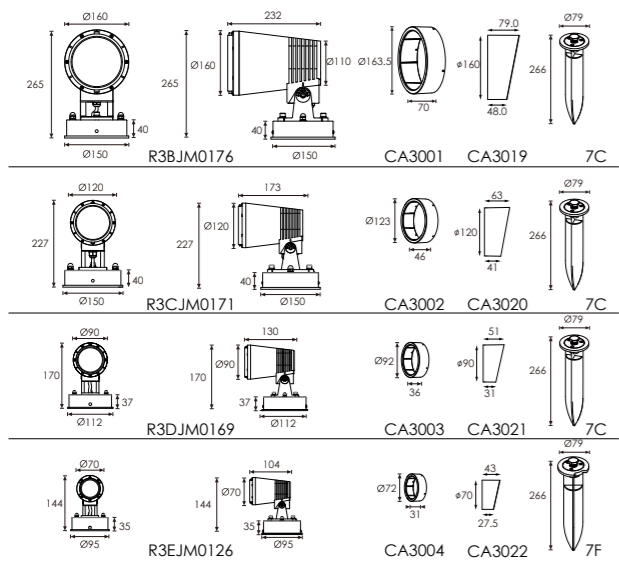
ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B3BJM1258	12×3.3W	B33D	20°	120/240V	120V = 366 240V = 186	120V = 44.2 240V = 44	Cool White = 4035 Warm White = 3431	06
B3CJM0658	6×3.3W	B33D	20°	120/240	120V = 196 240V = 101	120V = 23.1 240V = 23.3	Cool White = 2017 Warm White = 1855	06
B3DJM0360	3×4W	B33D	20°	120/240	120V = 118 240V = 65	120V = 14.5 240V = 15.1	Cool White = 1230 Warm White = 1018	06
B3EJM0357	3×2W	A24	30°	24V DC 120/240	24V = 300 120V = 110 240V = 65	24V = 7.2 120V = 8.3 240V = 8.5	Cool White = 560 Warm White = 518	05

PHOTOMETRIC CURVES





OUTER DIMENSIONS & ACCESSORIES Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | Tempered glass. T=3mm
- REFLECTOR** | Optical Reflector efficiency≥90%
- LED** | NICHIA
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Tooling shaped seal
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.3m(low voltage)
H05RN-F 3X1.0mm² L=0.3m(high voltage)

HOUSING COLOR OPTION



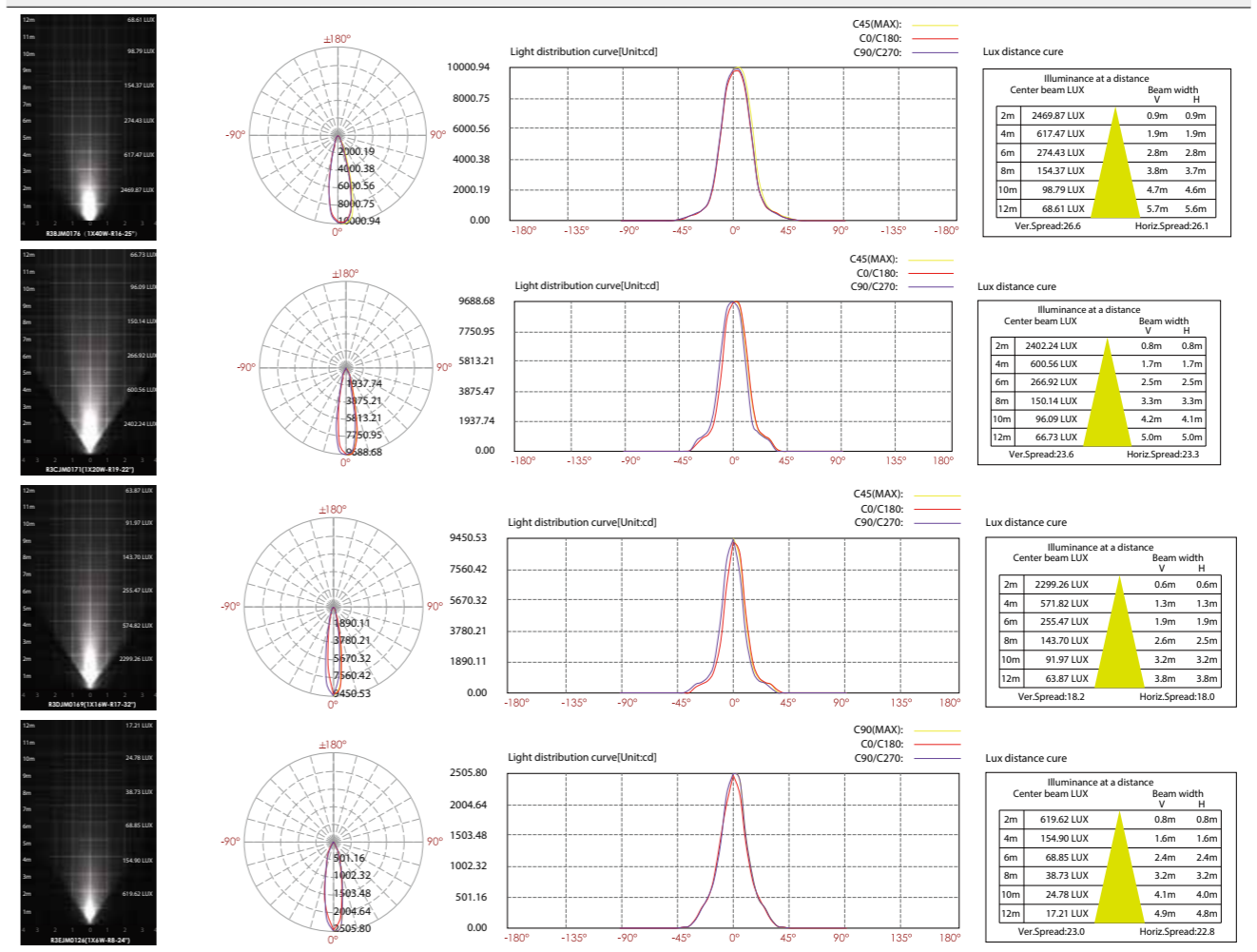
OPTICS

R8	15° R0115C050XL	24° R0124C050XL	38° R0138C050XL	60° R0160C050XL
R16	12° R0112C110XL	25° R0125C110XL	38° R0138C110XL	
R17	12° R0112C069XL	18° R0118C069XL	32° R0132C069XL	
R19	10° R0110C095XL	22° R0122C095XL	38° R0138C095XL	

TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3BJM0176	1×40W COB	R16	25°	120/240V	120V = 372 240V = 187	120V = 44.8 240V = 44.5	Cool White = 3338 Warm White = 2949	06
R3CJM0171	1×20W COB	R19	22°	24V DC 120/240	24V = 960 120V = 205 240V = 108	24V = 23 120V = 23.5 240V = 24.2	Cool White = 1753 Warm White = 1543	06
R3DJM0169	1×16W COB	R17	32°	24V DC 120/240	24V = 700 120V = 145 240V = 80	24V = 17 120V = 17 240V = 17	Cool White = 1315 Warm White = 1225	06
R3EJM0126	1×6W COB	R8	24°	24V DC 120/240	24V = 320 120V = 65 240V = 37	24V = 7.5 120V = 7.7 240V = 7.8	Cool White = 730 Warm White = 646	05

PHOTOMETRIC CURVES



FEATURES



ACCESSORIES OPTION : SPIKE



ACCESSORIES OPTION : HOOD



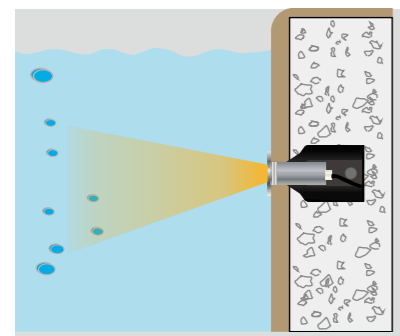
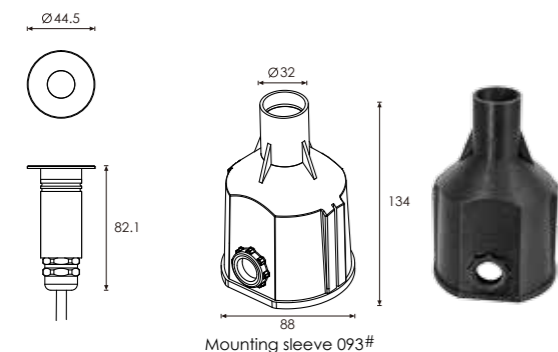
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES Unit:mm



• Water must be allowed to go inside and outside sleeve freely without leaking to the other side.
• **Warning** : Must be installed under the water to prevent the light from being burnt off because of over-heating.

MATERIAL SPECIFICATIONS

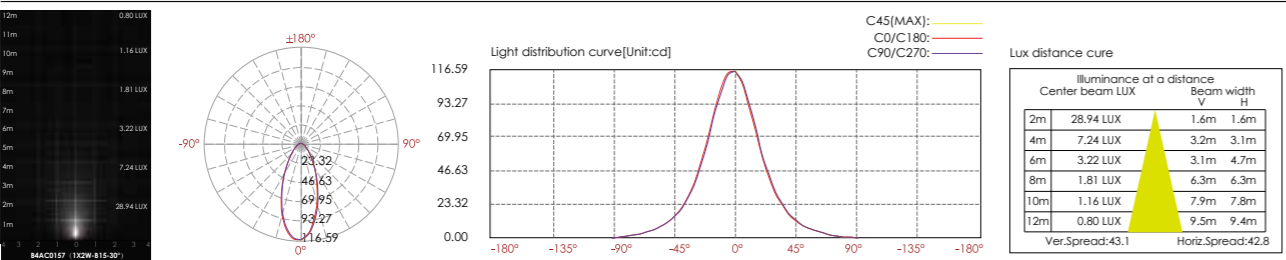
- FRONT COVER & HOUSING** | Molding shaped sus 316L# stainless steel housing
- GASKET** | EPDM gasket
- LIGHT WINDOW** | Step tempered glass, T=4mm
- LENS** | Optical lens, efficiency≥85%
- CABLE GLAND** | IP68 PG-11 copper with nickel-coated
- PCB** | Excellent heat conductivity aluminum, coefficient of heat conductivity≥2.0w/mk
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth
- POWER CABLE** | H07RN-F 2X1.0mm L=3m
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B4AC0157	1×2W Single color	B15	30°	24V DC	87	2	Cool White = 102 Warm White = 94	03

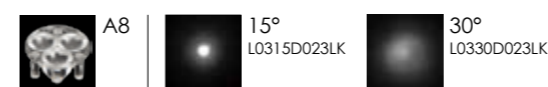
PHOTOMETRIC CURVES



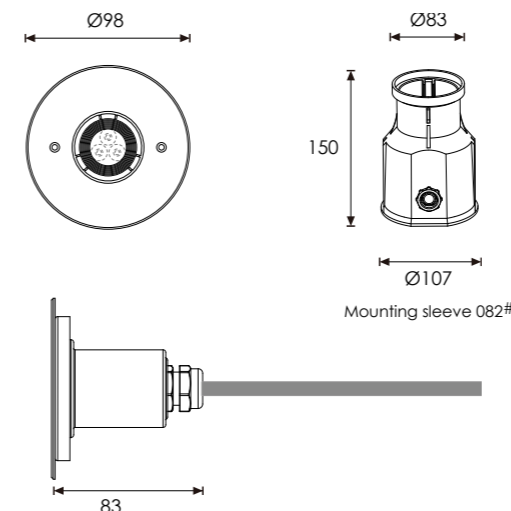
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS

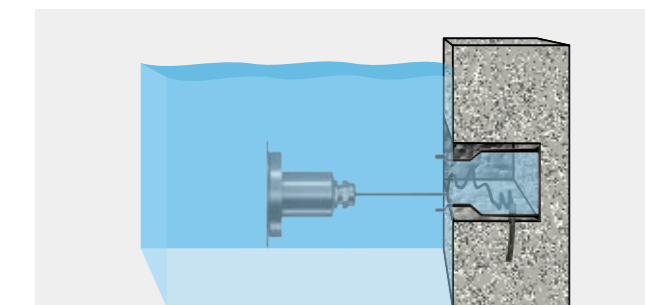


OUTER DIMENSIONS & ACCESSORIES Unit:mm



MATERIAL SPECIFICATIONS

- FRONT COVER & HOUSING** | Hard chrome plated molding shaped SUS 316L# stainless steel housing
- GASKET** | EPDM gasket
- LIGHT WINDOW** | Step tempered glass, T=8mm
- LENS** | All-in-one optical lens, efficiency≥85%
- CABLE GLAND** | IP68 PG-11 copper with nickel-coated
- PCB** | Excellent heat conductivity aluminum, coefficient of heat conductivity≥2.0w/mk
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth
- POWER CABLE** | H07RN-F 2X1.0mm L=3m
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

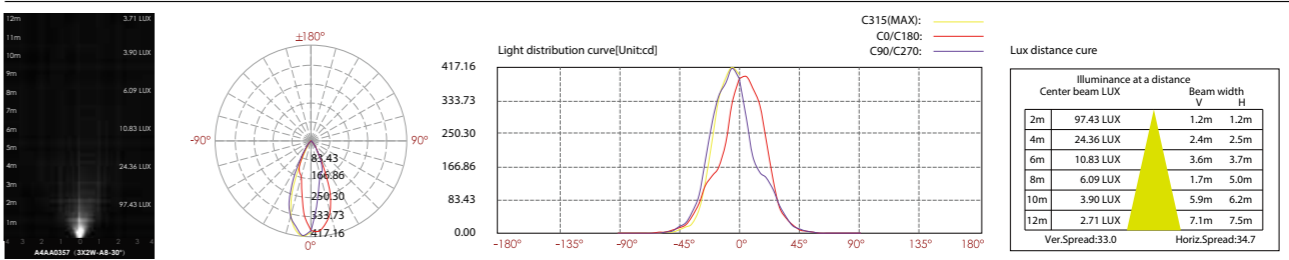


• Water must be allowed to go inside and outside sleeve freely without leaking to the other side.
• **Warning** : Must be installed under the water to prevent the light from being burnt off because of over-heating.

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
A4AA0357	3×2W Single color	A8	30°	24V DC	245	5.9	Cool White = 466 Warm White = 383	07

PHOTOMETRIC CURVES





OPTICS

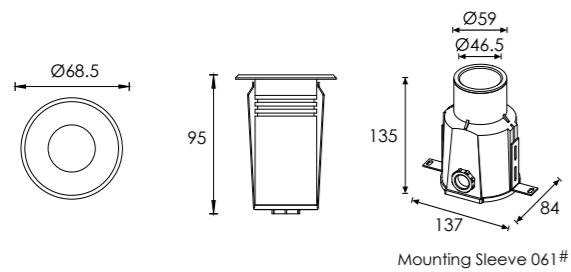


LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



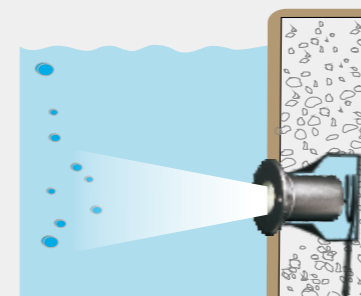
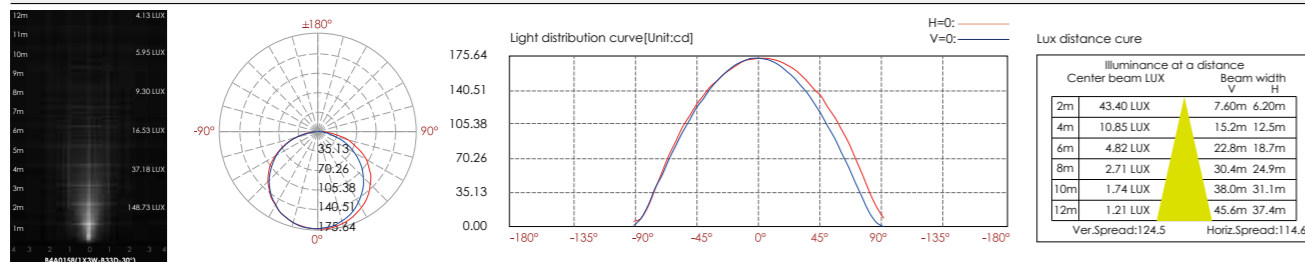
MATERIAL SPECIFICATIONS

- FRONT COVER & HOUSING** | Hard chromeplated molding shaped stainless steel SUS 316#
- LIGHT WINDOW** | Step tempered glass.T=7mm
- GASKET** | Silicone Gasket
- LENS** | Optical lens,efficiency≥85%
- PCB** | Excellent heat conductivity aluminum.coefficient of heat Conductivity≥2.0w/mk
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- POWER CABLE** | H07RN-F 2X1.0mm2 L=3.0m
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth.
- MOUNTING SLEEVE** | 1061# ABS
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B4A0158	1×3W	B33D	30°	24V DC	110	2.6	Cool White = 174 Warm White = 139	06

PHOTOMETRIC CURVES



- Water must be allowed to go inside and outside sleeve freely without leaking to the other side.
- Warning : Must be installed under the water to prevent the light from being burnt off because of over-heating.

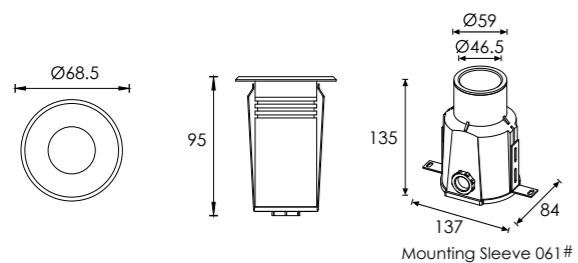


OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

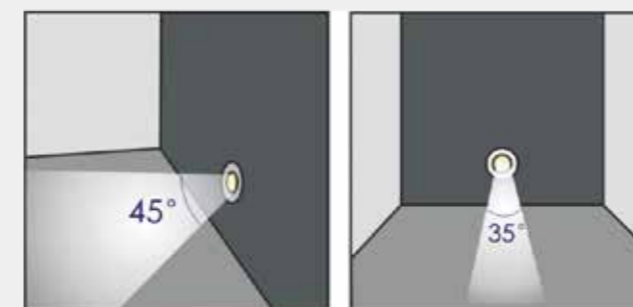
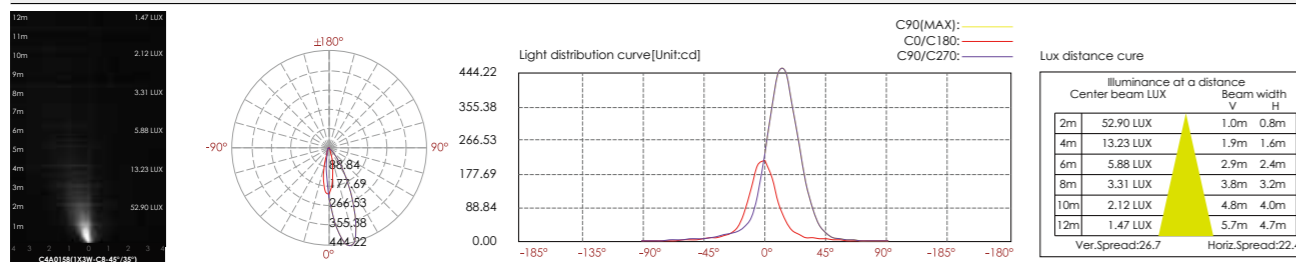
MATERIAL SPECIFICATIONS

- FRONT COVER & HOUSING** | Hard chrome plated molding shaped stainless steel SUS 316#
- LIGHT WINDOW** | 1 Step tempered glass, T=7mm
- GASKET** | 1 Silicone Gasket
- LENS** | 1 Optical lens, efficiency ≥ 85%
- PCB** | Excellent heat conductivity aluminum, coefficient of heat Conductivity ≥ 2.0w/mk
- LED DRIVER** | 1 Constant Voltage Input, Constant Current Output
- POWER CABLE** | 1 H07RN-F 2X1.0mm² L=3.0m
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth
- MOUNTING SLEEVE** | 1 061# ABS
- DIMMABLE SUPPORT** | 1 Triac PWM 1-10V Dim

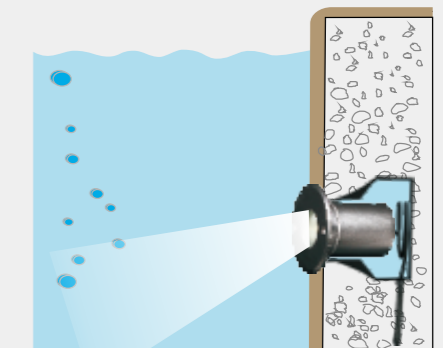
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
C4A0158	1×3W	C9	45°/35°	24V DC	110	2.6	Cool White = 143 Warm White = 115	06

PHOTOMETRIC CURVES



Impression drawing of C4A0158



- Water must be allowed to go inside and outside sleeve freely without leaking to the other side.
- **Warning** : Must be installed under the water to prevent the light from being burnt off because of over-heating.



Overheat Sensor Inside

OPTICS



LED COLOUR TEMPERATURE

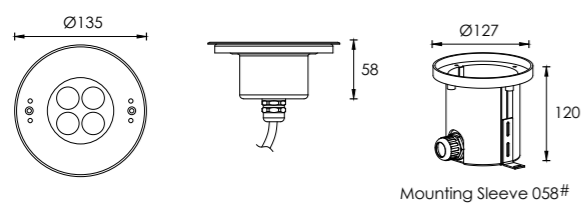
2000K · 3000K · 6000K

MATERIAL SPECIFICATIONS

- FRONT COVER & HOUSING** | Molding shaped hard chromeplated stainless steel SUS 316L#
- LIGHT WINDOW** | Step tempered glass.T=8mm
- GASKET** | Silicone gasket
- PCB** | Excellent heat conductivity aluminum.coefficient of heatConductivity≥2.0w/mk
- CABLE GLAND** | IP68 PG-11 copper with nickel-coated
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- POWER CABLE** | H07RN-F 2X1.0mm2 L=3.0m
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth
- BUILT-IN OVERHEAT SENSOR SYSTEM** | Automatic Shutdown at 75°C
- MOUNTING SLEEVE** | 058# ABS
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

OUTER DIMENSIONS & ACCESSORIES

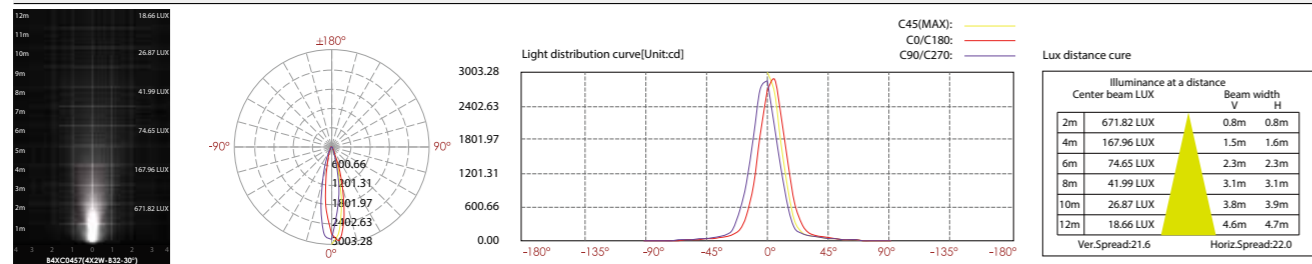
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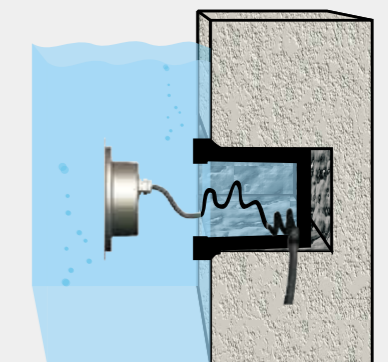
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B4XC0457	4×2W	B32	30°	24V DC	371	8.9	Cool White = 467 Warm White = 415	08

PHOTOMETRIC CURVES



Built-in Radiator



- Water must be allowed to go inside and outside sleeve freely without leaking to the other side.
- **Warning** : Must be installed under the water to prevent the light from being burnt off because of over-heating.



Overheat Sensor Inside

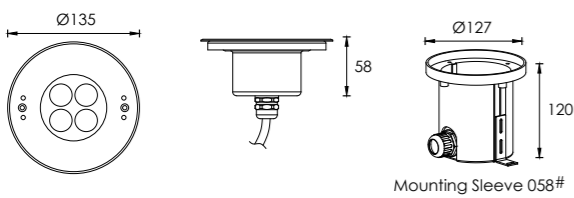
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES Unit:mm



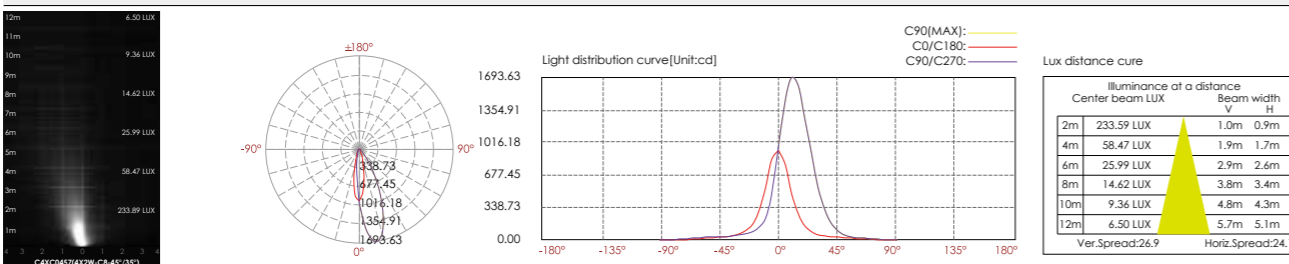
MATERIAL SPECIFICATIONS

- FRONT COVER & HOUSING** | Hard chromeplated molding shaped stainless steel SUS 316L#
- LIGHT WINDOW** | Step tempered glass.T=8mm
- GASKET** | Silicone gasket
- PCB** | Excellent heat conductivity aluminum.coefficient of heatConductivity≥2.0w/mk
- CABLE GLAND** | IP68 PG-11 copper with nickel-coated
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- POWER CABLE** | H07RN-F 2X1.0mm2 L=3.0m
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth
- BUILT-IN OVERHEAT SENSOR SYSTEM** | Automatic Shutdown at 75°C
- MOUNTING SLEEVE** | 058# ABS
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

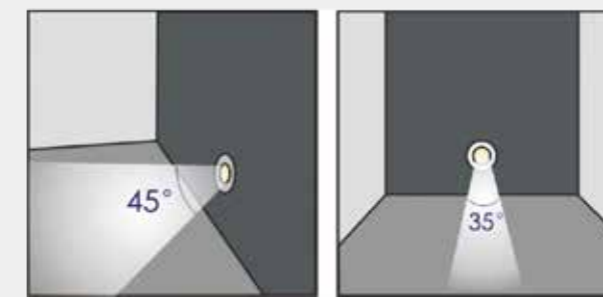
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
C4XC0457	4×2W	C8	45°/35°	24V DC	371	8.9	Cool White = 511 Warm White = 450	08

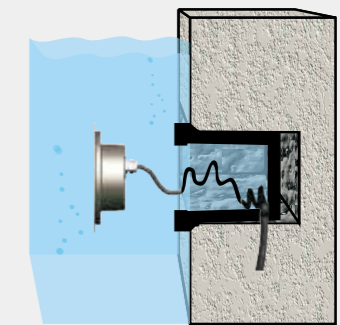
PHOTOMETRIC CURVES



Built-in Radiator



Impression drawing of C4A0158



•Water must be allowed to go inside and outside sleeve freely without leaking to the other side.
•Warning : Must be installed under the water to prevent the light from being burnt off because of over-heating.



Overheat Sensor Inside

OPTICS



LED COLOUR TEMPERATURE

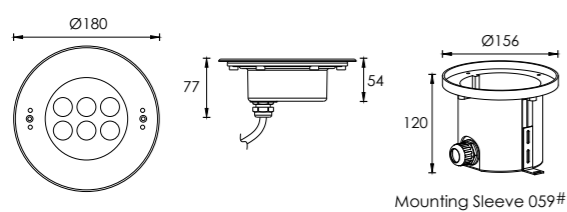
2000K · 3000K · 6000K

MATERIAL SPECIFICATIONS

FRONT COVER & HOUSING	Molding shaped hard chromeplated stainless steel SUS 316L#
LIGHT WINDOW	Step tempered glass.T=8mm
GASKET	Silicone gasket
PCB	Excellent heat conductivity aluminum.coefficient of heatConductivity≥2.0w/mk
CABLE GLAND	IP68 PG-11 copper with nickel-coated
LED DRIVER	Constant Voltage Input,Constant Current Output
POWER CABLE	H07RN-F 2X1.0mm2 L=3.0m
APPLICATION ENVIRONMENT	Temperature of water between -20°C~40°C less than 1 meter depth
BUILT-IN OVERHEAT SENSOR SYSTEM	Automatic Shutdown at 75°C
MOUNTING SLEEVE	1059# ABS
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

OUTER DIMENSIONS & ACCESSORIES

Unit:mm

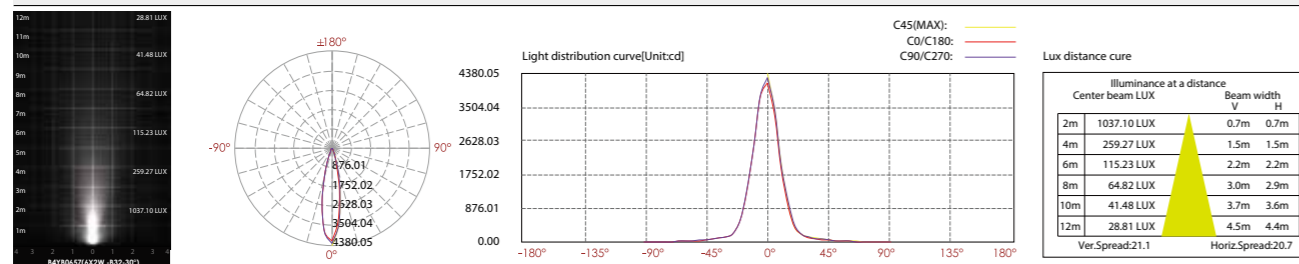


Mounting Sleeve 059#

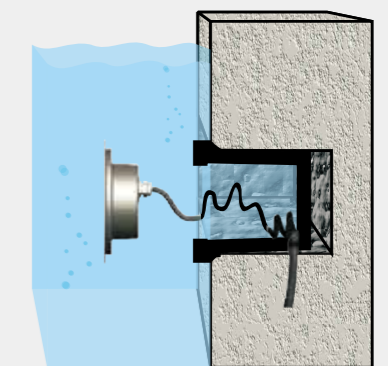
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B4YB0657	6×2W	B32	30°	24V DC	700	16.8	Cool White = 754 Warm White = 656	08

PHOTOMETRIC CURVES



Built-in Radiator



•Water must be allowed to go inside and outside sleeve freely without leaking to the other side.
•Warning : Must be installed under the water to prevent the light from being burnt off because of over-heating.





Overheat Sensor Inside

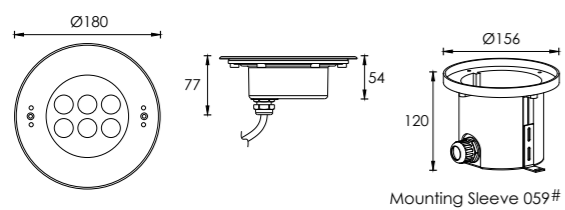
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES Unit:mm



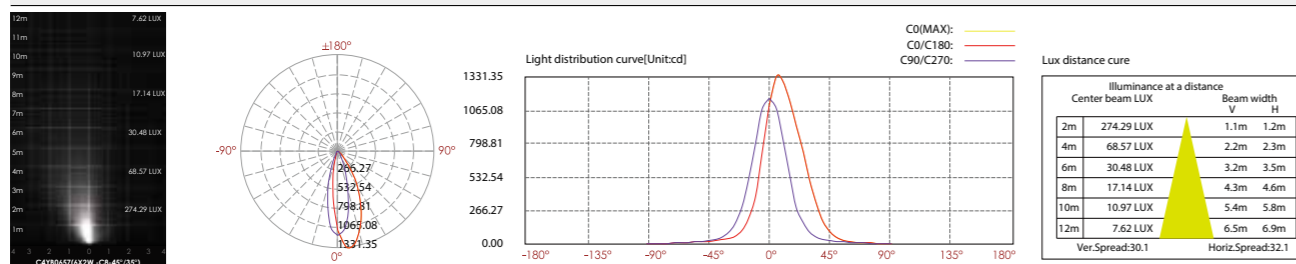
MATERIAL SPECIFICATIONS

- FRONT COVER & HOUSING** | Molding shaped hard chromeplated stainless steel SUS 316L#
- LIGHT WINDOW** | Step tempered glass,T=8mm
- GASKET** | Silicone gasket
- PCB** | Excellent heat conductivity aluminum.coefficient of heatConductivity≥2.0w/mk
- CABLE GLAND** | IP68 PG-11 copper with nickel-coated
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- POWER CABLE** | H07RN-F 2X1.0mm2 L=3.0m
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth
- BUILT-IN OVERHEAT SENSOR SYSTEM** | Automatic Shutdown at 75°C
- MOUNTING SLEEVE** | 059# ABS
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

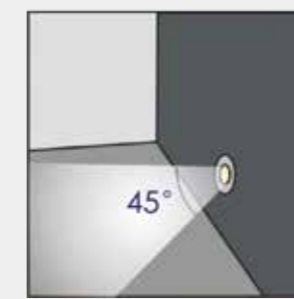
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
C4YB0657	6×2W	C8	45° / 35°	24V DC	700	16.8	Cool White = 853 Warm White = 682	08

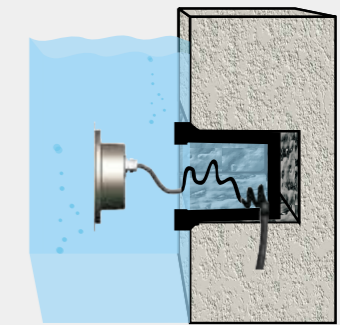
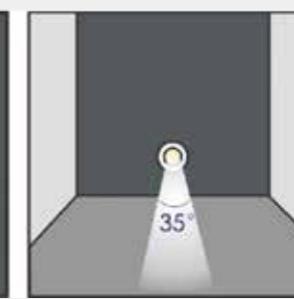
PHOTOMETRIC CURVES



Built-in Radiator



Impression drawing of C4A0158



•Water must be allowed to go inside and outside sleeve freely without leaking to the other side.
•Warning : Must be installed under the water to prevent the light from being burnt off because of over-heating.



Overheat Sensor Inside

OPTICS



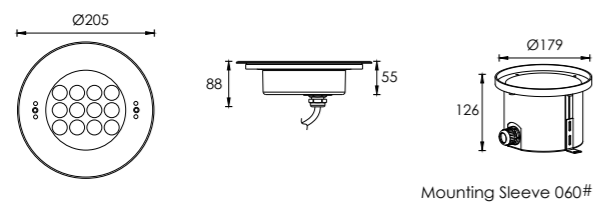
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

MATERIAL SPECIFICATIONS

- FRONT COVER & HOUSING** | Molding shaped hard chromeplated stainless steel SUS 316L#
- LIGHT WINDOW** | Step tempered glass.T=10mm
- GASKET** | Silicone Gasket
- LENS** | All-in-one Optical lens,efficiency≥85%
- PCB** | Excellent heat conductivity aluminum,coefficient of heatConductivity≥2.0w/mk
- CABLE GLAND** | IP68 PG-11 copper with nickel-coated
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- POWER CABLE** | H07RN-F 2X1.0mm² L=3.0m
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth.
- BUILT-IN OVERHEAT SENSOR SYSTEM** | Automatic Shutdown at 75°C
- MOUNTING SLEEVE** | ABS 060#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

OUTER DIMENSIONS & ACCESSORIES Unit:mm

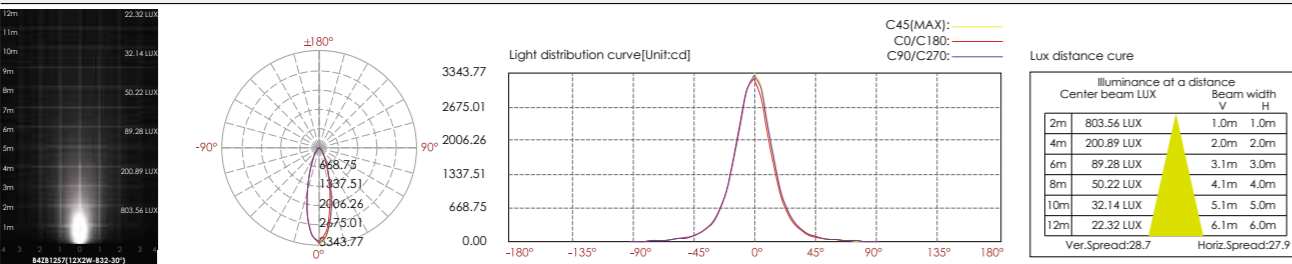


Mounting Sleeve 060#

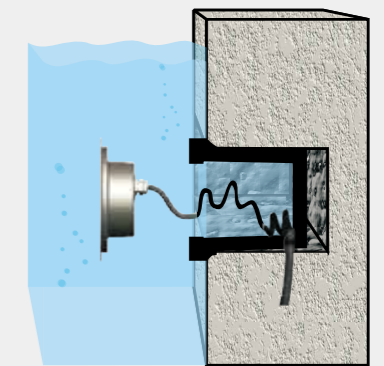
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B4ZB1257	12×2W Single color	B32	30°	24V DC	1200	28.8	Cool White = 1361 Warm White = 1156	08

PHOTOMETRIC CURVES



Built-in Radiator



- Water must be allowed to go inside and outside sleeve freely without leaking to the other side.
- Warning : Must be installed under the water to prevent the light from being burnt off because of over-heating.



Overheat Sensor Inside



LED COLOUR TEMPERATURE

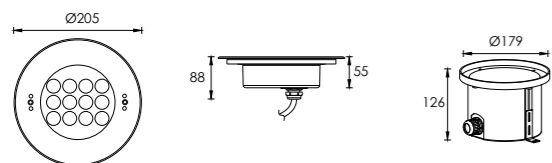
2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



Mounting Sleeve 060#

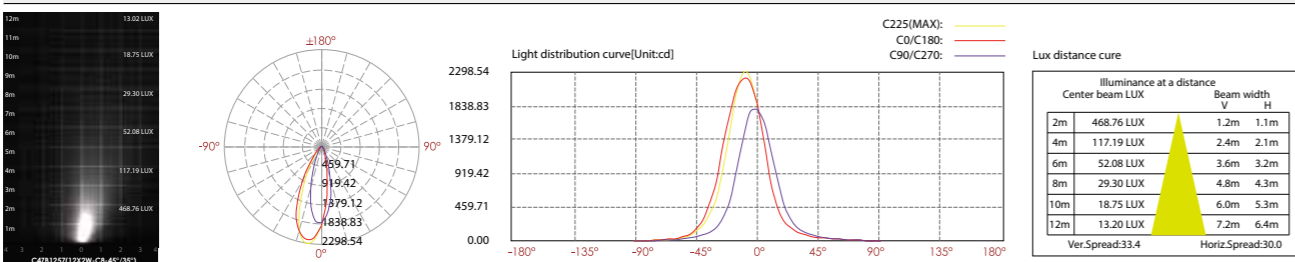
MATERIAL SPECIFICATIONS

- FRONT COVER & HOUSING** | Molding shaped hard chromeplated stainless steel SUS 316#
- LIGHT WINDOW** | Step tempered glass.T=10mm
- GASKET** | Silicone Gasket
- PCB** | Excellent heat conductivity aluminum.coefficient of heatConductivity≥2.0w/mk
- CABLE GLAND** | IP68 PG-11 copper with nickel-coated
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- POWER CABLE** | H07RN-F 2X1.0mm2 L=3.0m
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth
- BUILT-IN OVERHEAT SENSOR SYSTEM** | Automatic Shutdown at 75°C
- MOUNTING SLEEVE** | ABS 060#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

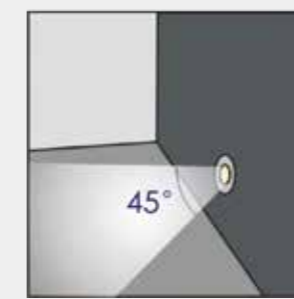
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
C4ZB1257	12×2W Single color	C8	45° 35°	24V DC	1200	28.8	Cool White = 1569 Warm White = 1236	08

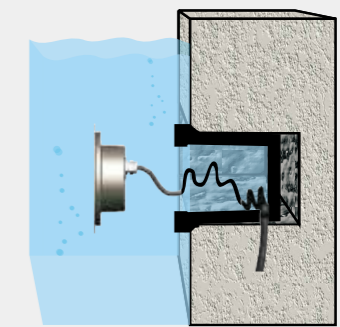
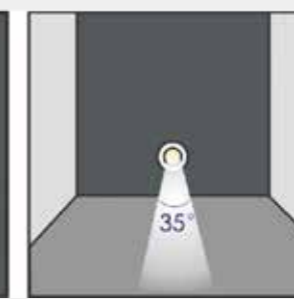
PHOTOMETRIC CURVES



Built-in Radiator



Impression drawing of C4A0158



•Water must be allowed to go inside and outside sleeve freely without leaking to the other side.
•Warning : Must be installed under the water to prevent the light from being burnt off because of over-heating.



Overheat Sensor Inside

OPTICS



LED COLOUR TEMPERATURE

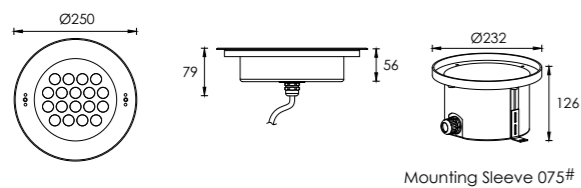
2000K · 3000K · 6000K

MATERIAL SPECIFICATIONS

- FRONT COVER & HOUSING** | Molding shaped hard chromeplated stainless steel SUS 316L#
- LIGHT WINDOW** | Step tempered glass.T=10mm
- GASKET** | Silicone Gasket
- LENS** | Optical lens,efficiency≥85%
- GLASS PRESSURE CAPACITY** | Excellent heat conductivity aluminum coefficient of heatConductivity≥2.0w/mk
- PCB** | Excellent heat conductivity aluminum.coefficient of heat Conductivity≥2.0w/mk
- CABLE GLAND** | IP68 PG-11 copper with nickel-coated
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- POWER CABLE** | H07RN-F 2X1.0mm2 L=3.0m
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth
- BUILT-IN OVERHEAT SENSOR SYSTEM** | Automatic Shutdown at 75°C
- MOUNTING SLEEVE** | ABS 075#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

OUTER DIMENSIONS & ACCESSORIES

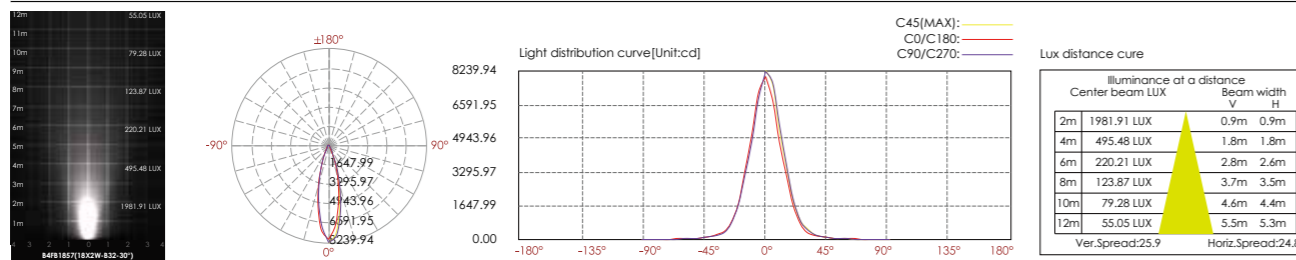
Unit:mm



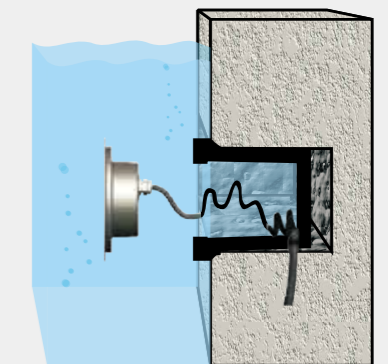
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B4FB1857	18×2W	B32	30°	24V DC	1900	45.6	Cool White = 2221 Warm White = 1828	10

PHOTOMETRIC CURVES



Built-in Radiator



- Water must be allowed to go inside and outside sleeve freely without leaking to the other side.
- Warning : Must be installed under the water to prevent the light from being burnt off because of over-heating.



Overheat Sensor Inside

LED COLOUR TEMPERATURE

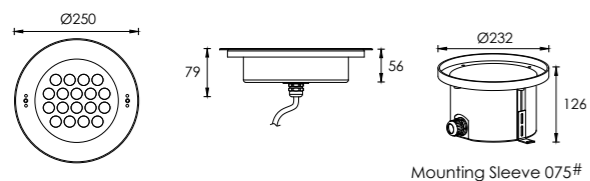
2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



Mounting Sleeve 075#

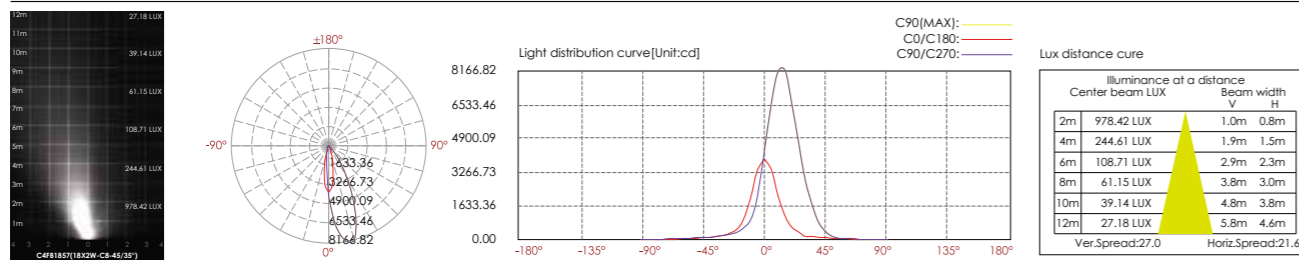
MATERIAL SPECIFICATIONS

- FRONT COVER & HOUSING** | Molding shaped hard chromeplated stainless steel SUS 316L#
- LIGHT WINDOW** | 1 Step tempered glass,T=10mm
- GASKET** | Silicone Gasket
- LENS** | Optical lens,efficiency≥85%
- GLASS PRESSURE CAPACITY** | Excellent heat conductivity aluminum,coefficient of heatConductivity≥2.0w/mk
- PCB** | Excellent heat conductivity aluminum,coefficient of heat Conductivity≥2.0w/mk
- CABLE GLAND** | IP68 PG-11 copper with nickel-coated
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- POWER CABLE** | H07RN-F 2X1.0mm2 L=3.0m
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth.
- BUILT-IN OVERHEAT SENSOR SYSTEM** | Automatic Shutdown at 75°C
- MOUNTING SLEEVE** | ABS 075#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

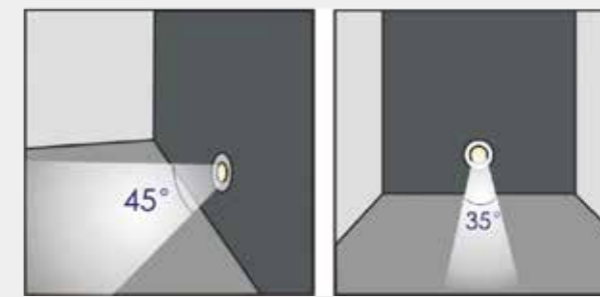
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
C4FB1857	18×2W Single color	C8	45° 35°	24V DC	1900	45.6	Cool White = 2532 Warm White = 2114

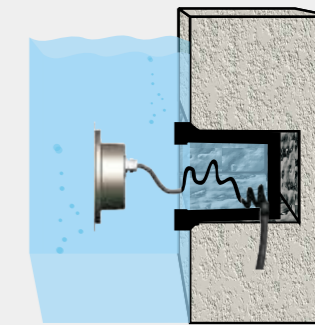
PHOTOMETRIC CURVES



Built-in Radiator



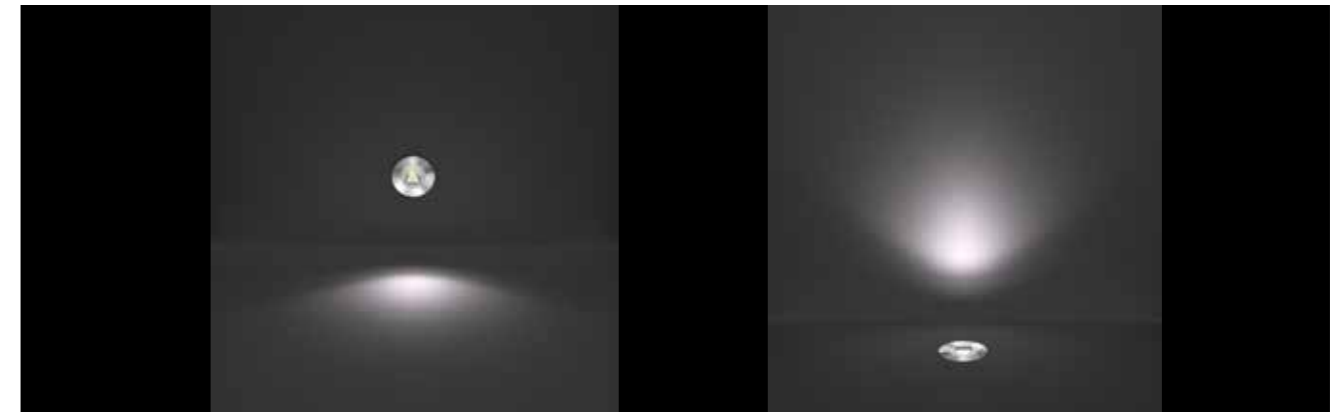
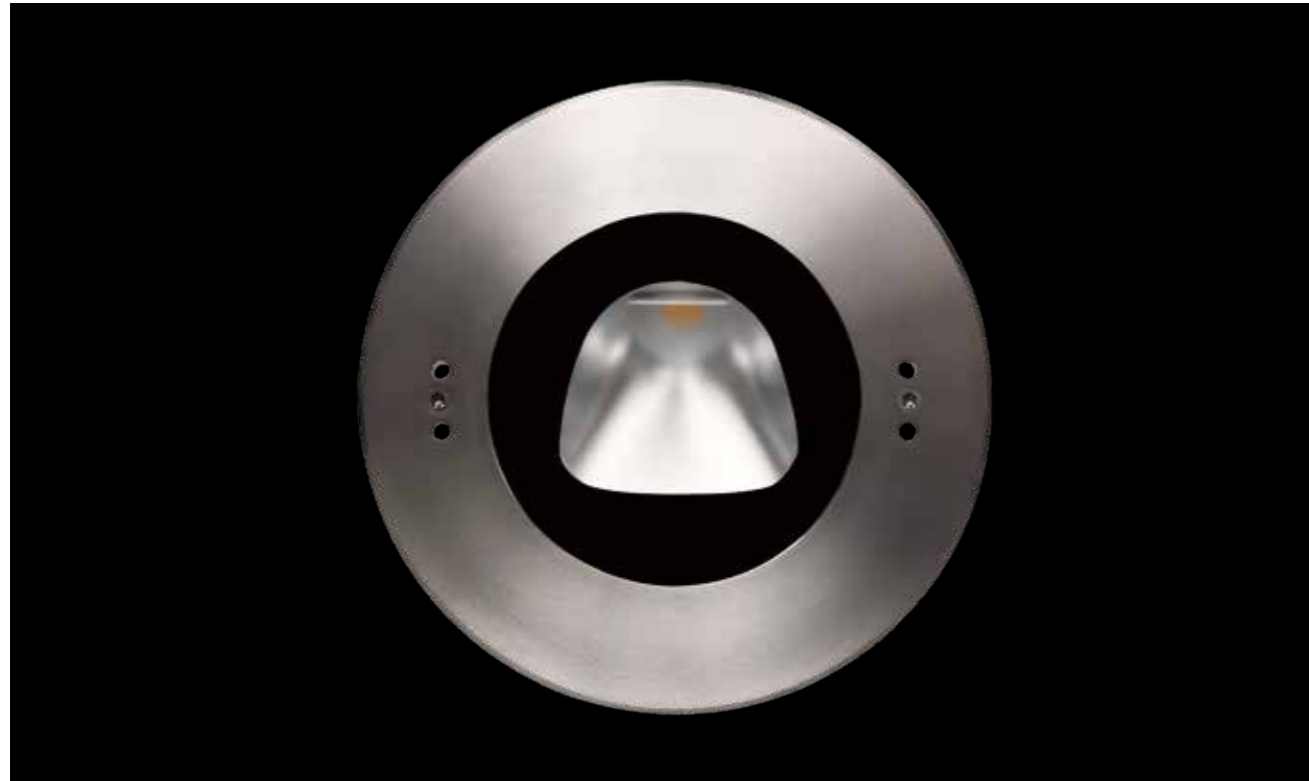
Impression drawing of C4A0158



•Water must be allowed to go inside and outside sleeve freely without leaking to the other side.
•Warning : Must be installed under the water to prevent the light from being burnt off because of over-heating.

Asymmetrical Wall Recessed LED Pool Light

Housing and accessories are made of Stainless Steel SUS 316L#



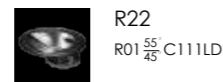
Above diagram effect shows a real simulation based on IES result and optical testing basis



LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS



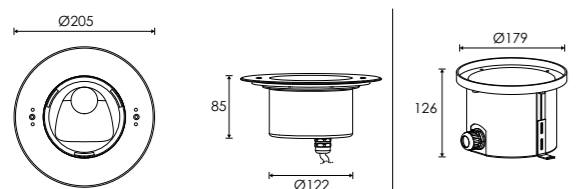
R22
R01⁵⁵/₄₅ C111LD

R22

49°
46°

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



ABS 060# Mounting sleeve

MATERIAL SPECIFICATIONS

Front cover & Housing	Hard chromeplated molding shaped stainless steel SUS 316L
Light Window	Step tempered glass.T=10mm
Gasket	Silicone gasket
Reflector	Optical Reflector efficiency≥90%
LED	COB LED
LED Driver	Constant Voltage Input,Constant Current Output
Power Cable	H07RN-F 2X1.0mm ² L=3.0m(for single color)
Application environment	Temperature of water between -20°C~40°C less than 1 meter depth.
Cable gland	PG-11 copper with nickel-coated
Mounting sleeve	ABS 060#

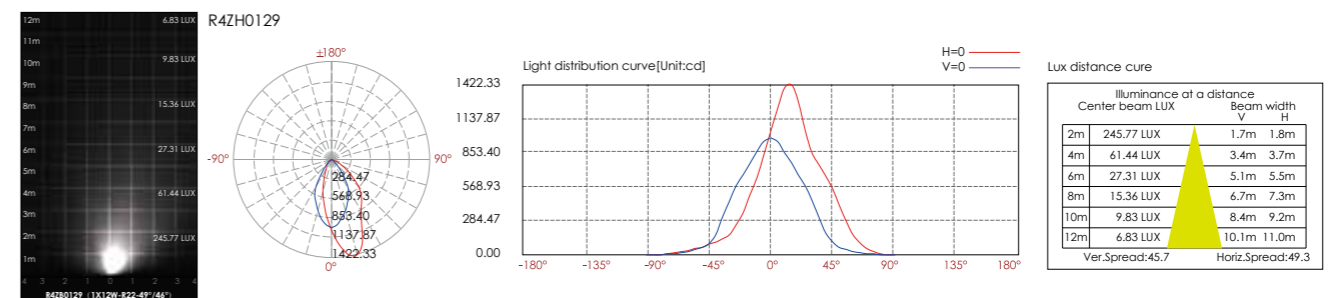
IP68 Water Proof Connector Box



TECHNICAL DATA

Item	Light source	Lens	The manufacturer selected lens degree(°)θ1/2	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
R4ZH0129	1x12W	R22	49° 46°	24V DC	520	12.5	1194	08

PHOTOMETRIC CURVES



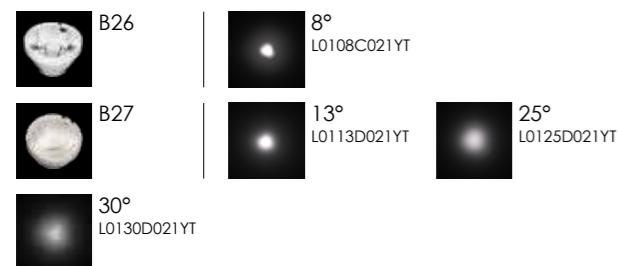


Overheat Sensor Inside

LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

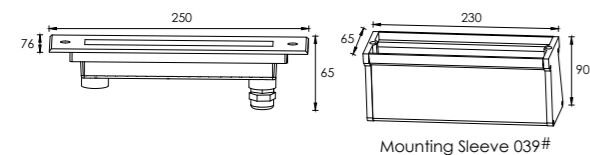
OPTICS



MATERIAL SPECIFICATIONS

- FRONT COVER & HOUSING** | Hard chrome plated molding shaped stainless steel SUS 316#
- FRONT PLATE** | Hard chrome plated stainless steel SUS 316L#
- LIGHT WINDOW** | Step tempered glass, T=9mm
- GASKET** | Silicone Gasket
- LENS** | Optical lens, efficiency ≥ 85%
- PCB** | Excellent heat conductivity aluminum, coefficient of heat Conductivity ≥ 2.0w/mk
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- POWER CABLE** | H07RN-F 2X1.0mm² L=3.0m
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth.
- CABLE GLAND** | IP68 PG-11 copper with nickel-coated
- BUILT-IN OVERHEAT SENSOR SYSTEM** | Automatic Shutdown at 75°C
- MOUNTING SLEEVE** | ABS 039#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

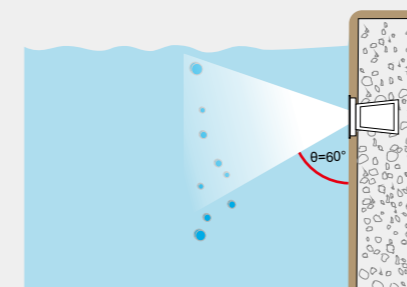
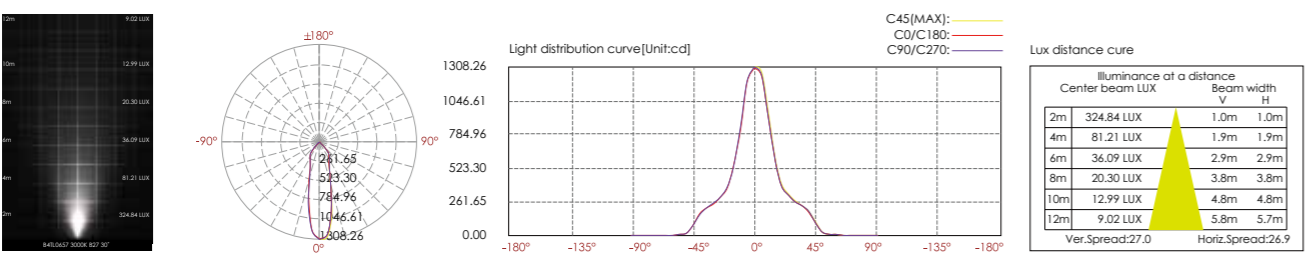
OUTER DIMENSIONS & ACCESSORIES Unit:mm



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°) Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B4TL0657	6×2W	B27	30°	24V DC	500	12	Cool White = 808 Warm White = 688	08

PHOTOMETRIC CURVES



- Water must be allowed to go inside and outside sleeve freely without leaking to the other side.
- **Warning** : Must be installed under the water to prevent the light from being burnt off because of over-heating.



Overheat Sensor Inside

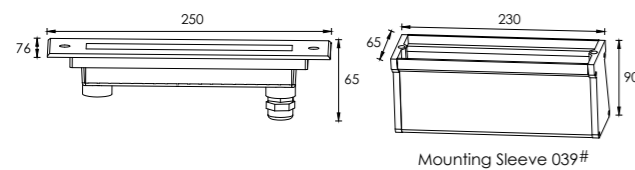
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES Unit:mm



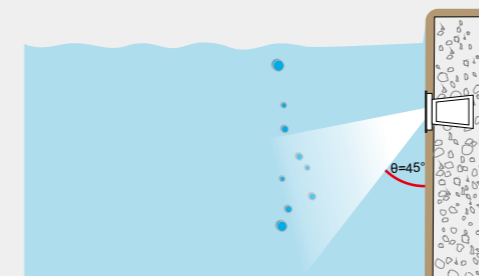
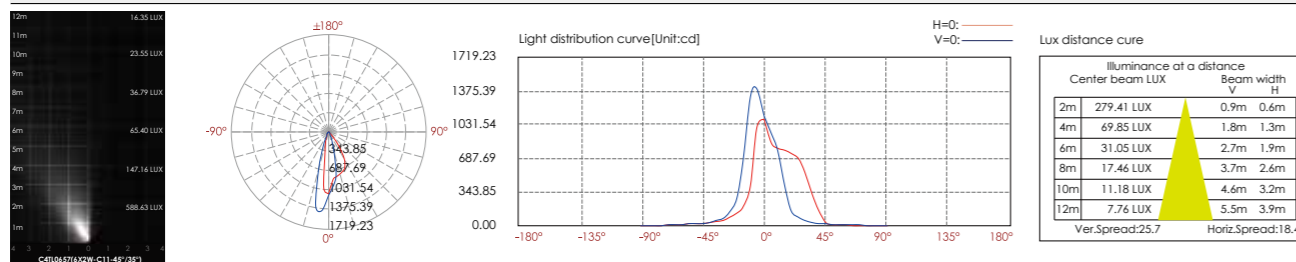
MATERIAL SPECIFICATIONS

- FRONT COVER & HOUSING** | Hard chromeplated molding shaped stainless steel SUS 316#
- FRONT PLATE** | Hard chromeplated stainless steel SUS 316L#
- LIGHT WINDOW** | Step tempered glass,T=9mm
- GASKET** | Silicone Gasket
- LENS** | Asymmetrical optical lens,efficiency≥85%
- PCB** | Excellent heat conductivity aluminum,coefficient of heat Conductivity≥2.0w/mk
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- POWER CABLE** | H07RN-F 2X1.0mm2 L=3.0m
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth
- BUILT-IN OVERHEAT SENSOR SYSTEM** | Automatic Shutdown at 75°C
- CABLE GLAND** | IP68 PG-11 copper with nickel-coated
- MOUNTING SLEEVE** | ABS 039#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
C4TL0657	6×2W	C11	45°/35°	24V DC	500	12	Cool White = 757 Warm White = 656	08

PHOTOMETRIC CURVES



•Water must be allowed to go inside and outside sleeve freely without leaking to the other side.
•Warning : Must be installed under the water to prevent the light from being burnt off because of over-heating.

Symmetrical Wall Recessed LED Pool Light

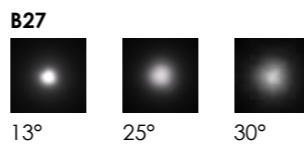
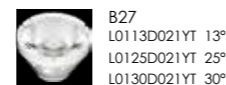
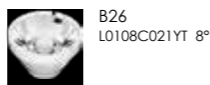
Housing and accessories are completely Hard chromeplated Stainless Steel SUS 316L #



LED COLOUR TEMPERATURE

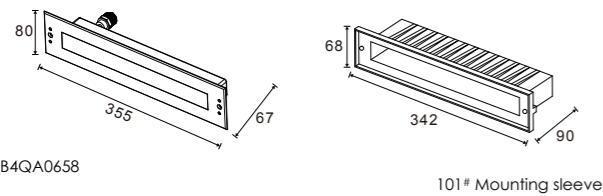
2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



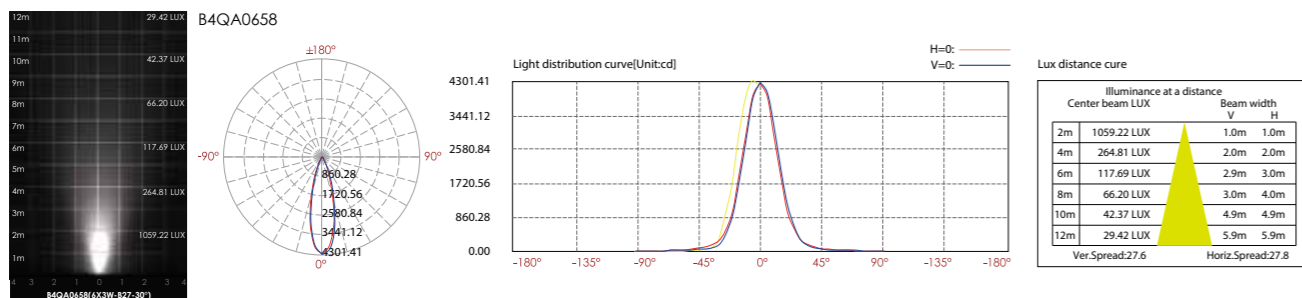
MATERIAL SPECIFICATIONS

Front cover & Housing	Hard chromeplated molding shaped stainless steel sus 316L#
Light Windw	PC
Gasket	Silicone gasket
Lens	Optical lens. efficiency≥85%
PCB	Excellent heat conductivity aluminum.coefficient of heat Conductivity≥2.0w/mk
LED Driver	Constant Voltage Input,Constant Current Output
Power Cable	H05RN-F 2X1.0mm ² L=3.0m(for single color)
Application environment	Temperature of water between -20°C~40°C less than 1 meter depth.
Cable gland	IP68 PG-9 copper with nickel-coated
Mounting sleeve	ABS 101#
Dimmable Support	Triac PWM 1-10V Dali

TECHNICAL DATA

Item	Light source	Lens	The manufacturer selected lens degree(°)θ1/2	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
B4QA0658	6×3W NICHIA	B27	30°	24V DC	950	22.8	Cool white =1578 Warm white =1324	10

PHOTOMETRIC CURVES



Asymmetrical Wall Recessed LED Pool Light

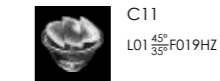
Housing and accessories are completely Hard chromeplated Stainless Steel SUS 316L #



LED COLOUR TEMPERATURE

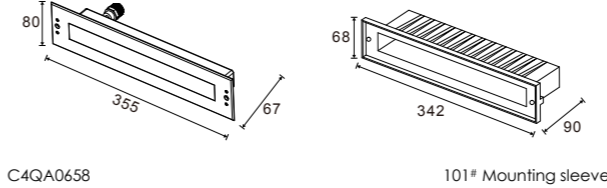
2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



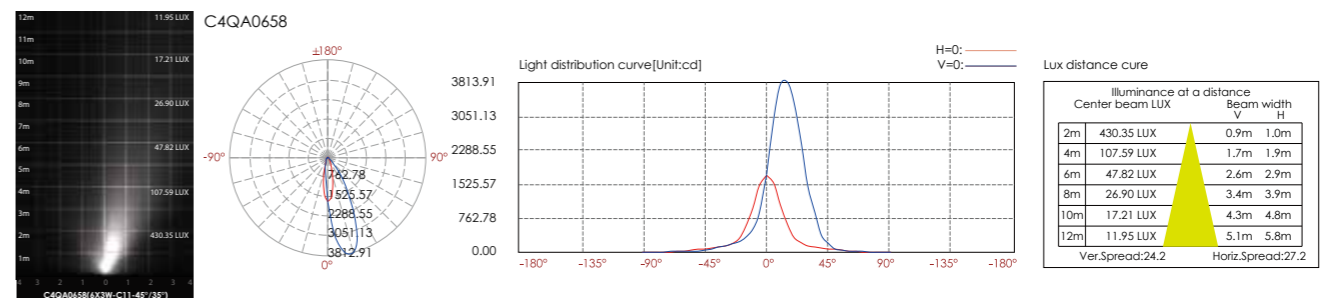
MATERIAL SPECIFICATIONS

Front cover & Housing	Hard chromeplated molding shaped stainless steel sus 316L#
Light Windw	PC
Gasket	Silicone gasket
Lens	Optical lens. efficiency≥85%
PCB	Excellent heat conductivity aluminum.coefficient of heat Conductivity≥2.0w/mk
LED Driver	Constant Voltage Input,Constant Current Output
Power Cable	H05RN-F 2X1.0mm ² L=3.0m(for single color)
Application environment	Temperature of water between -20°C~40°C less than 1 meter depth.
Cable gland	IP68 PG-9 copper with nickel-coated
Mounting sleeve	ABS 101#
Dimmable Support	Triac PWM 1-10V Dali

TECHNICAL DATA

Item	Light source	Lens	The manufacturer selected lens degree(°)θ1/2	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
C4QA0658	6×3W NICHIA	C11	45°/35°	24V DC	950	22.8	Cool white =1280 Warm white =1102	

PHOTOMETRIC CURVES





Overheat Sensor Inside  27KG

OPTICS



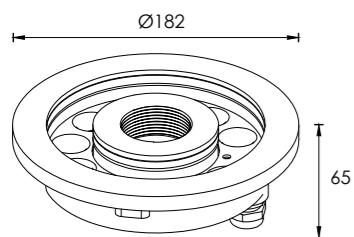
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

MATERIAL SPECIFICATIONS

- HOUSING** | Hard chromeplated molding shaped stainless steel SUS 316#
- LIGHT WINDOW** | Step tempered glass.T=10mm
- GASKET** | Silicone gasket
- CABLE GLAND** | IP68 PG-11 copper with nickel-coated
- PCB** | Excellent heat conductivity aluminum.coefficient of heat Conductivity≥2.0w/mk
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- POWER CABLE** | H07RN-F 2X1.0mm2 L=3.0m
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth
- BUILT-IN OVERHEAT SENSOR SYSTEM** | Automatic Shutdown at 75°C
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

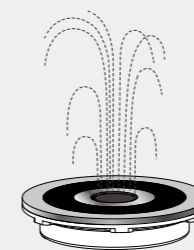
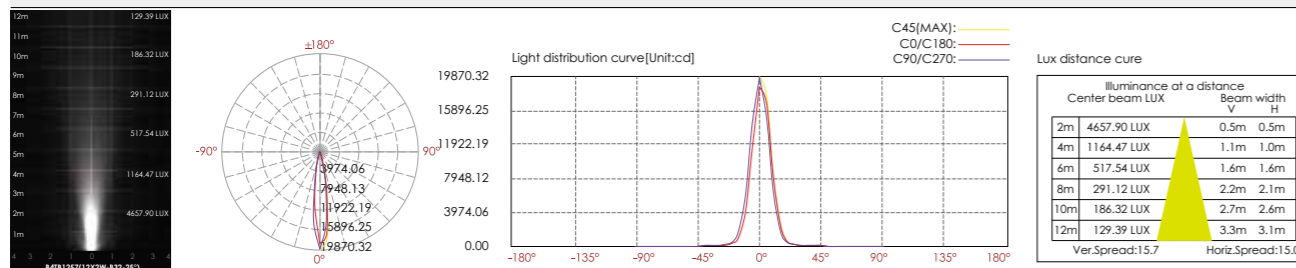
OUTER DIMENSIONS & ACCESSORIES Unit:mm



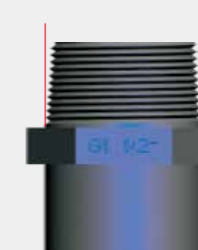
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B4TB1257	12×2W	B32	25°	24V DC	1200	28.8	Cool White = 2067 Warm White = 1610	09

PHOTOMETRIC CURVES



Central Ejector



Water jet pipe G11/2" taper

• **Warning** : Must be installed under the water to prevent the light from being burnt off because of over-heating.



Overheat Sensor Inside 

OPTICS



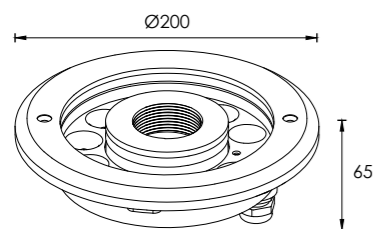
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

MATERIAL SPECIFICATIONS

- HOUSING** | Hard chrome plated molding shaped stainless steel SUS 316#
- LIGHT WINDOW** | Step tempered glass.T=10mm
- GASKET** | Silicone gasket
- CABLE GLAND** | IP68 PG-11 copper with nickel-coated
- PCB** | Excellent heat conductivity aluminum.coefficient of heat Conductivity≥2.0w/mk
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- POWER CABLE** | H07RN-F 2X1.0mm2 L=3.0m
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth
- BUILT-IN OVERHEAT SENSOR SYSTEM** | Automatic Shutdown at 75°C
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

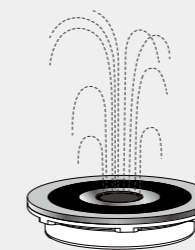
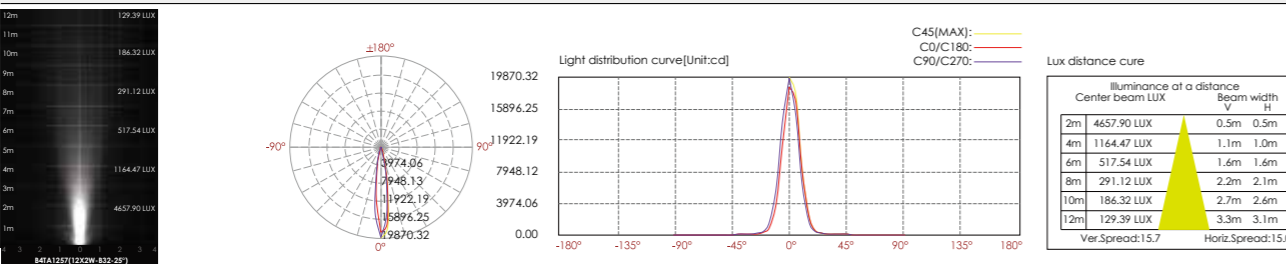
OUTER DIMENSIONS & ACCESSORIES Unit:mm



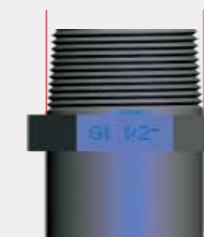
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B4TA1257	12×2W	B32	25°	24V DC	1200	28.8	Cool White = 2067 Warm White = 1610	09

PHOTOMETRIC CURVES



Central Ejector



Water jet pipe G1/2" taper

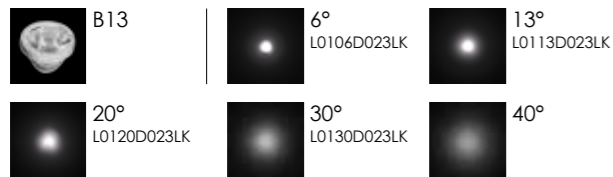


Warning : Must be installed under the water to prevent the light from being burnt off because of over-heating.



Overheat Sensor Inside 

OPTICS



LED COLOUR TEMPERATURE

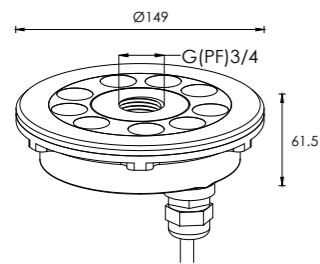
2000K · 3000K · 6000K

MATERIAL SPECIFICATIONS

HOUSING	Hard chromeplated molding shaped stainless steel SUS 316#
FRONT COVER	Hard chromeplated stainless steel SUS 316L#
LIGHT WINDOW	Step tempered glass.T=8mm
GASKET	Silicone gasket
CABLE GLAND	IP68 PG-11 copper with nickel-coated
PCB	Excellent heat conductivity aluminum.coefficient of heat Conductivity≥2.0w/mk
LED DRIVER	Constant Voltage Input,Constant Current Output
POWER CABLE	H07RN-F 2X1.0mm ² L=3.0m
APPLICATION ENVIRONMENT	Temperature of water between -20°C~40°C less than 1 meter depth
BUILT-IN OVERHEAT SENSOR SYSTEM	Automatic Shutdown at 75°C
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

OUTER DIMENSIONS & ACCESSORIES

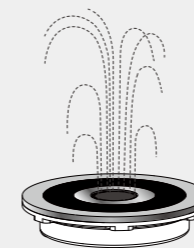
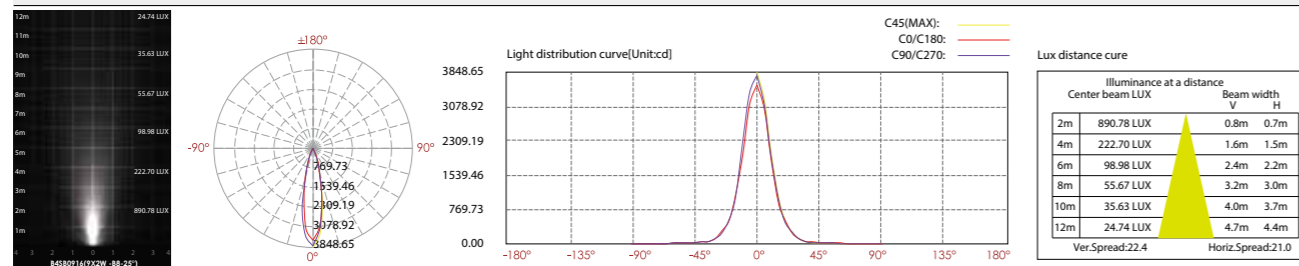
Unit:mm



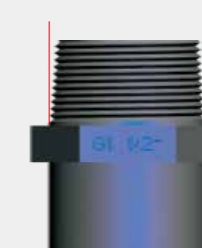
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B4SB0957	9×1.5W	B13	20°	12V DC	1291	15.5	Cool White = 1317 Warm White = 1054	09

PHOTOMETRIC CURVES



Central Ejective

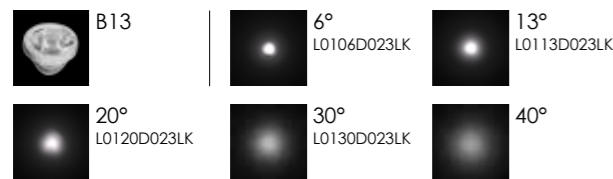


Water jet pipe G(PF)3/4 taper

Warning : Must be installed under the water to prevent the light from being burnt off because of over-heating.



OPTICS



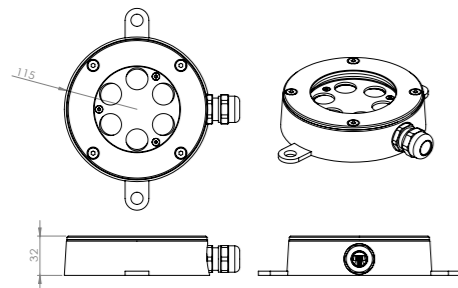
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

MATERIAL SPECIFICATIONS

- HOUSING** | Hard chromeplated molding shaped stainless steel SUS 316#
- FRONT COVER** | Hard chromeplated stainless steel SUS 316L#
- LIGHT WINDOW** | Step tempered glass.T=8mm
- WATERPROOF SEAL** | Silicone Gasket
- LENS** | Separate optical lens efficiency≥85%
- CABLE GLAND** | IP68 PG-11 copper with nickel-coated
- PCB** | Excellent heat conductivity aluminum.coefficient of heat Conductivity≥2.0w/mk
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- POWER CABLE** | H07RN-F 2X1.0mm² L=3.0m
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth.
- BUILT-IN OVERHEAT SENSOR SYSTEM** | Automatic Shutdown at 75°C
- DIMMABLE SUPPORT** | Triac PWM 1-10V DALI

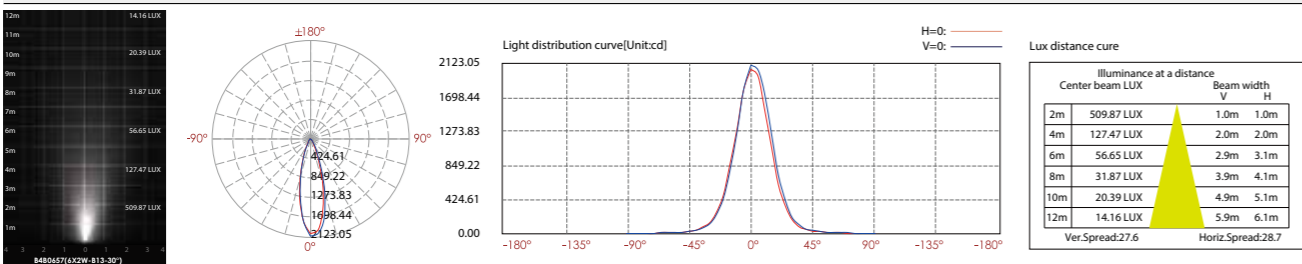
OUTER DIMENSIONS & ACCESSORIES Unit:mm



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B4B0657	6×2W Single color	B13	30°	24V DC	500	12	Cool White = 802 Warm White = 687	08

PHOTOMETRIC CURVES



Warning : Must be installed under the water to prevent the light from being burnt off because of over-heating.

Efficient heat-sink IP-68 cable gland



Overheat Sensor Inside 

OPTICS



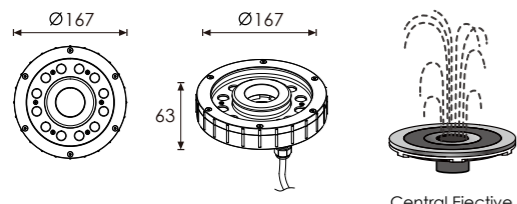
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

MATERIAL SPECIFICATIONS

- FRONT COVER & HOUSING** | Made by High thermal Nylon
- GASKET** | Silicone Gasket
- LIGHT WINDOW** | Step tempered glass, T=8mm
- LENS** | Optical lens, efficiency≥85%
- CABLE GLAND** | IP68 PG-11 PA66
- PCB** | Excellent heat conductivity aluminum, coefficient of heat conductivity≥2.0w/mk
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth.
- BUILT-IN OVERHEAT SENSOR SYSTEM** | Automatic Shutdown at 75°C
- POWER CABLE** | H05RN-F 2X1.0mm L=3m
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

OUTER DIMENSIONS & ACCESSORIES Unit:mm



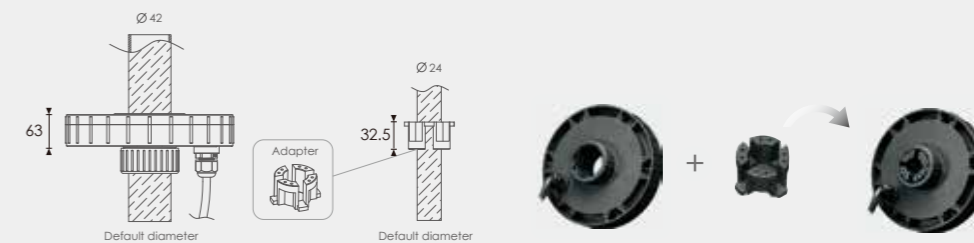
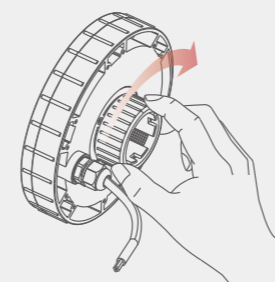
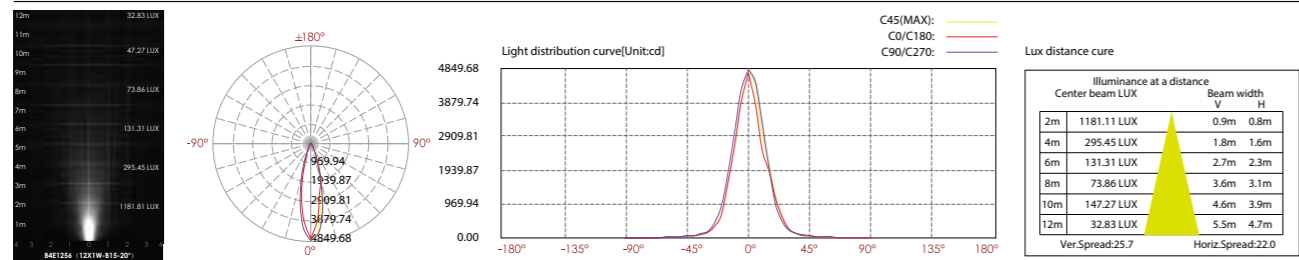
Central Ejective

•Warning : Must be installed under the water to prevent the light from burning up because of over-heating.

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B4E1256	12×1W	B15	20°	24V DC	580	14	Cool White = 1390 Warm White = 1226	07

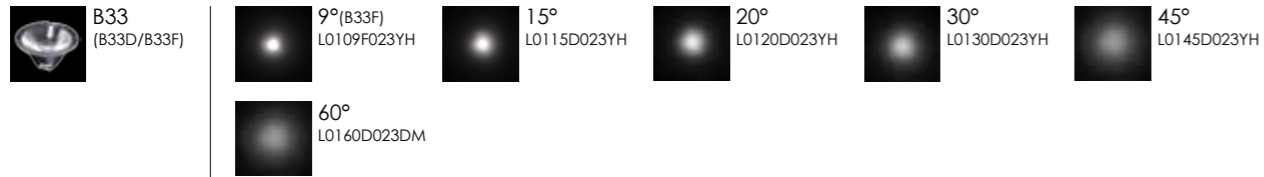
PHOTOMETRIC CURVES



The converter of Sprinkler pipe diameter



OPTICS

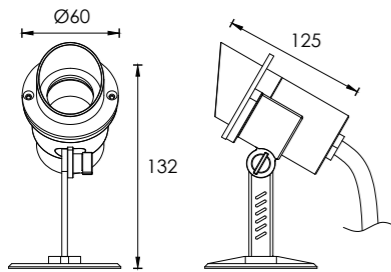


LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm

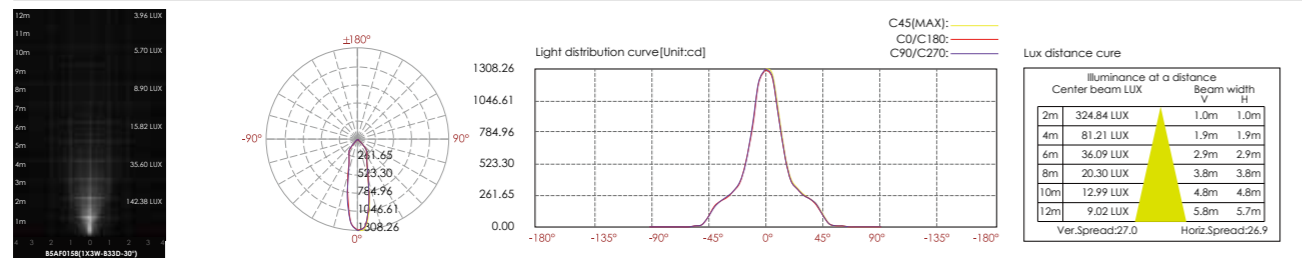


•Warning : Must be installed under the water to prevent the light from burning up because of over-heating.

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B5AF0158	1×3W	B33D	30°	24V DC	110	2.6	Cool White = 174 Warm White = 139	06

PHOTOMETRIC CURVES

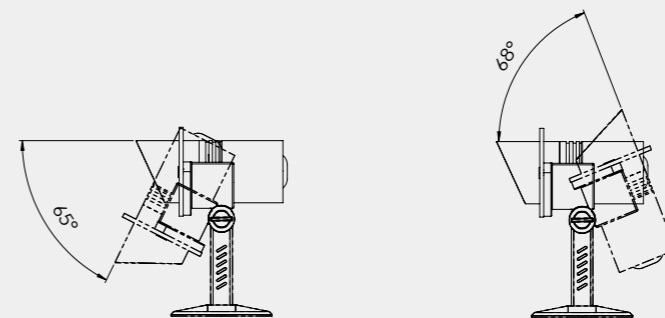


MATERIAL SPECIFICATIONS

- HOUSING** | Hard chromeplated Molding shaped stainless steel SUS 316L#
- FRONT COVER** | Hard chromeplated Stainless steel SUS 316L#
- LIGHT WINDOW** | Step tempered glass,T=7mm
- WATERPROOF SEAL** | EPDM gasket
- LENS** | Separate optical lens efficiency≥85%
- CABLE GLAND** | IP68 M1 6a copper with nickel-coated
- PCB** | Excellent heat conductivity aluminum.coefficient of heat Conductivity≥2.0w/mk
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- POWER CABLE** | H07RN-F 2X1.0mm2 L=3.0m
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali



ADJUSTABLE BEAM DIRECTION



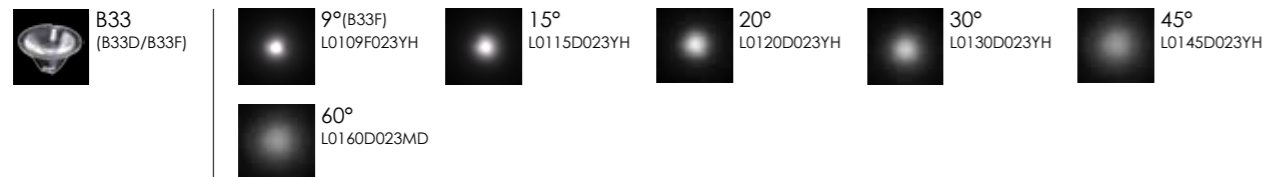


Overheat Sensor Inside



Overheat Sensor Inside

OPTICS

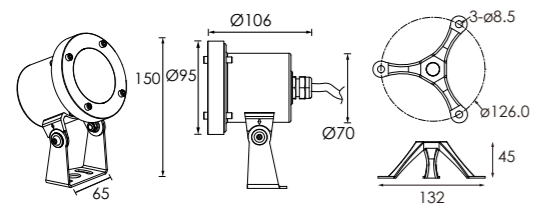


LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



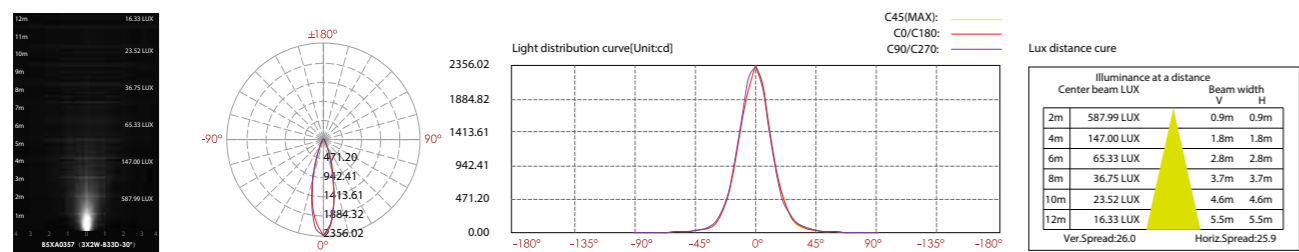
5001 Tripod-Optional Accessory

•Warning : Must be installed under the water to prevent the light from burning up because of over-heating.

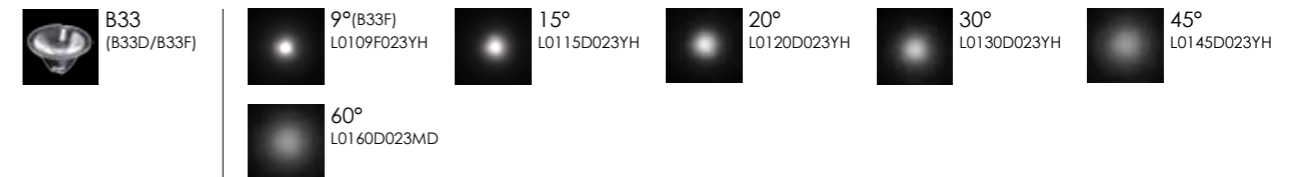
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B5XA0357	3×2W	B33D	30°	24V DC	320	7.7	Cool White = 760 Warm White = 674	08

PHOTOMETRIC CURVES



OPTICS

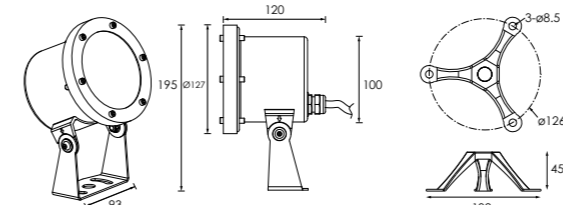


LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



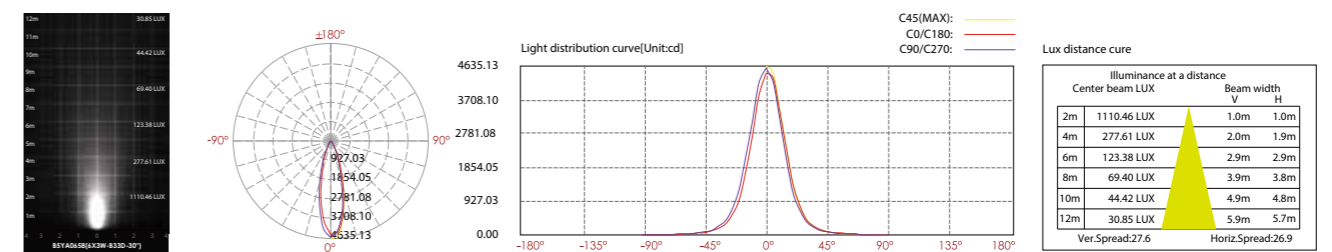
5001 Tripod-Optional Accessory

•Warning : Must be installed under the water to prevent the light from burning up because of over-heating.

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B5YA0658	6×3W	B33D	30°	24V DC	900	21.5	Cool White = 1700 Warm White = 1503	08

PHOTOMETRIC CURVES



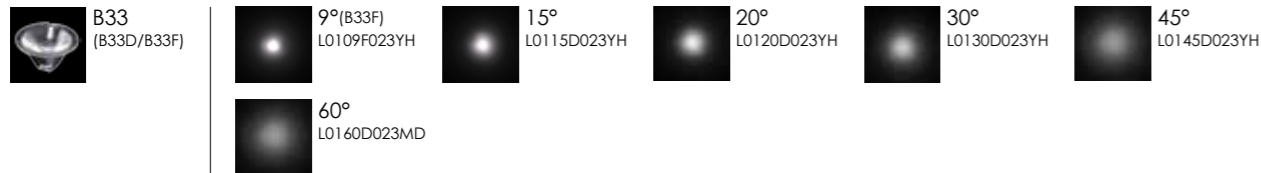


Overheat Sensor Inside



Overheat Sensor Inside

OPTICS

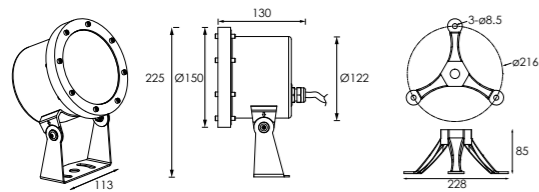


LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



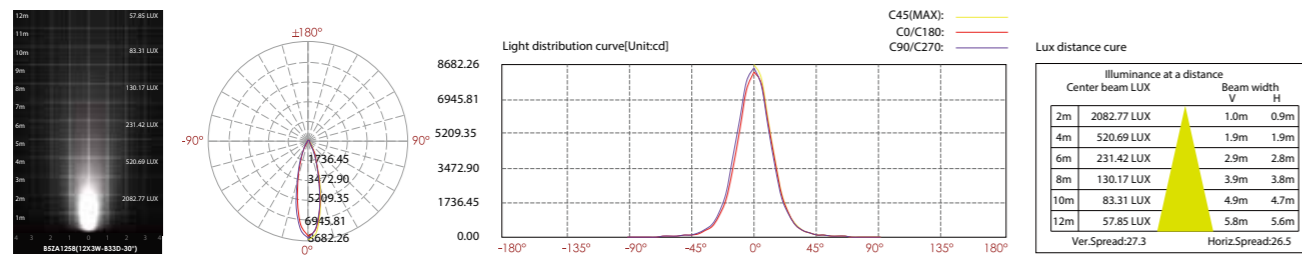
5003
Tripod-Optional Accessory

•Warning : Must be installed under the water to prevent the light from burning up because of over-heating.

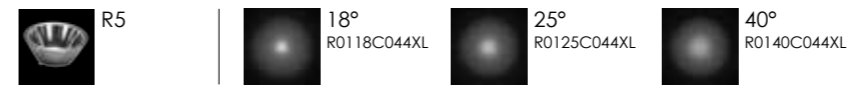
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B5ZA1258	12×3W	B33D	30°	24V DC	1600	38.4	Cool White = 3031 Warm White = 2668	08

PHOTOMETRIC CURVES



OPTICS

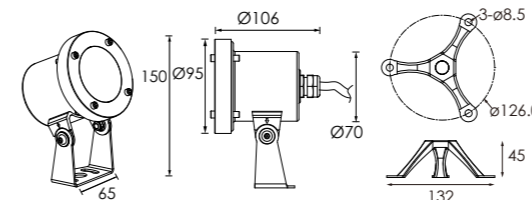


LED COLOUR TEMPERATURE

3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



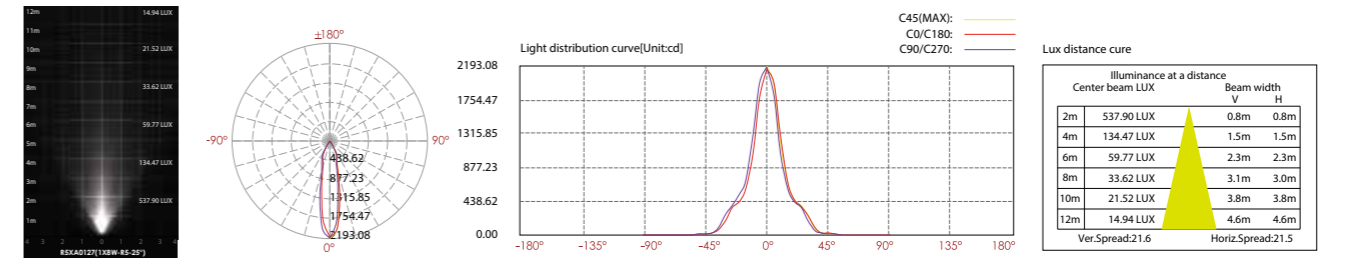
5001
Tripod-Optional Accessory

•Warning : Must be installed under the water to prevent the light from burning up because of over-heating.

TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R5XA0127	1×8W	R5	25°	24V DC	340	8.1	Cool White = 674 Warm White = 625	08

PHOTOMETRIC CURVES



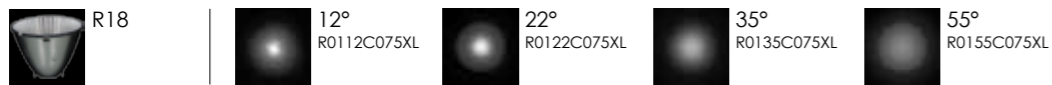


Overheat Sensor Inside



Overheat Sensor Inside

OPTICS

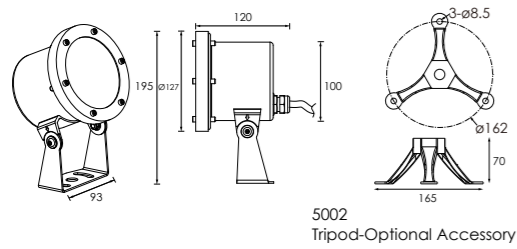


LED COLOUR TEMPERATURE

3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



•Warning : Must be installed under the water to prevent the light from burning up because of over-heating.

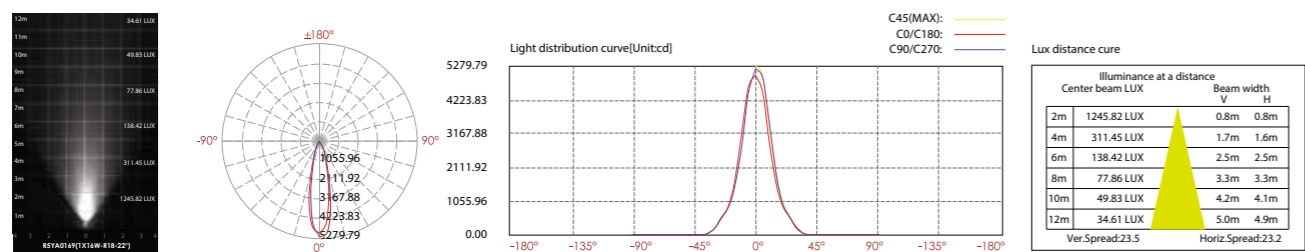
MATERIAL SPECIFICATIONS

FRONT COVER & HOUSING	Hard chromeplated molding shaped stainless steel sus.316L#
LIGHT WINDOW	PMMA 8mm
GASKET	Silicone gasket
LED	Nichia
REFLECTOR	Optical Reflector,efficiency≥85%
CABLE GLAND	IP68 PG-11 copper with nickel-coated
PCB	Excellent heat conductivity aluminum,coefficient of heatConductivity≥2.0w/mk
LED DRIVER	Constant Voltage Input,Constant Current Output
POWER CABLE	H07RN-F 2X1.0mm ² L=3.0m
BUILT-IN OVERHEAT SENSOR SYSTEM	Automatic Shutdown at 75°C
APPLICATION ENVIRONMENT	Temperature of water between -20°C~40°C less than 1 meter depth

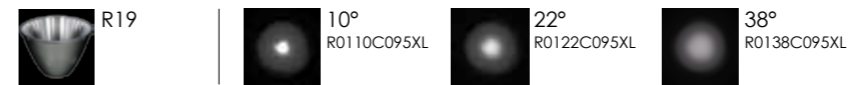
TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R5YA0169	1×16W	R18	22°	24V DC	700	17	Cool White = 1344 Warm White = 1183	08

PHOTOMETRIC CURVES



OPTICS

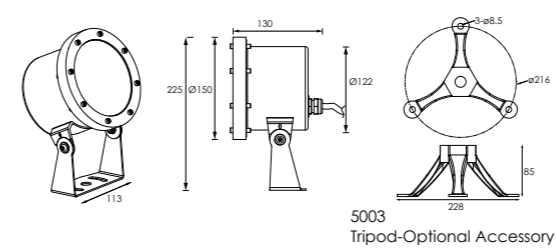


LED COLOUR TEMPERATURE

3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



•Warning : Must be installed under the water to prevent the light from burning up because of over-heating.

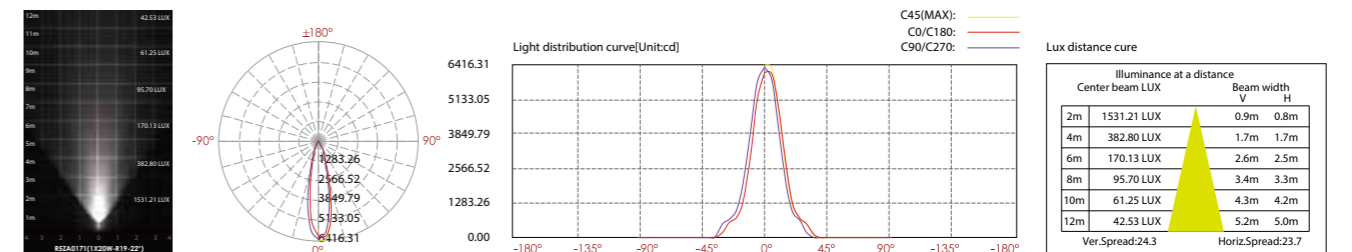
MATERIAL SPECIFICATIONS

FRONT COVER & HOUSING	Hard chromeplated molding shaped stainless steel sus.316L#
LIGHT WINDOW	PMMA 8mm
GASKET	Silicone gasket
LED	Nichia
REFLECTOR	Optical Reflector,efficiency≥85%
CABLE GLAND	IP68 PG-11 copper with nickel-coated
PCB	Excellent heat conductivity aluminum,coefficient of heatConductivity≥2.0w/mk
LED DRIVER	Constant Voltage Input,Constant Current Output
POWER CABLE	H07RN-F 2X1.0mm ² L=3.0m
BUILT-IN OVERHEAT SENSOR SYSTEM	Automatic Shutdown at 75°C
APPLICATION ENVIRONMENT	Temperature of water between -20°C~40°C less than 1 meter depth

TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R5ZA0171	1×20W	R19	22°	24V DC	860	20.5	Cool White = 1679 Warm White = 1478	10

PHOTOMETRIC CURVES





Overheat Sensor Inside

OPTICS



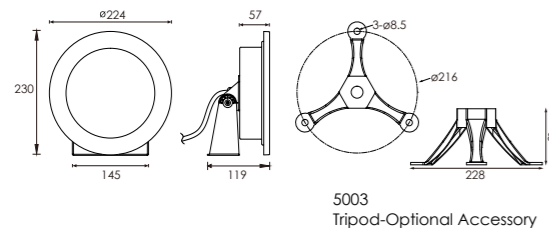
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

MATERIAL SPECIFICATIONS

- FRONT COVER & HOUSING** | Hard chrome plated molding shaped stainless steel SUS 316L#
- LIGHT WINDOW** | Step tempered glass, T=10mm
- GASKET** | EPDM gasket
- LENS** | Optical lens, efficiency ≥ 85%
- CABLE GLAND** | IP68 PG-11 copper with nickel-coated
- PCB** | Excellent heat conductivity aluminum, coefficient of heat conductivity ≥ 2.0w/mk
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- POWER CABLE** | H07RN-F 2X1.0mm² L=3.0m
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth
- BUILT-IN OVERHEAT SENSOR SYSTEM** | Automatic Shutdown at 75°C
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

OUTER DIMENSIONS & ACCESSORIES Unit:mm

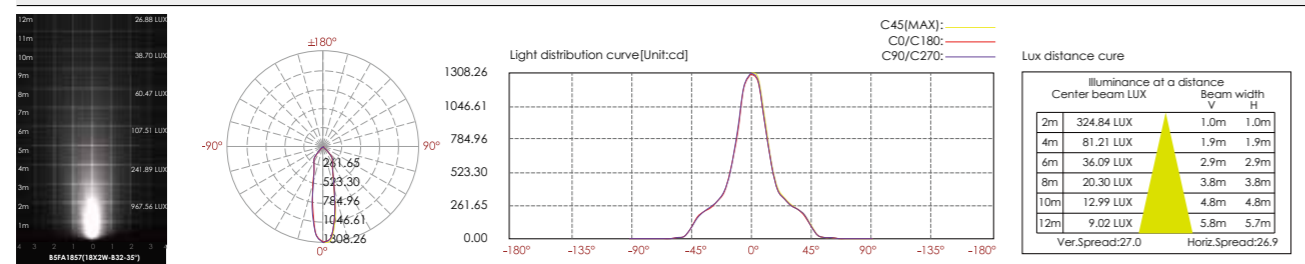


•Warning : Must be installed under the water to prevent the light from burning up because of over-heating.

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B5FA1857	18×2W	B32	35°	24V DC	1900	45.6	Cool White = 2221 Warm White = 1828	10

PHOTOMETRIC CURVES



Tripod-Optional Accessory



Bracket



Back View



Overheat Sensor Inside

OPTICS

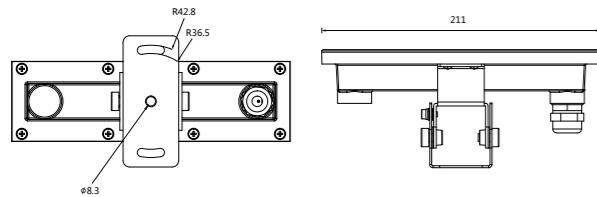


LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



•Warning : Must be installed under the water to prevent the light from burning up because of over-heating.

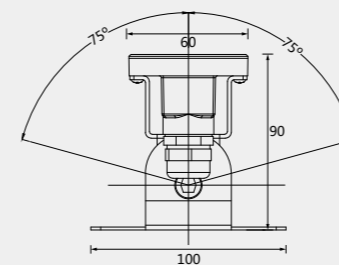
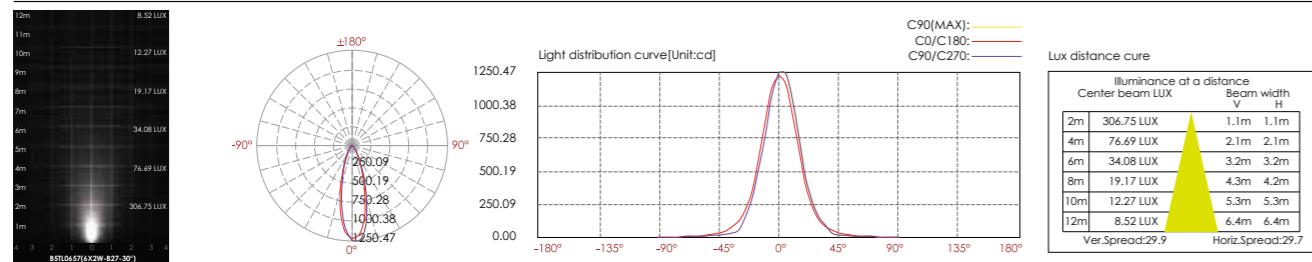
MATERIAL SPECIFICATIONS

- HOUSING** | Hard chromeplated molding shaped stainless steel SUS 316L#
- FRONT COVER** | Hard chromeplated stainless steel SUS 316L#
- LIGHT WINDOW** | Step tempered glass.T=5mm
- LENS** | Separate optical lens efficiency≥85%
- BRACKET** | Hard chromeplated molding shaped stainless steel SUS 316#
- LED** | OSRAM or NICHIA
- CABLE GLAND** | IP68 PG-11 copper with nickel-coated
- PCB** | Excellent heat conductivity aluminum.coefficient of heat Conductivity≥2.0w/mk
- SEAL** | Molding shaped silicon seal under the front cover
Silicon glue among LED,lens and PCB
- POWER CABLE** | H07RN-F 2X1.0mm2 L=3.0m
- BUILT-IN OVERHEAT SENSOR SYSTEM** | Automatic Shutdown at 75°C
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

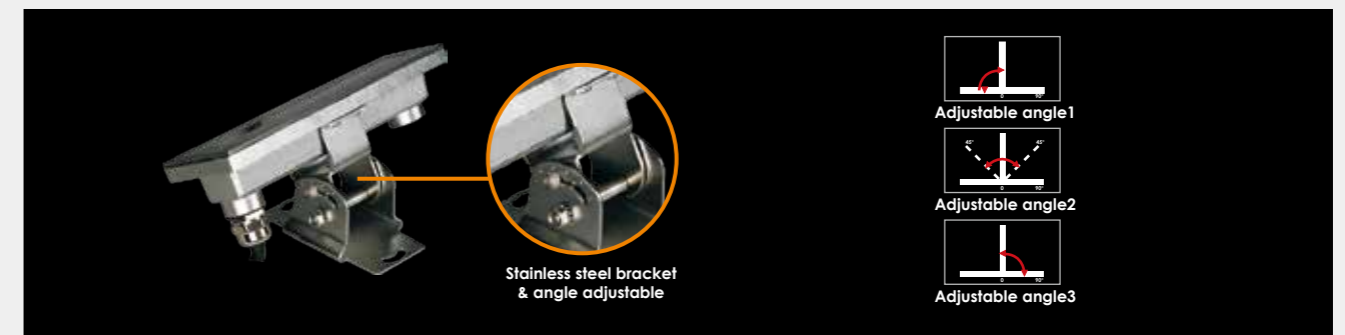
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B5TL0657	6×2W	B27	30°	24V DC	491	11.8	Cool White = 605 Warm White = 520	08

PHOTOMETRIC CURVES



50° Downward rotation 70° Upward rotation.°



Stainless steel bracket & angle adjustable

Underwater LED Spot Light

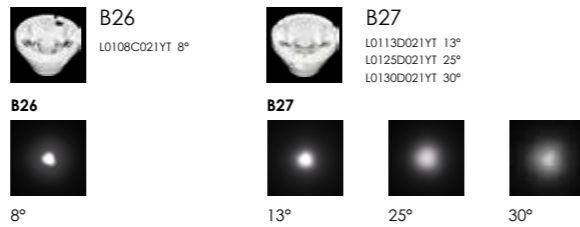
Housing and accessories are completely Hard chromeplated Stainless Steel SUS 316L #



LED COLOUR TEMPERATURE

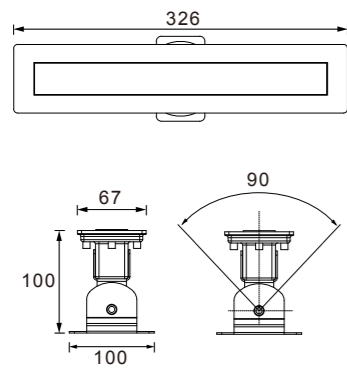
2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS

Unit:mm



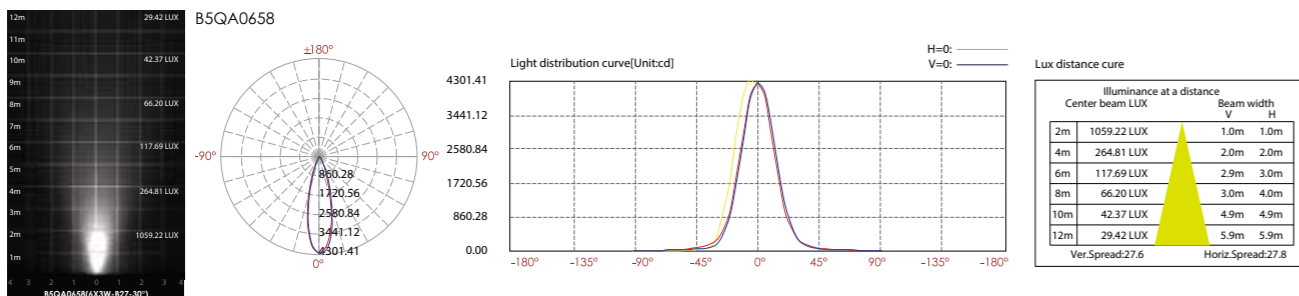
MATERIAL SPECIFICATIONS

Front cover & Housing	Hard chromeplated molding shaped stainless steel sus 316L#
Light Windw	PC
Gasket	Silicone gasket
Lens	Optical lens, efficiency≥85%
PCB	Excellent heat conductivity aluminum.coefficient of heat Conductivity≥2.0w/mk
LED Driver	Constant Voltage Input,Constant Current Output
Power Cable	H05RN-F 2X1.0mm ² L=3.0m(for single color)
Applicationenvironment	Temperature of water between -20°C~40°C less than 1 meter depth.
Cable gland	IP68 PG-11 copper with nickel-coated

TECHNICAL DATA

Item	Light source	Lens	The manufacturer selected lens degree(°)θ1/2	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
B5QA0658	6 × 3W NICHIA	B27	30°	24V DC	950	22.8	Cool white =1578 Warm white =1324	10

PHOTOMETRIC CURVES



IP-65 Slim Type Linear Wall Washer

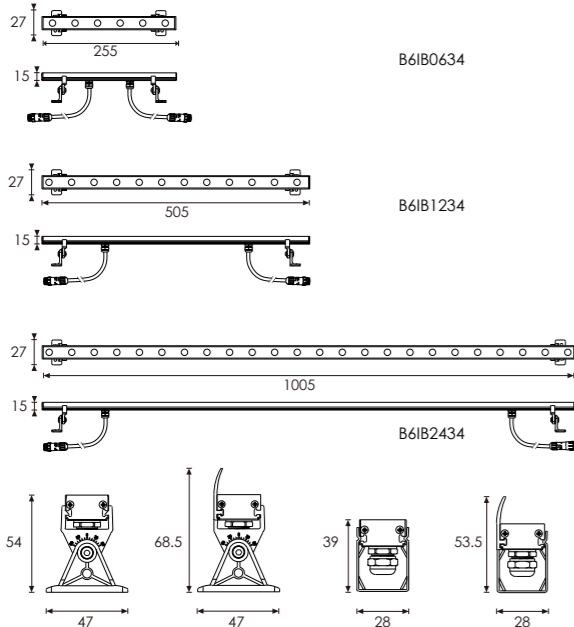


LED COLOUR TEMPERATURE

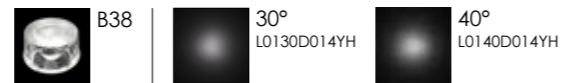
2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm

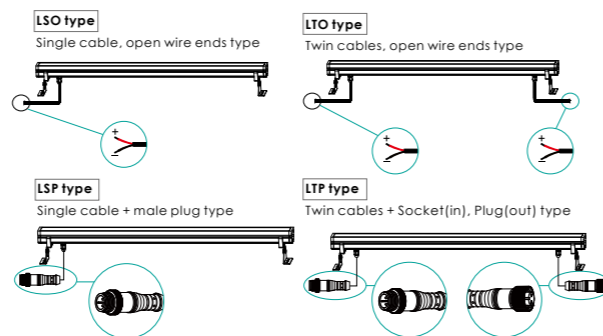


OPTICS



MATERIAL SPECIFICATIONS

- HOUSING** | Aluminum extrusion #6061, finish: Anodized or Painting
- BRACKET** | Nylon Rotatable type bracket or Stainless steel Angle Fixed type bracket
- LIGHT WINDOW** | Tempered glass T=2mm2 with printing.
- CABLE GLAND** | Copper PG-7 IP65
- POWER CABLE** | H03VV-F 2X0.75mm² L=20 cm With Plug/Socket connector MAX capacity of Current=5A
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali



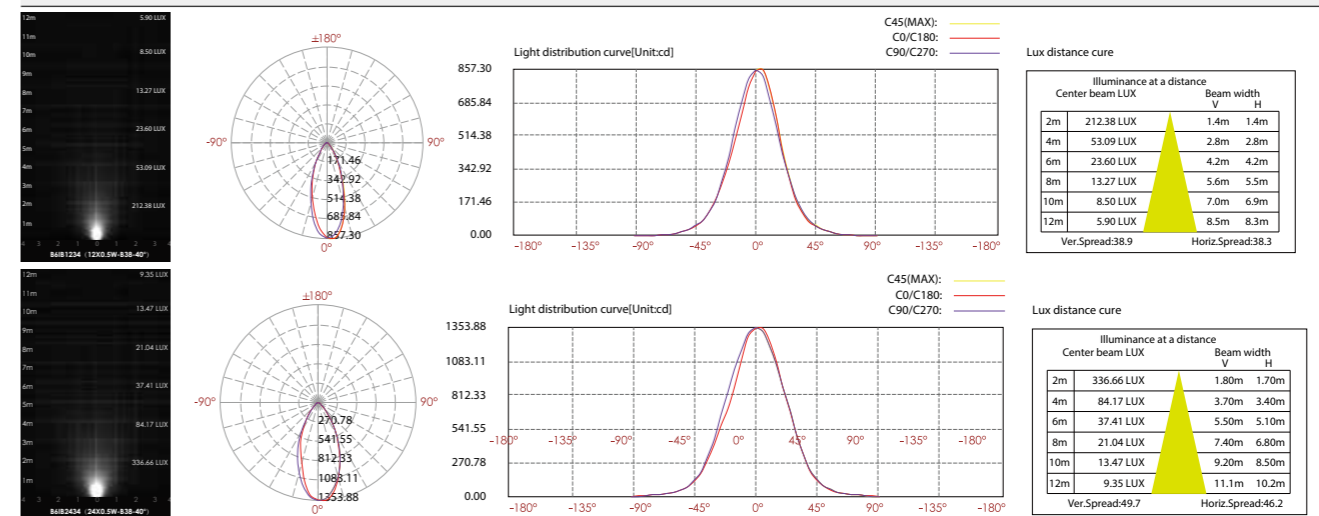
OPTIONAL PARTS



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENGTH(MM)	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B6IB0634	6×0.5W NICHIA	B38	255	40°	24V DC	152	3.6	Cool White = 320 Warm White = 289	05
B6IB1234	12×0.5W NICHIA	B38	505	40°	24V DC	305	7.30	Cool White = 557 Warm White = 510	05
B6IB2434	24×0.5W NICHIA	B38	1005	40°	24V DC	611	14.7	Cool White = 1114 Warm White = 1020	05

PHOTOMETRIC CURVES

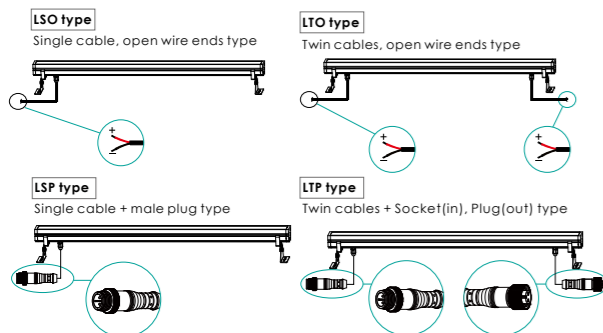
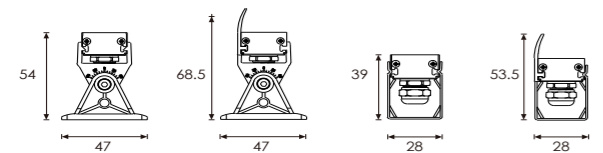
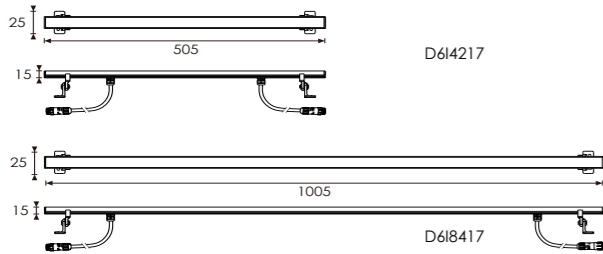


IP-65 Slim Type Linear Light Bar



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS

N/A

MATERIAL SPECIFICATIONS

- HOUSING** | Aluminum anodized finishing & powder painting
- DIFFUSE** | PC T=2mm
- CABLE GLAND** | Copper and nickel coated
- LED** | SMD2835
- PCB** | Heat Conductivity≥2.0w/mk
- LED DRIVER** | Constant current IC on the board
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H03VV-F 2X0.75mm² L=option
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

OPTIONAL PARTS



•Stainless Steel Bracket



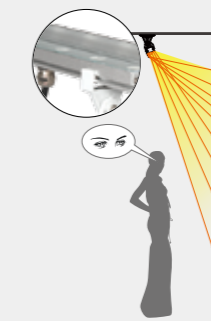
•Plug/Socket Connector



•Cap-Optional Accessory



•Cap-Optional Accessory



The cap can effectively :
1. Reduce the people view angle to the light
2. concentrate the brightness

The bracket of Rotatable type

Regular



•Bracket

The bracket of Angle-Fixed type

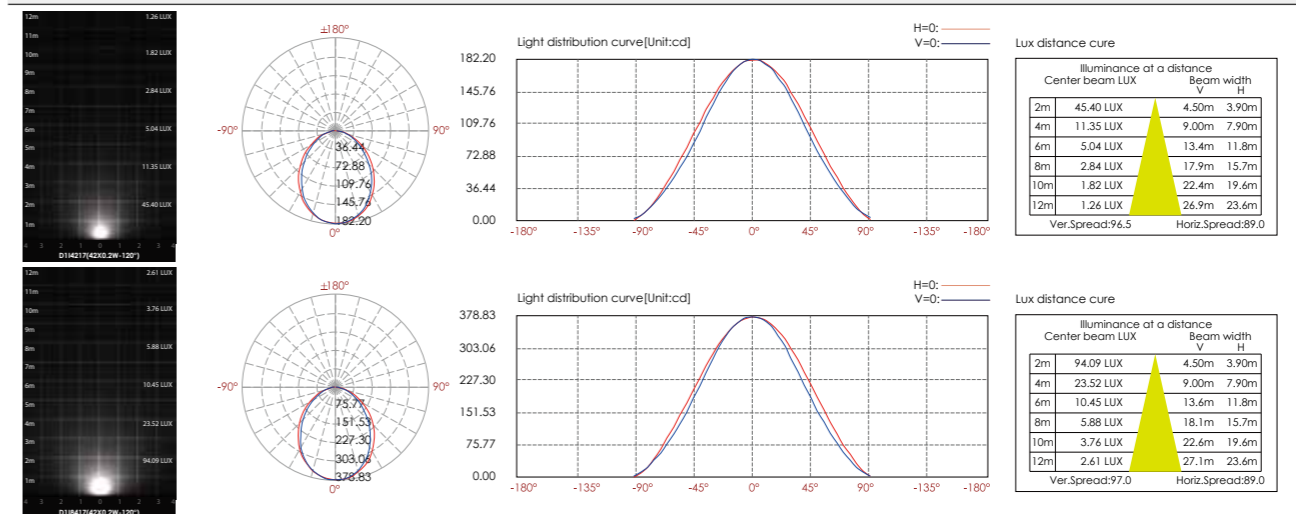
Option



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENGTH(MM)	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	PF	IK
D614217	42×0.2W	505	120°	24V DC	350	8.5	Cool White = 430 Warm White = 418	1	02
D618417	84×0.2W	1005	120°	24V DC	700	17	Cool White = 994 Warm White = 867	1	02

PHOTOMETRIC CURVES



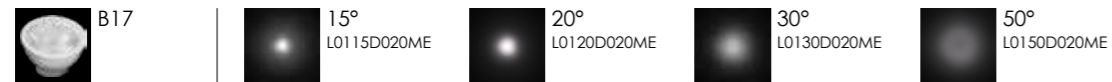
Slim Type LED Linear Wall Washer



LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

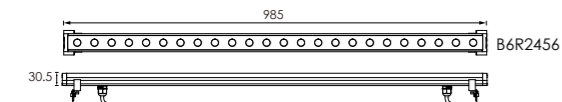
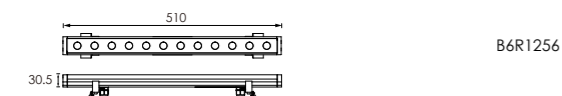
OPTICS



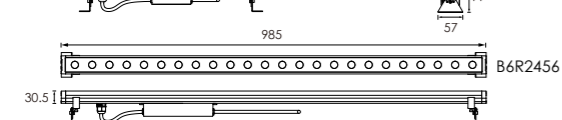
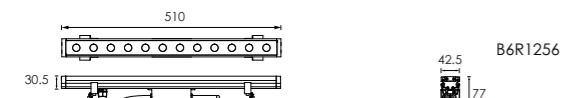
OUTER DIMENSIONS & ACCESSORIES

Unit:mm

Low voltage input (24VDC)



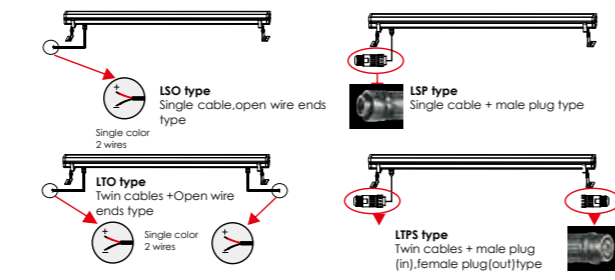
High voltage input (100V-240V)



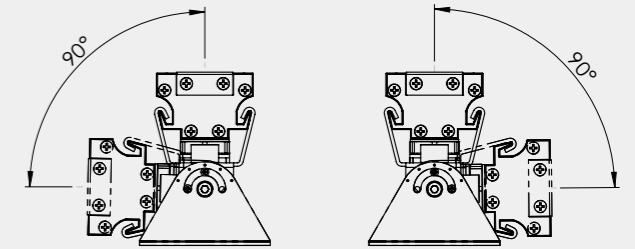
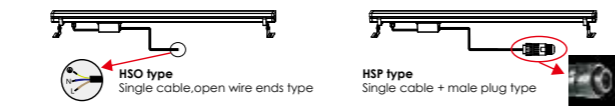
MATERIAL SPECIFICATIONS

- HOUSING** | Extruded aluminum, powder coated
- LENS** | Optical lens, efficiency ≥ 85%
- LIGHT WINDOW** | Step tempered glass, T=4mm
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Glass and housing are silicone sealed
- LED** | OSRAM SMD3030
- OPERATING TEMPERATURE** | -20°C ~ 40°C
- BRACKET** | Hard chrome plated stainless steel SUS 304# T=1.5mm
- POWER CABLE** | 2XH05RN-F 2X1.0mm² L=0.5m (low voltage)
2XH05RN-F 3X1.0mm² L=0.5m (high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

Low voltage input (24VDC) power cord model

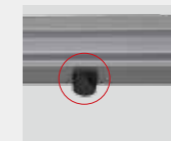


High voltage input (100V-240V) power cord wiring model



• Adjustable beam direction

OPTIONAL PARTS



• Air Valve

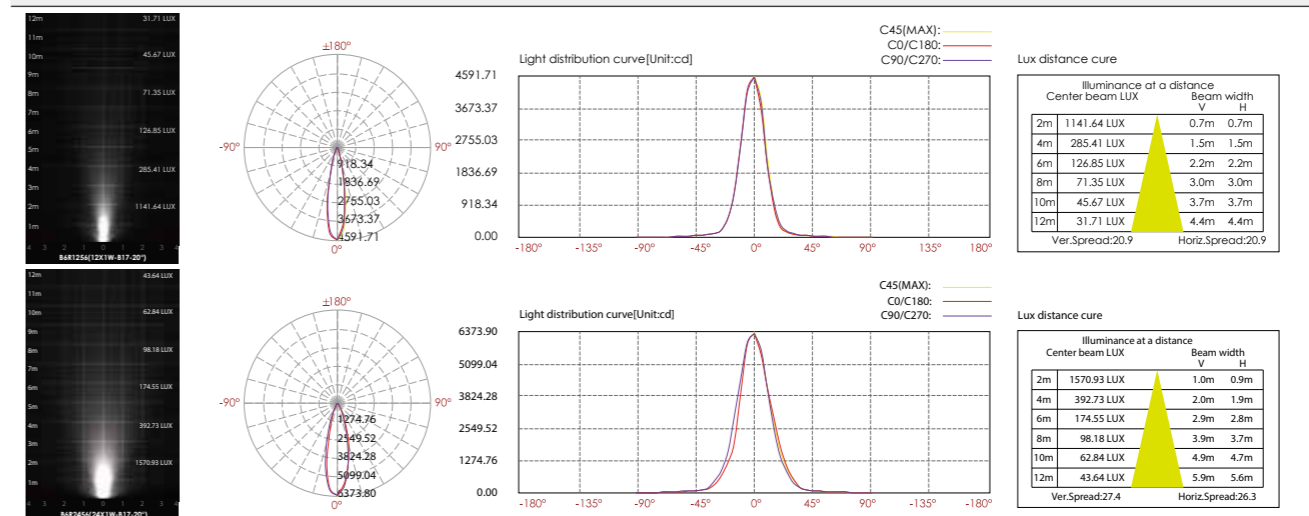


• Cap-Optional Accessory

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	LENGTH(MM)	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B6R0656	6×1.0W Single color	B17	20°	265	24V DC 120/240	24V = 305	24V = 7.5	Cool White = 530	02
						120V = 100	120V = 7.2	Warm White = 512	
						240V = 55	240V = 7.3		
B6R1256	12×1.0W Single color	B17	20°	510	24V DC 120/240	24V = 610	24V = 14.5	Cool White = 1080	02
						120V = 130	120V = 15	Warm White = 864	
						240V = 65	240V = 15		
B6R2456	24×1.0W Single color	B17	20°	985	24V DC 120/240	24V = 1220	24V = 29	Cool White = 2140	02
						120V = 295	120V = 35	Warm White = 1976	
						240V = 163	240V = 35		

PHOTOMETRIC CURVES

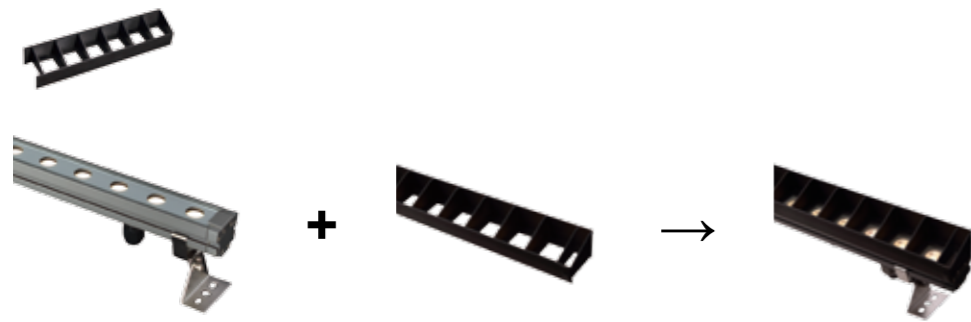


Optional AccessoriesSt- Anti Glare

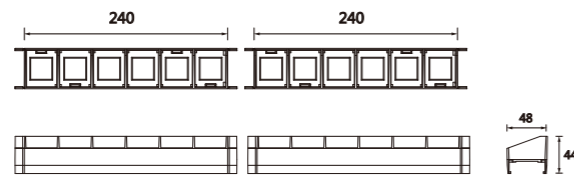
Bevel cut anti-glare reflector 6001



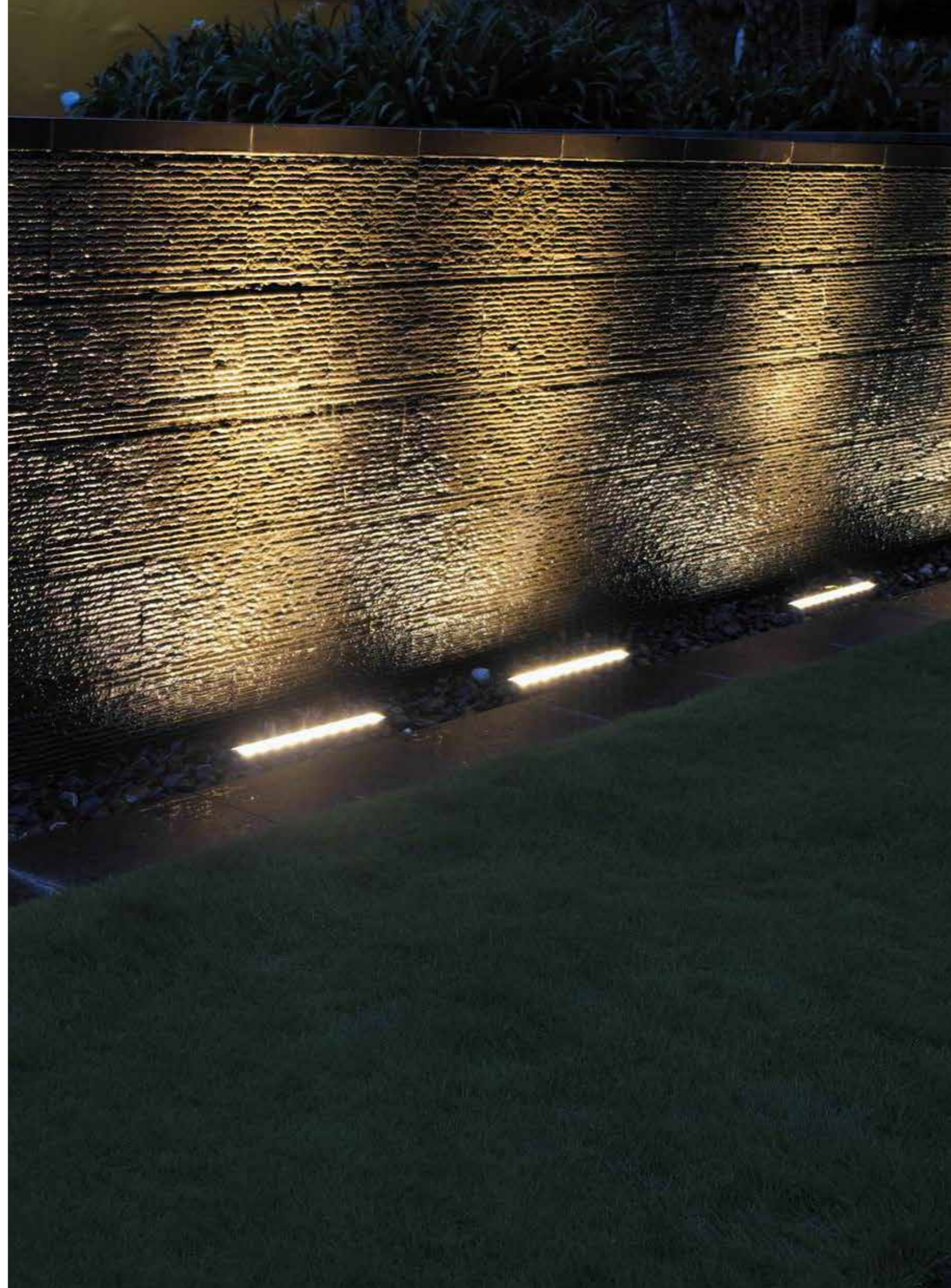
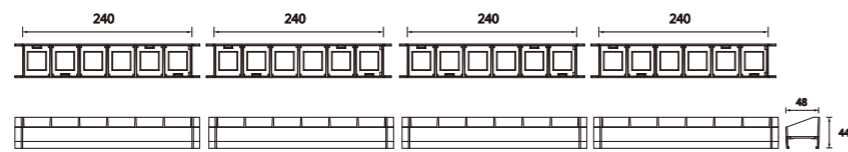
Basic Unit : 240 x 48 mm



B6R1256



B6R2456



High Power LED Linear Wall Washer



LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

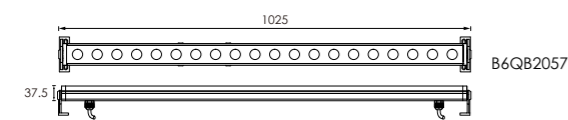
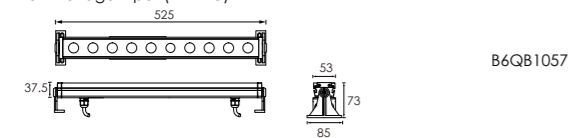
OPTICS



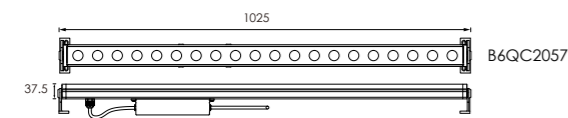
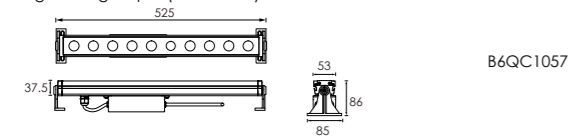
OUTER DIMENSIONS & ACCESSORIES

Unit:mm

Low voltage input (24VDC)



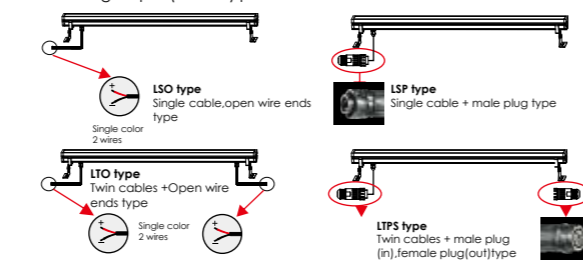
High voltage input (100V-240V)



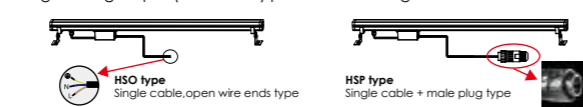
MATERIAL SPECIFICATIONS

- HOUSING** | Extruded aluminum, powder coated
- LENS** | Optical lens, efficiency ≥ 85%
- LIGHT WINDOW** | Tempered glass, T=3mm
- CABLE GLAND** | IP68 PG-11 PA66
- SEALE** | Glass and housing are silicone sealed
- LED** | OSRAM SMD 3030
- OPERATING TEMPERATURE** | -20°C ~ 40°C
- BRACKET** | 12# Die-casting powder coated aluminum
- POWER CABLE** | H05RN-F 2X1.5mm² L=0.25m (low voltage)
H05RN-F 3X1.0mm² L=0.5m (high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali (B6QB1057/B6QB2057)

Low voltage input (24VDC) power cord model



High voltage input (100V-240V) power cord wiring model



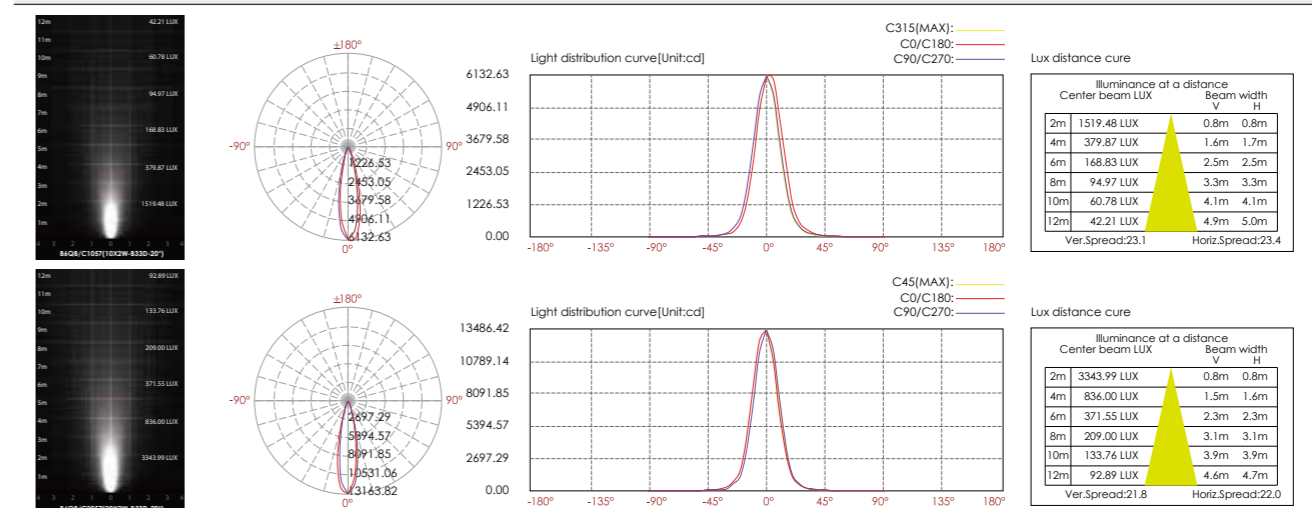
OPTIONAL HONEYCOMB LOUVER



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	LENGTH(MM)	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B6QB1057	10×2W Single color	B33D	20°	525	24V DC	1041	25	Cool White = 1476 Warm White = 1174	05
B6QB2057	20×2W Single color	B33D	20°	1025	24V DC	2056	50	Cool White = 2890 Warm White = 2308	05
B6QC1057	10×2W Single color	B33D	20°	525	120/240	120V = 174 240V = 92	120V = 20.8 240V = 20.8	Cool White = 1476 Warm White = 1338	05
B6QC2057	20×2W Single color	B33D	20°	1025	120/240	120V = 374 240V = 202	120V = 41 240V = 42.2	Cool White = 2890 Warm White = 2518	05

PHOTOMETRIC CURVES



High Luminance LED Linear Wall Washer



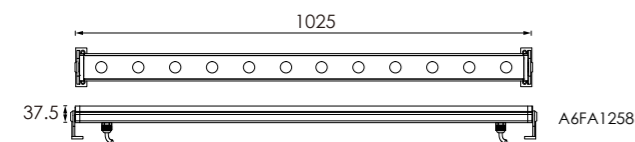
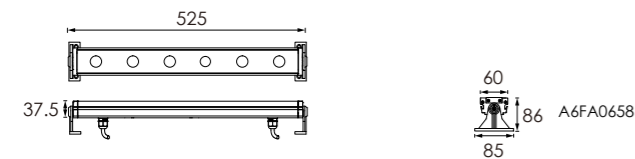
LED COLOUR TEMPERATURE

3000K · 6000K

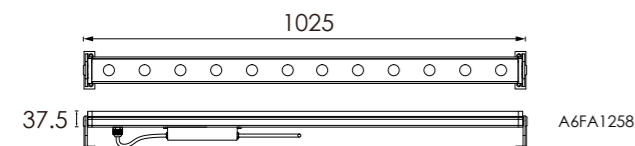
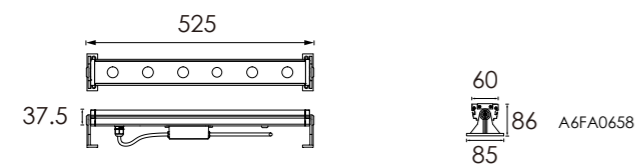
OUTER DIMENSIONS & ACCESSORIES

Unit:mm

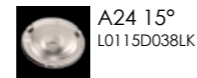
Low voltage input (24VDC)



High voltage input (100V-240V)



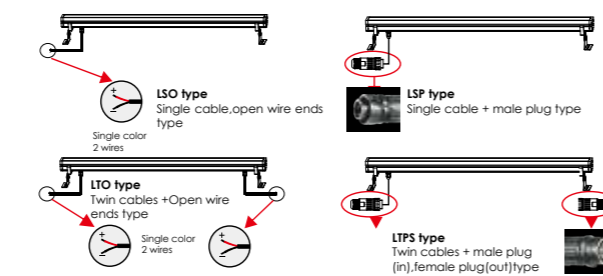
OPTICS



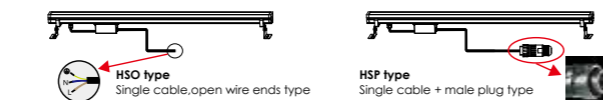
MATERIAL SPECIFICATIONS

- HOUSING** | Extruded aluminum, powder coated
- LENS** | Optical lens, efficiency ≥ 85%
- LIGHT WINDOW** | Tempered glass, T=3mm
- CABLE GLAND** | IP68 PG-13.5 PA66
- GASKET** | Glass and housing are silicone sealed
- LED** | NICHIA SMD 3535
- OPERATING TEMPERATURE** | -20°C~40°C
- BRACKET** | 12# Die-casting powder coated aluminum
- POWER CABLE** | H07RN-F 2X1.5mm² L=0.25m (low voltage)
H05RN-F 3X1.0mm² L=0.6m (high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

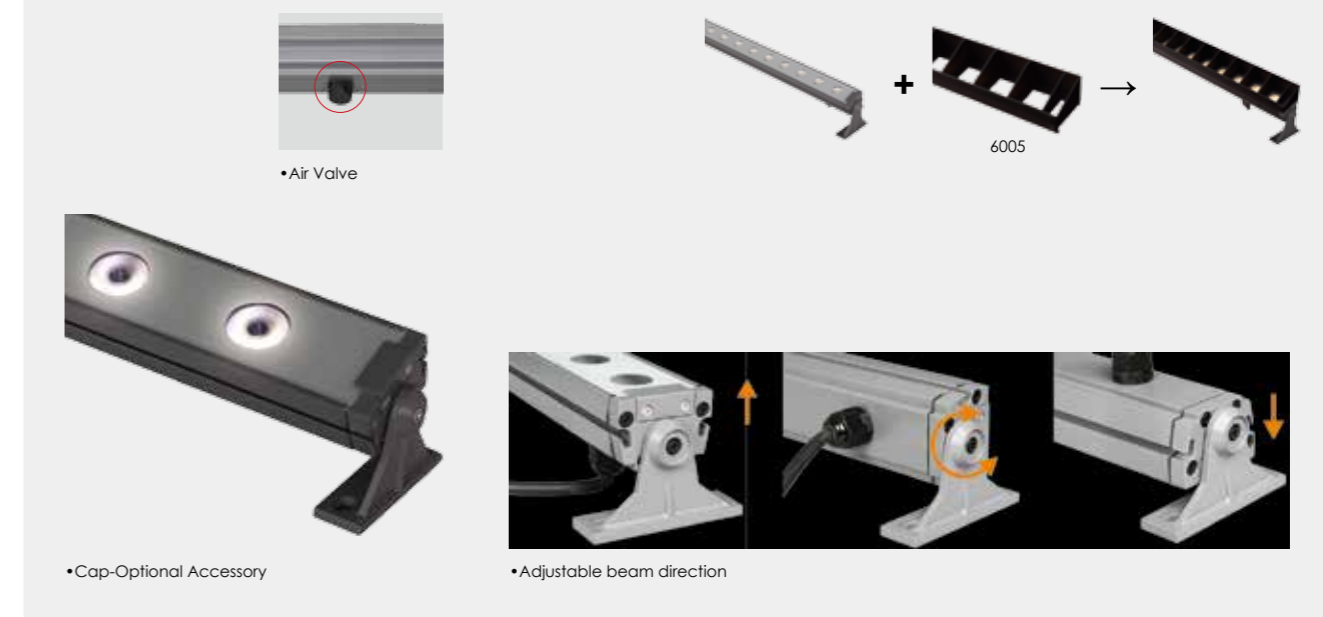
Low voltage input (24VDC) power cord model



High voltage input (100V-240V) power cord wiring model



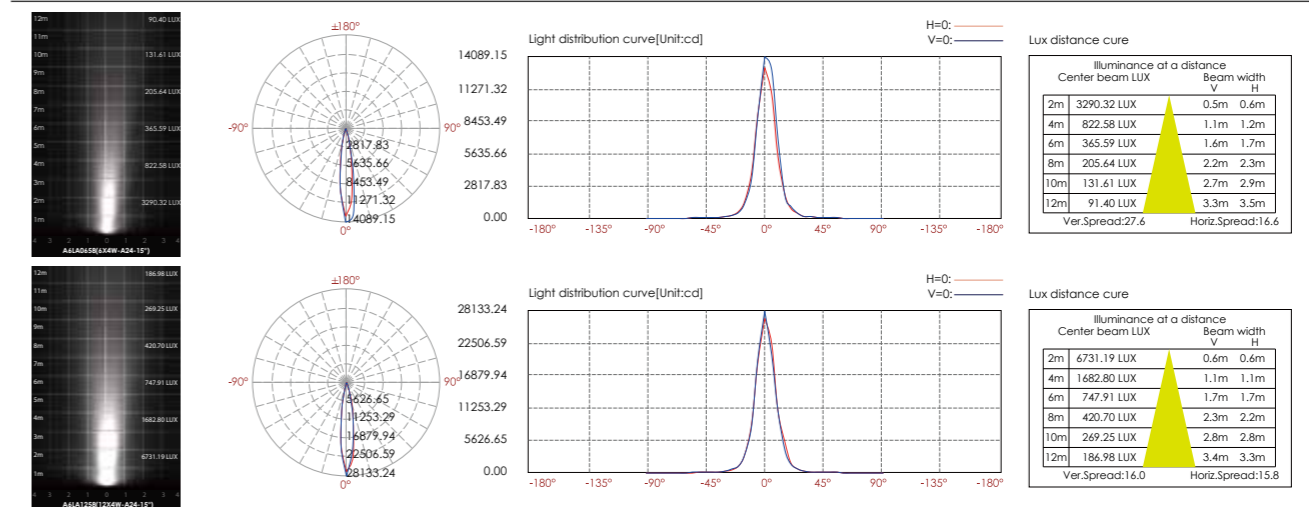
OPTIONAL HONEYCOMB LOUVER



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Θ1/2	LENGTH(MM)	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
A6FA0658	6X4W Nichia	A24	15°	525	24V DC 120/240	24V = 1200	24V = 28.8	Cool White = 1930 Warm White = 1583	05
						120V = 222	120V = 26		
						240V = 114	240V = 26.1		
A6FA1258	12X4W Nichia	A24	15°	1025	24V DC 120/240	24V = 2380	24V = 57.6	Cool White = 4417 Warm White = 3622	05
						120V = 425	120V = 50		
						240V = 215	240V = 51		

PHOTOMETRIC CURVES



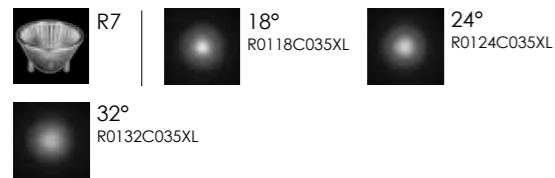
High Luminance COB LED Linear Wall Washer



LED COLOUR TEMPERATURE

3000K · 6000K

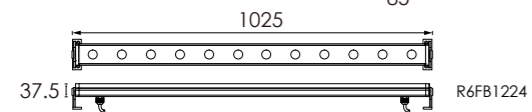
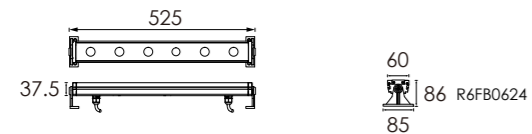
OPTICS



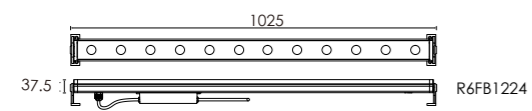
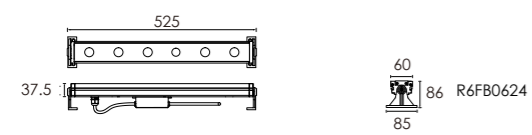
OUTER DIMENSIONS & ACCESSORIES

Unit:mm

Low voltage input (24VDC)



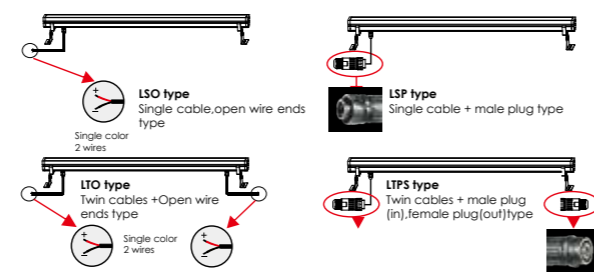
High voltage input (100V-240V)



MATERIAL SPECIFICATIONS

- HOUSING** | Extruded aluminum, powder coated
- REFLECTOR** | Optical Reflector, efficiency ≥ 85%
- LIGHT WINDOW** | Step tempered glass, T=3mm
- CABLE GLAND** | IP68 PG-11.0 PA66
- GASKET** | IP68 plug male/female (option)
- LED** | CREE
- OPERATING TEMPERATURE** | -20°C ~ 40°C
- BRACKET** | 12# Die-casting powder coated aluminum
- POWER CABLE** | Input: waterproof plug connector
Output: waterproof socket connector
2XH05RR-F 2X1.50mm² L=0.3m (low voltage)
2XH05RN-F 3X1.00mm² L=1.0m (high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

Low voltage input (24VDC) power cord model



High voltage input (100V-240V) power cord wiring model



OPTIONAL HONEYCOMB LOUVER



• Air Valve



• Cap-Optional Accessory

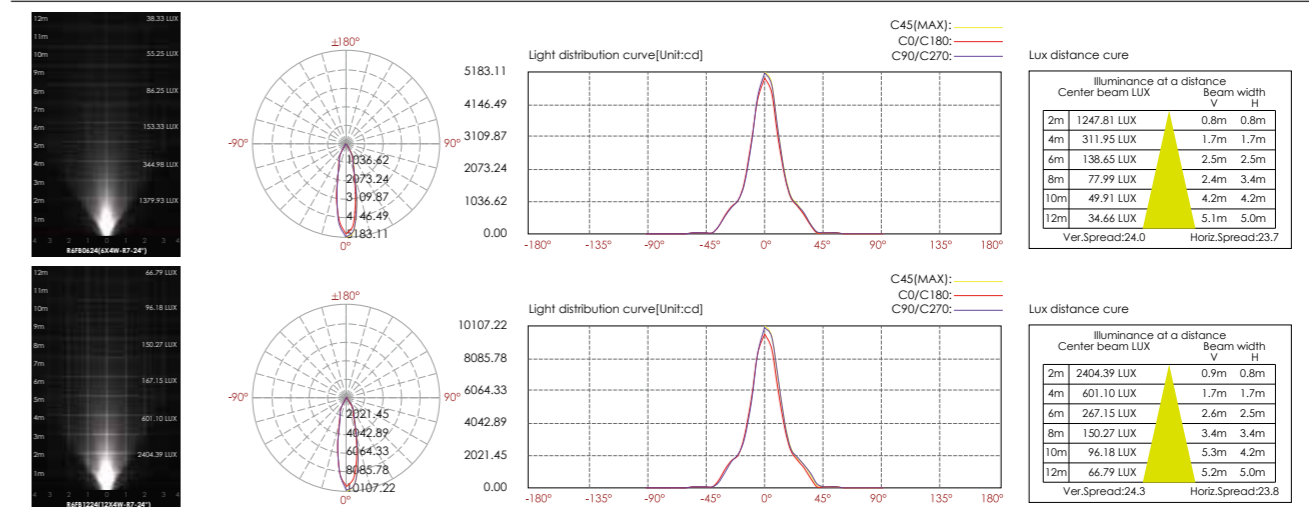


• Adjustable beam direction

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Θ1/2	LENGTH(MM)	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R6FB0624	6×4W CREE	R7	24°	525	24V DC 120/240	24V = 1200	24V = 28.8	Cool White = 2345 Warm White = 2088	05
						120V = 230	120V = 25		
						240V = 117	240V = 25		
R6FB1224	12×4W CREE	R7	24°	1025	24V DC 120/240	24V = 2380	24V = 57.6	Cool White = 4645 Warm White = 4134	05
						120V = 422	120V = 50		
						240V = 217	240V = 49.5		

PHOTOMETRIC CURVES





High Luminance Output LED Linear Wall Washer



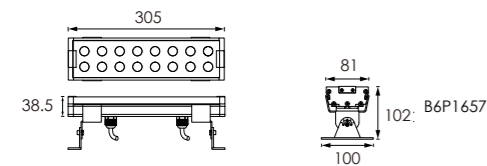
OPTICS



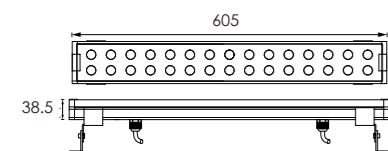
OUTER DIMENSIONS & ACCESSORIES

Unit:mm

Low voltage input (24VDC)

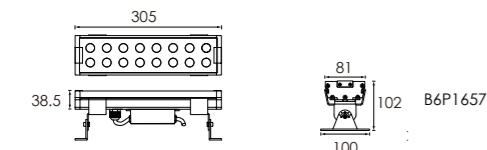


B6P1657

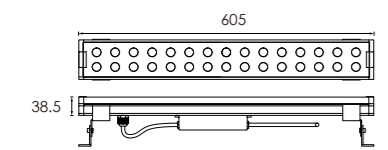


B6P3057

High voltage input (100V-240V)



B6P1657



B6P3057

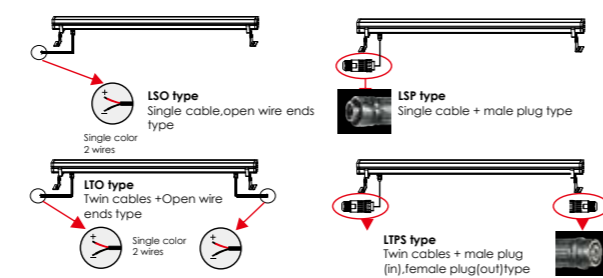
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

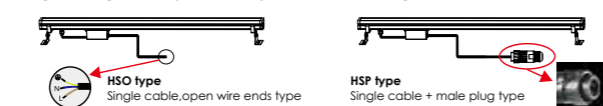
MATERIAL SPECIFICATIONS

- HOUSING** | Extruded aluminum, powder coated
- LENS** | Optical lens, efficiency ≥ 85%
- LIGHT WINDOW** | Step tempered glass, T=4mm
- CABLE GLAND** | IP68 PG-11 PA66
- GASKET** | IP68 plug male/female (option)
- LED** | OSRAM
- OPERATING TEMPERATURE** | -20°C ~ 40°C
- BRACKET** | Stainless steel, T=1.5mm
- POWER CABLE** | Input: waterproof plug connector
Output: waterproof socket connector
2XH07RN-F 2X1.50mm 2L=0.3m (low voltage)
2XH05RN-F 3X1.00mm 2L=1.0m (high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

Low voltage input (24VDC) power cord model



High voltage input (100V-240V) power cord wiring model



LIGHTING EFFECT DEMO



B6P1657



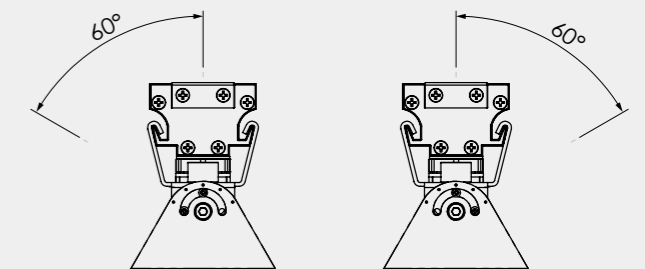
B6P3057



• Cap-Optional Accessory



• Air Valve

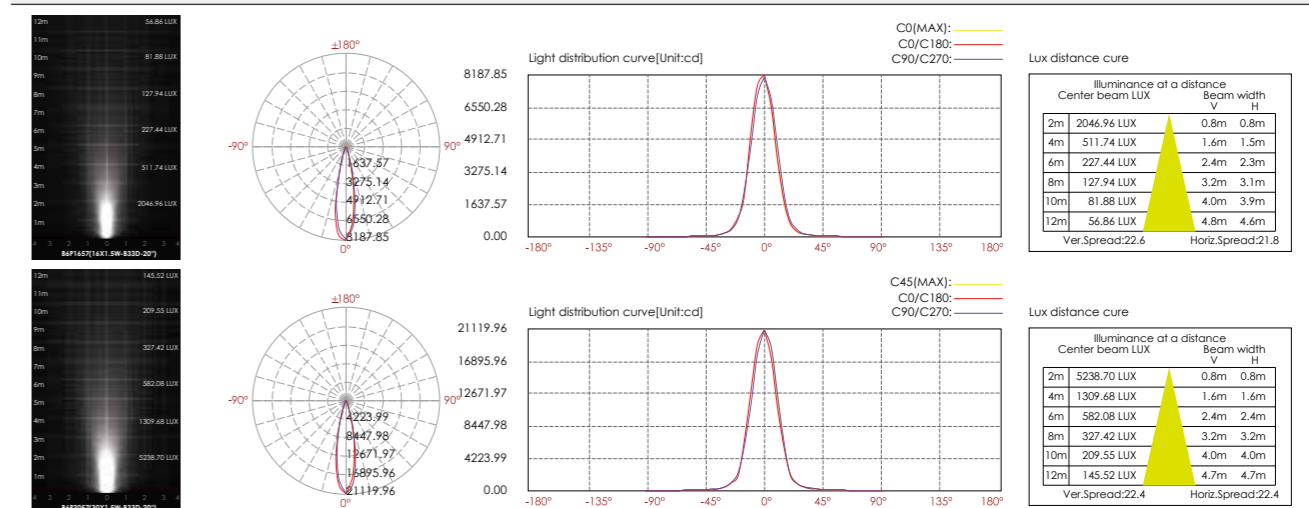


• Adjustable beam direction

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°) Ø1/2	LENGTH(MM)	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B6P1657	16x1.5W	B33D	20°	305	24V DC 120/240	24V = 1050	24V = 25	Cool White = 2000 Warm White = 1592	05
						120V = 223	120V = 26		
						240V = 124	240V = 26.4		
B6P3057	30x1.5W	B33D	20°	605	24V DC 120/240	24V = 1750	24V = 42	Cool White = 4040 Warm White = 2730	05
						120V = 396	120V = 47		
						240V = 219	240V = 48		

PHOTOMETRIC CURVES



6K Series
Symmetrical 24V DC
IP-66 Slim Light Bar

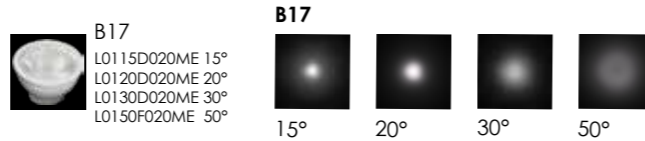


B6KA1257
B6KA2457

LED COLOUR TEMPERATURE

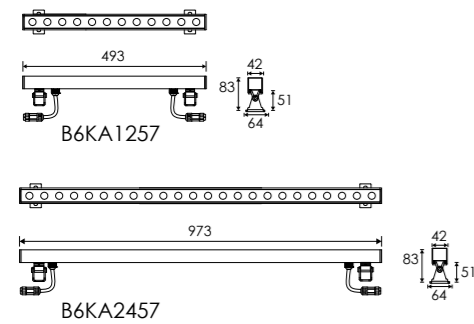
2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS

Unit:mm



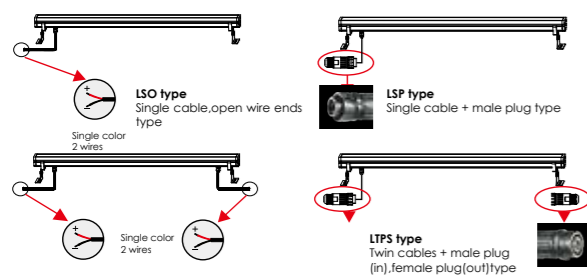
MATERIAL SPECIFICATIONS

- Housing** | Extruded aluminum anodized finishing or powder painting
- Lens** | Optical lens efficiency≥85%
- Light window** | Tempered glass,T=4mm
- Cable gland** | IP68 PG-9 PA66
- Gasket** | Glass and housing are silicone sealed
- LED** | Single color ORSAM LED
- Operating temperature** | -20°C~40°C
- Bracket** | Hard chromeplated stainless steel SUS 304#
- Power Cable** | H05RN-F 2X1.0mm² L=0.25m (low voltage)
- Dimmable Support** | Triac PWM 1-10V Dali

Optional Honeycomb Louver



Low voltage input (24VDC) power cord model



TECHNICAL DATA

Item	Light source	Lens	The manufacturer selected lens degree(°)θ1/2	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
B6KA1257	12×1.5W	B17	20°	24V DC	1000	24	Cool white=1485 Warm white=1263	06
B6KA2457	24×1.5W	B17	30°	24V DC	1985	47	Cool white=2900 Warm white=2470	06

LINEAR
BEAM

Symmetrical 120/240V
IP-66 Slim Light Bar

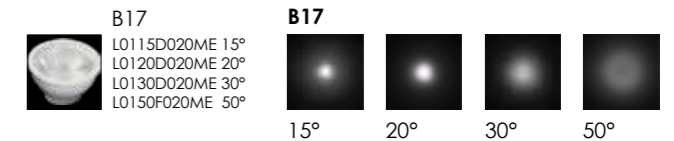


B6KC1257
B6KC2457

LED COLOUR TEMPERATURE

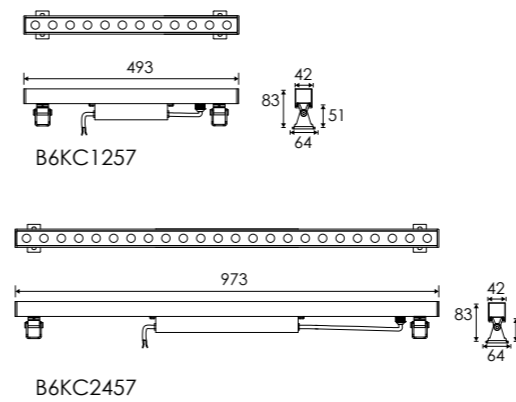
2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS

Unit:mm



MATERIAL SPECIFICATIONS

- Housing** | Extruded aluminum anodized finishing or powder painting
- Lens** | Optical lens efficiency≥85%
- Light window** | Tempered glass,T=4mm
- Cable gland** | IP68 PG-9 PA66
- Gasket** | Glass and housing are silicone sealed
- LED** | Single color ORSAM LED
- Operating temperature** | -20°C~40°C
- Bracket** | Hard chromeplated stainless steel SUS 304#
- Power Cable** | H05RN-F 2X1.0mm² L=0.5m (low voltage)

Optional Honeycomb Louver



High voltage input (100V-240V) power cord wiring model



TECHNICAL DATA

Item	Light source	Lens	The manufacturer selected lens degree(°)θ1/2	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
B6KC1257	12×1.5W	B17	20°	120/240V	120V = 203 240V = 109	120V = 24.4 240V = 25.2	Cool white=1637 Warm white=1392	05
B6KC2457	24×1.5W	B17	20°	120/240V	120V = 414 240V = 212	120V = 48.0 240V = 48.3	Cool white=3270 Warm white=2780	05

6J Series

Symmetrical 24V DC
IP-66 Ultra Slim Light Bar

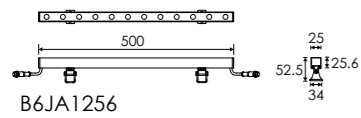


LED COLOUR TEMPERATURE

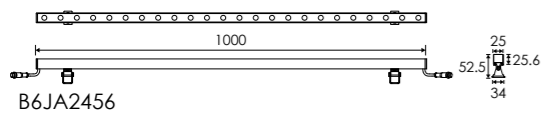
2000K · 3000K · 6000K

OUTER DIMENSIONS

Unit:mm



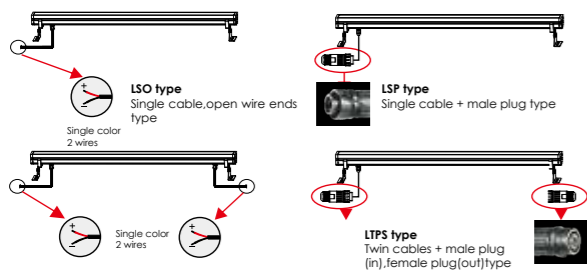
B6JA1256



B6JA2456



Low voltage input (24VDC) power cord model



TECHNICAL DATA

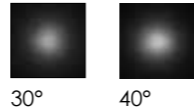
Item	Light source	Lens	The manufacturer selected lens degree(°)θ1/2	Length L=(mm)	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
B6JA1256	12×1W	B38	30°	500	24V DC	610	14.5	Cool white=820 Warm white=700	03
B6JA2456	24×1W	B38	30°	1000	24V DC	1220	29	Cool white=1660 Warm white=1413	03

OPTICS



B38
L0130D014YH 30°
L0140D014YH 40°

B38



MATERIAL SPECIFICATIONS

Housing	Extruded aluminum anodized finishing or powder painting
Lens	Optical lens efficiency≥85%
Light window	Tempered glass.T=3mm
Gasket	Glass and housing are silicone sealed
LED	Single color ORSAM LED
Operating temperature	-20°C~40°C
Bracket	Hard chromeplated stainless steel SUS 304#
Power Cable	H03VV-F 2X0.75mm ² L=0.25m
Dimmable Support	Triac PWM 1-10V Dali

Optional Honeycomb Louver



LINEAR
BEAM

Symmetrical 120/240V
IP-66 Ultra Slim Light Bar

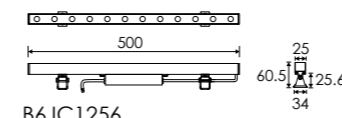


LED COLOUR TEMPERATURE

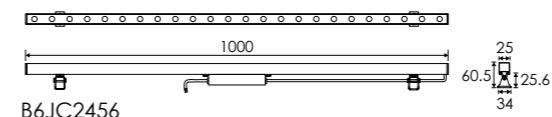
2000K · 3000K · 6000K

OUTER DIMENSIONS

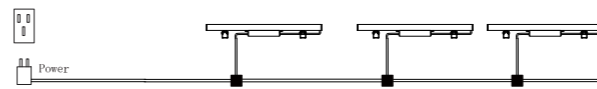
Unit:mm



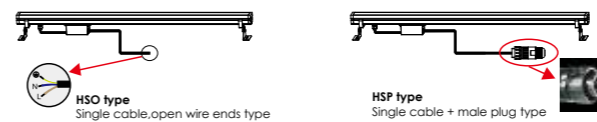
B6JC1256



B6JC2456



High voltage input (100V-240V) power cord wiring model



TECHNICAL DATA

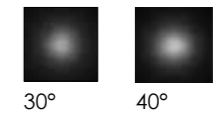
Item	Light source	Lens	The manufacturer selected lens degree(°)θ1/2	Length L=(mm)	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
B6JC1256	12×1W	B38	30°	500	120/240V	120V = 130 240V = 65	120V = 15.0 240V = 15.0	Cool white=1080 Warm white= 864	02
B6JC2456	24×1W	B38	30°	1000	120/240V	120V = 295 240V = 163	120V = 35 240V = 35	Cool white=2140 Warm white=1976	02

OPTICS



B38
L0130D014YH 30°
L0140D014YH 40°

B38



MATERIAL SPECIFICATIONS

Housing	Extruded aluminum anodized finishing or powder painting
Lens	Optical lens efficiency≥85%
Light Window	Tempered glass.T=3mm
Gasket	Glass and housing are silicone sealed
LED	Single color ORSAM LED
Operating temperature	-20°C~40°C
Bracket	Hard chromeplated stainless steel SUS 304#
Power Cable	H03VV-F 3X0.1mm ² L=0.5m

Optional Honeycomb Louver



6L Series
Symmetrical 24V DC
IP-66 High Luminance Wall Washer



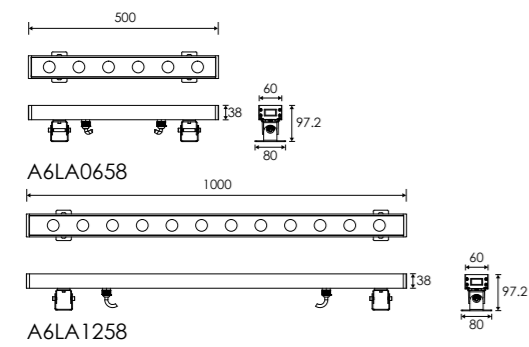
A6LA0658
A6LA1258

LED COLOUR TEMPERATURE

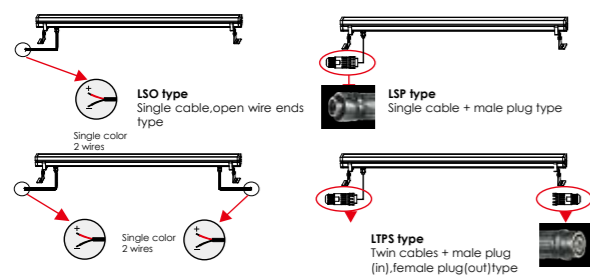
2000K · 3000K · 6000K

OUTER DIMENSIONS

Unit:mm



Low voltage input (24VDC) power cord model



TECHNICAL DATA

Item	Light source	Lens	The manufacturer selected lens degree(°)θ1/2	Length L=(mm)	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
A6LA0658	6X4W Nichia	A24	15°	525	24V DC	24V = 1200	24V = 28.8	Cool white 2236 Warm white 1834	05
A6LA1258	12X4W Nichia	A24	15°	1025	24V DC	24V = 2380	24V = 57.6	Cool white 4417 Warm white 3622	05

LINEAR BEAM

6L Series
Symmetrical 120/240V
IP-66 High Luminance Wall Washer



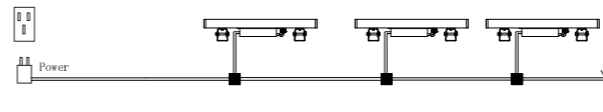
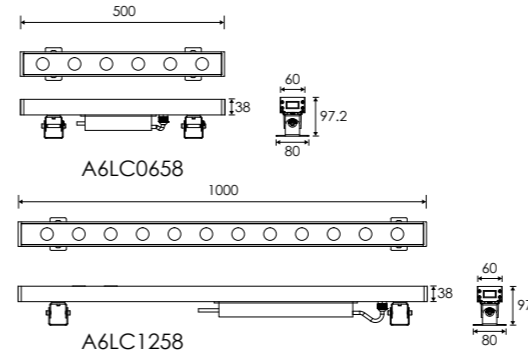
A6LC0658
A6LC1258

LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS

Unit:mm



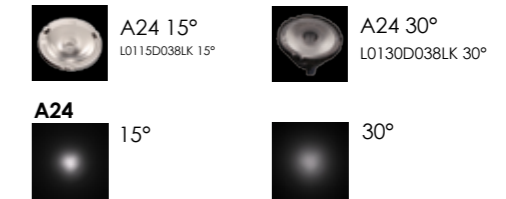
High voltage input (100V-240V) power cord wiring model



TECHNICAL DATA

Item	Light source	Lens	The manufacturer selected lens degree(°)θ1/2	Length L=(mm)	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
A6LC0658	6X4W Nichia	A24	15°	525	120/240V	120V = 222 240V = 114	120V = 26 240V = 26.1	Cool white =2236 Warm white =1834	05
A6LC1258	12X4W Nichia	A24	15°	1025	120/240V	120V = 425 240V = 214	120V = 50 240V = 51	Cool white =4417 Warm white =3622	05

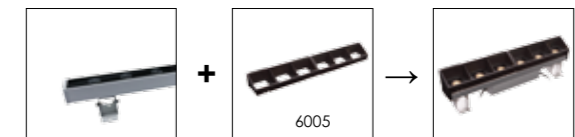
OPTICS



MATERIAL SPECIFICATIONS

- Housing** | Extruded aluminum, powder coated
- Lens** | Optical lens, efficiency ≥85%
- Light Window** | Tempered glass, T=4mm
- Cable gland** | IP-68 PG-9 PA66
- Gasket** | Glass and housing are silicone sealed
- LED** | NICHIA SMD 3535
- Operating temperature** | -20°C ~ 40°C
- Bracket** | 12# Die-casting powder coated aluminum
- Power Cable** | H05RN-F 3X1.0mm² L=0.5m

Optional Honeycomb Louver

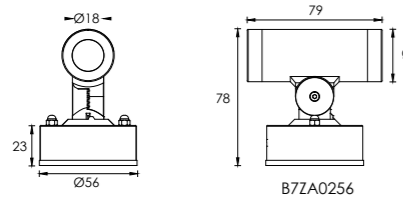
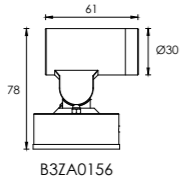
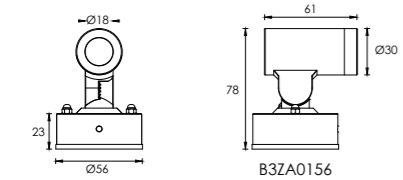


Small Type Wall Mounting Landscape Light



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

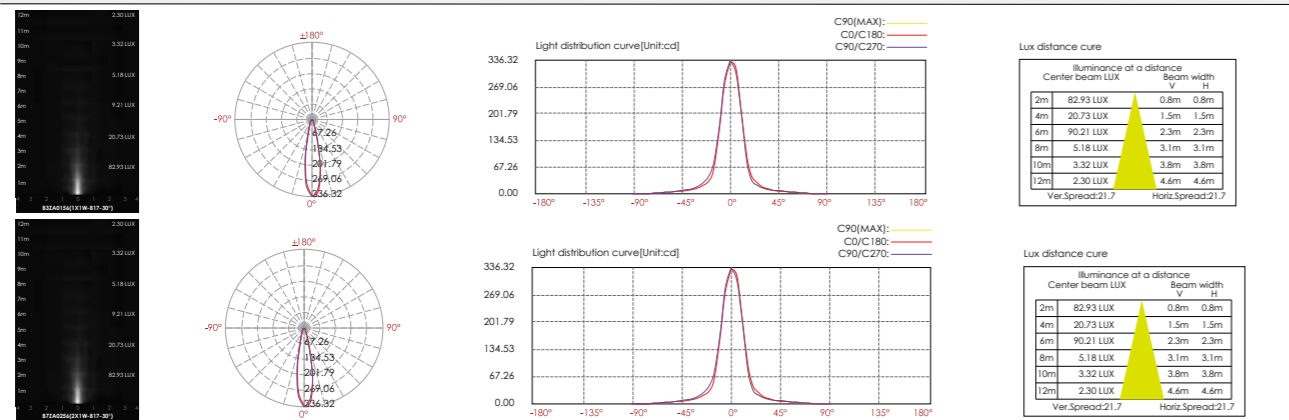
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80µm, Adhesion of ISO class 1/ASTM class 4B
- LENS** | Optical lens, efficiency≥85%
- PC COVER** | UV-Resistance PC, T=3.5mm
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- PCB** | Excellent heat conductivity aluminum, coefficient of heat conductivity≥2.0w/mk
- LED** | OSRAM
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | IAWM 1A 105°C 600V 18AWG FTI L=300mm
- MOUNTING BASE** | Powder coated die-casting aluminum
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B3ZA0156	1×1W	B17	30°	24V DC	48	1.2	Cool White = 100 Warm White = 83	02
B7ZA0256	2×1W	B17	30°	24V DC	91	2.2	Cool White = 100x2 Warm White = 83x2	02

PHOTOMETRIC CURVES



WALL MOUNTING
LANDSCAPE LIGHT



OPTICS



HOUSING COLOR OPTION

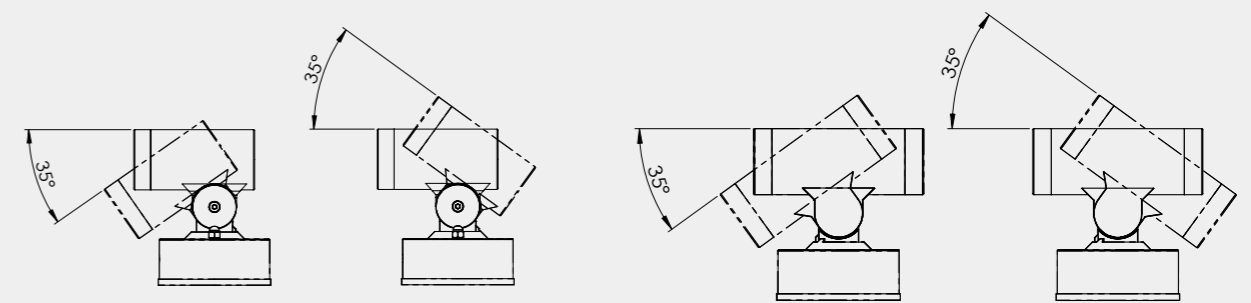


Sanded Brown
RAL 8019

Sanded Black
RAL 9005

Sanded White
RAL 9003

ADJUSTABLE BEAM DIRECTION



B3ZA0156

B7ZA0256

Wall Mounting Landscape Light

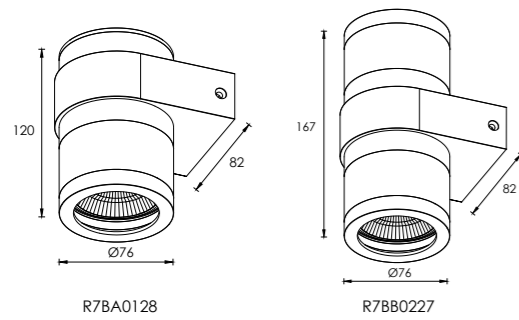


LED COLOUR TEMPERATURE

3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



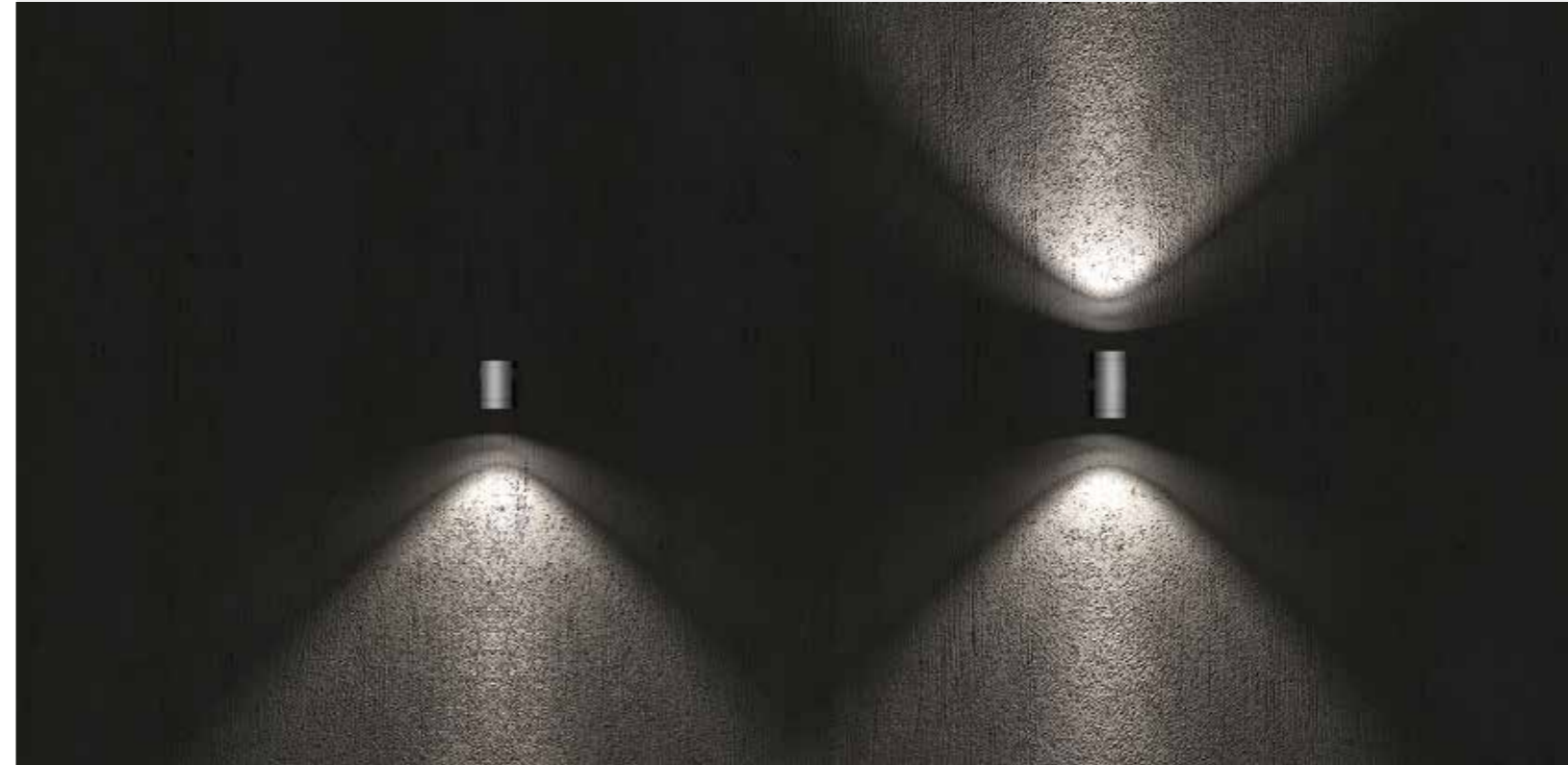
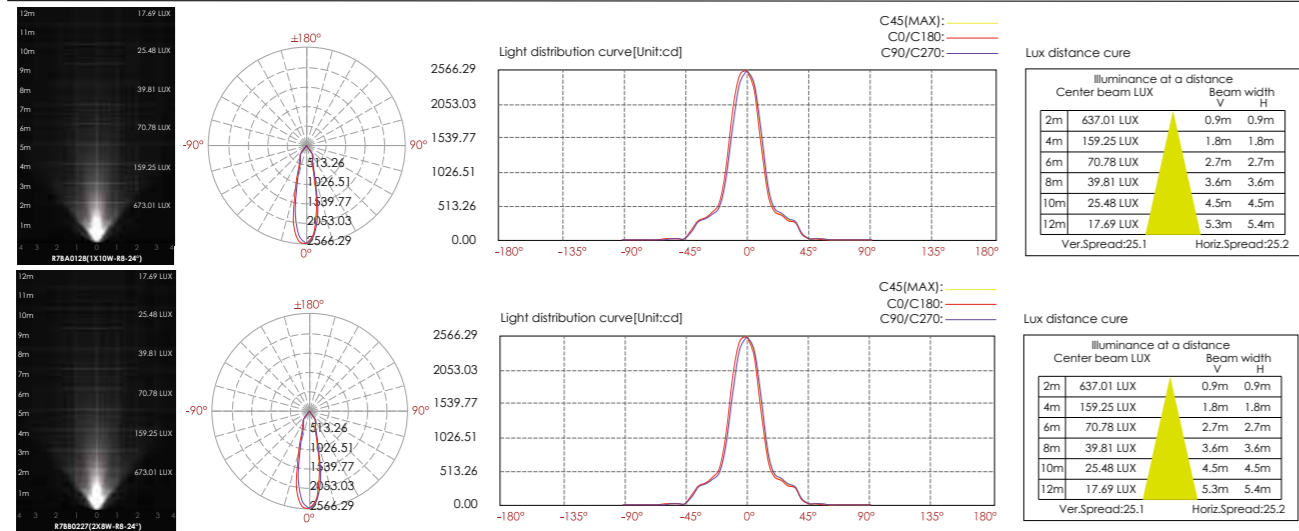
MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting dark grey powder coated aluminum T=60-80µm, Adhesion of ISO class 1/ASTM class 4B
REFLECTOR	Optical Reflector, efficiency≥85%
LIGHT WINDOW	PMMA T=6mm
LED DRIVER	Constant Voltage Input, Constant Current Output
LED	NICHIA
POWER CABLE	H05RN-F 2X1.0mm ² L=0.3m (low voltage) H05RN-F 3X1.0mm ² L=0.3m (high voltage)
OPERATING TEMPERATURE	-20°C~40°C

TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
R7BA0128	1×10W COB	R8	24°	24V DC 120/240	24V = 480 120V = 107 240V = 60	24V = 11.5 120V = 12.6 240V = 12.6	Cool White = 1018 Warm White = 956
R7BB0227	2×8W COB	R8	24°	24V DC 120/240	24V = 822 120V = 182 240V = 103	24V = 19.7 120V = 21 240V = 21	Cool White = 1018x2 Warm White = 956x2

PHOTOMETRIC CURVES



OPTICS



HOUSING COLOR OPTION



Wall Mounting Landscape Light



LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS



R3

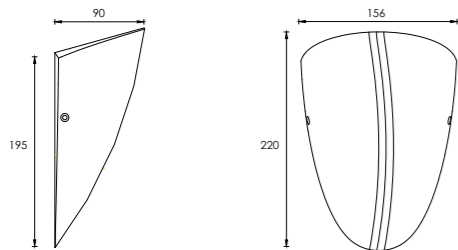


25°

R0115C061HM

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



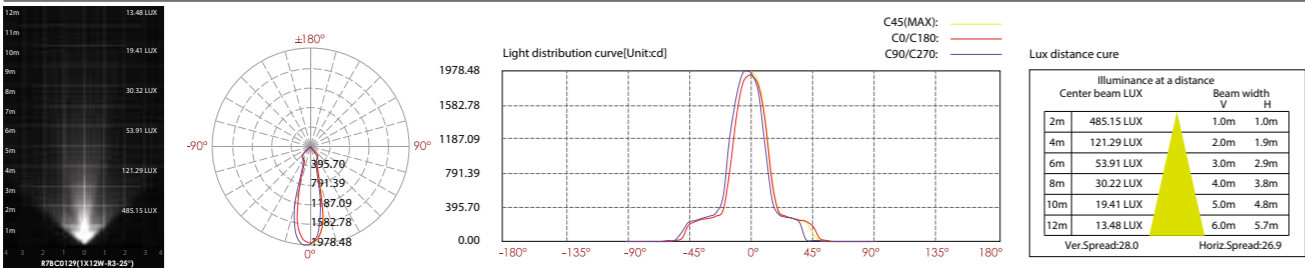
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80µm.Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | 12# Die-casting aluminum
- LIGHT WINDOW** | Tempered glass.T=3.5mm
- LED** | NICHIA
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.3m(low voltage)
H05RN-F 3X1.0mm2 L=0.3m(High voltage)

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R7BC0129	1×12W COB	R3	25°	24V DC 120/240	24V = 576 120V = 112 240V = 64	24V = 13.8 120V = 14 240V = 14.1	Cool White = 834 Warm White = 809	05

PHOTOMETRIC CURVES



WALL MOUNTING
LANDSCAPE LIGHT



HOUSING COLOR OPTION



Sanded Brown
RAL 8019

Sanded Black
RAL 9005

Sanded White
RAL 9003

Beam Effect Wall Mounting Landscape Light



LED COLOUR TEMPERATURE

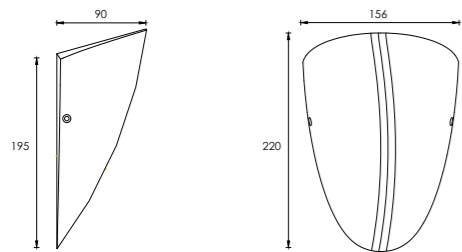
3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



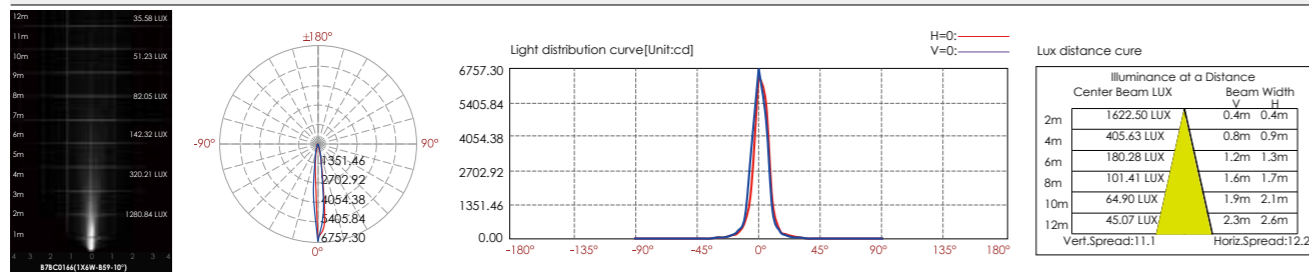
MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting dark grey powder coated aluminum T=60-80µm,Adhesion of ISO class 1/ASTM class 4B
FRONT COVER	12# Die-casting aluminum
LIGHT WINDOW	Tempered glass,T=3.5mm
LED	NICHIA
LED DRIVER	Constant Voltage Input,Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2X1.0mm ² L=0.3m(low voltage) H05RN-F 3X1.0mm ² L=0.3m(High voltage)

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B7BC0166	1×6W	B59	10°	120/240	120V = 108 240V = 61	120V = 7.8 240V = 8.3	Cool White = 500 Warm White = 444	05

PHOTOMETRIC CURVES



WALL MOUNTING
LANDSCAPE LIGHT



Above diagram effect shows a real simulation based on IES result and optical testing basis



HOUSING COLOR OPTION



Sanded Brown
RAL 8019

Sanded Black
RAL 9005

Sanded White
RAL 9003

Wall Mounting Landscape Light

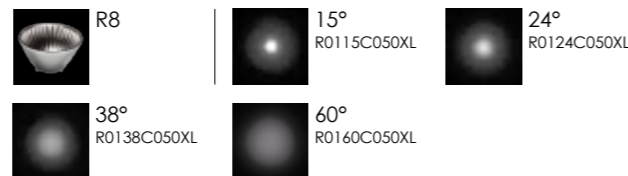
WALL MOUNTING
LANDSCAPE LIGHT



LED COLOUR TEMPERATURE

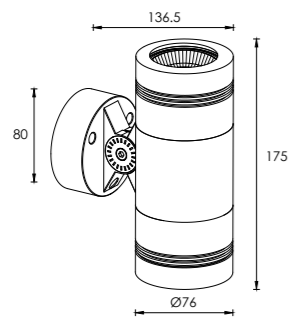
3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



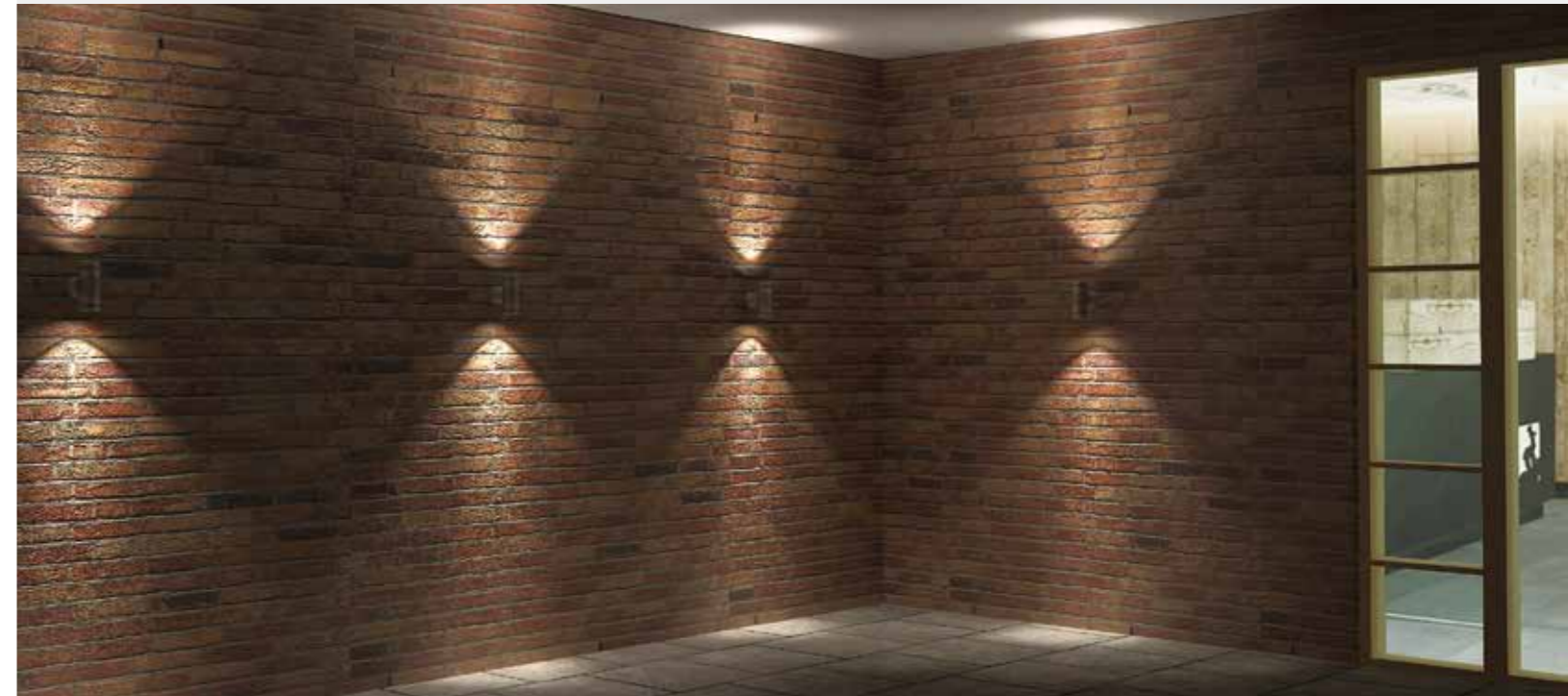
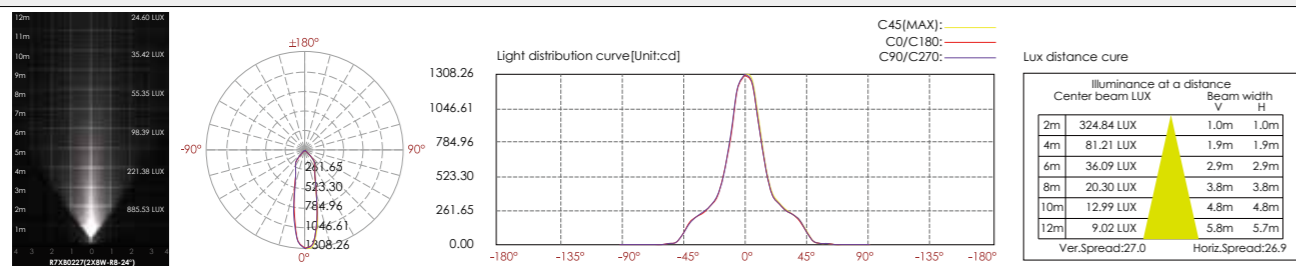
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
| T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- OPTICAL REFLECTOR** | Optical reflector efficiency ≥ 85%
- LIGHT WINDOW** | Tempered glass, T=4mm
- LED** | NICHIA
- OPERATING TEMPERATURE** | -20°C ~ 40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.3m (low voltage)
| H05RN-F 3X1.0mm² L=0.3m (high voltage)
- MOUNTING BASE** | casting aluminum

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
R7XB0227	2×8W COB	R8	24°	24V DC 120/240	24V = 822 120V = 182 240V = 103	24V = 19.7 120V = 21 240V = 21	Cool White = 932×2 Warm White = 845×2

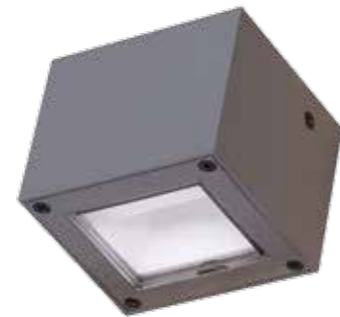
PHOTOMETRIC CURVES



HOUSING COLOR OPTION



Wall Mounting Landscape Light



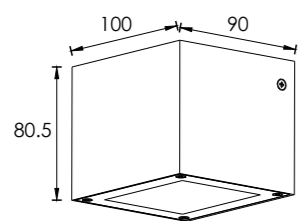
Single Side

LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



OPTICS

N/A

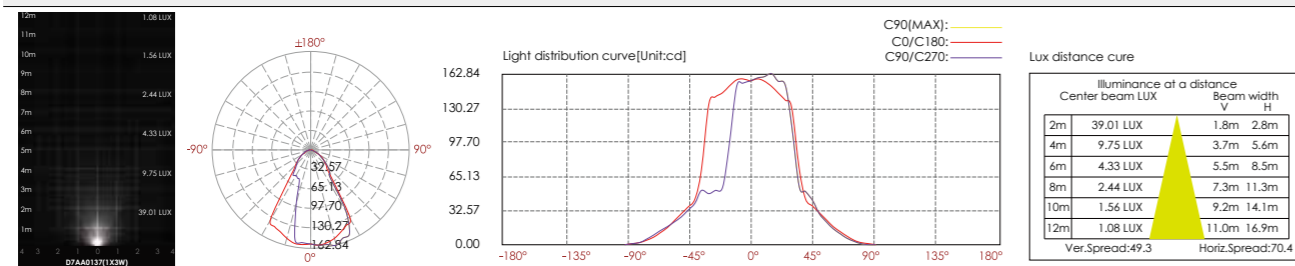
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80µm, Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | PC T=6mm
- GASKET** | Tooling shaped seal
- DRIVER** | Main voltage 100V-240V driver inside builded
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2×1.0mm² L=0.3m(low voltage)
H05RN-F 3×1.0mm² L=0.3m(high voltage)

TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D7AA0137	1×3W NICHIA	24V DC 120/240	24V = 134 120V = 36 240V = 22	24V = 3.1 120V = 4.4 240V = 4.5	155	06

PHOTOMETRIC CURVES



WALL MOUNTING
LANDSCAPE LIGHT



HOUSING COLOR OPTION



Sanded Brown
RAL 8019

Sanded Black
RAL 9005

Sanded White
RAL 9003

Wall Mounting Landscape Light



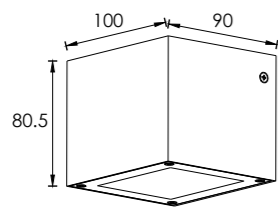
Single Side

LED COLOUR TEMPERATURE

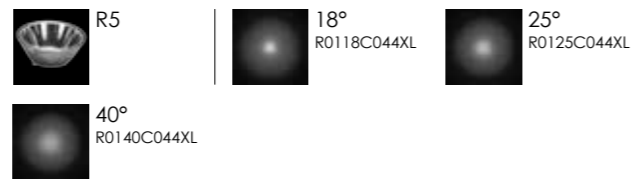
3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



OPTICS



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80µm, Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | PC T=6mm
- GASKET** | Tooling shaped seal
- DRIVER** | Main voltage 100V-240V driver inside builded
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2×1.0mm² L=0.3m(low voltage)
H05RN-F 3×1.0mm² L=0.3m(high voltage)

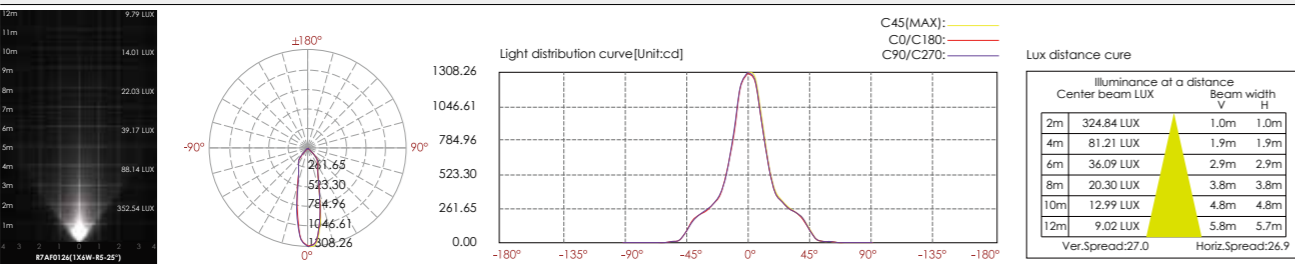
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R7AF0126	1×6W COB	R5	25°	24V DC 120/240	24V = 270	24V = 6.5	Cool White = 745 Warm White = 651	06
					120V = 65	120V = 7.7		
					240V = 37	240V = 7.8		

PHOTOMETRIC CURVES



WALL MOUNTING
LANDSCAPE LIGHT

Wall Mounting Landscape Light



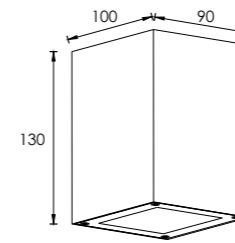
Double side

LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



OPTICS

N/A

MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80µm, Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | PC T=6mm
- GASKET** | Tooling shaped seal
- DRIVER** | Main voltage 100V-240V driver inside builded
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2×1.0mm² L=0.3m(low voltage)
H05RN-F 3×1.0mm² L=0.3m(high voltage)

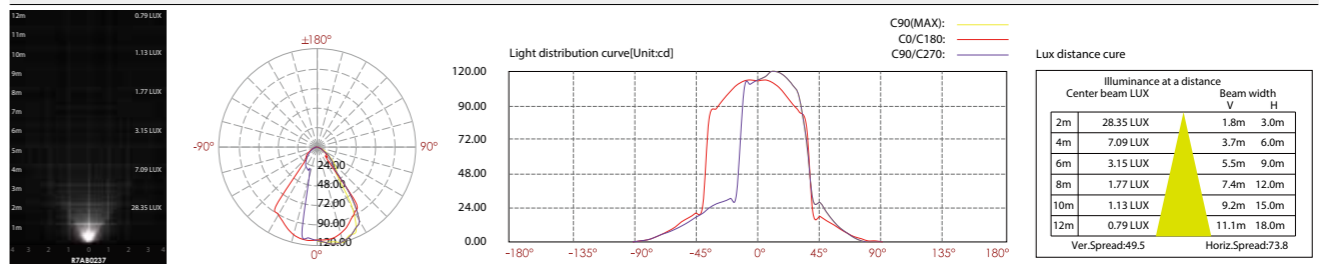
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D7AB0237	2×3W NICHIA	24V DC 120/240	24V = 268	24V = 6.2	2×155	06
			120V = 73	120V = 8.5		
			240V = 42	240V = 8.6		

PHOTOMETRIC CURVES



Wall Mounting Landscape Light



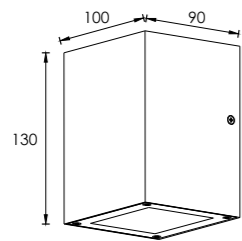
Double Side

LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



OPTICS

N/A

MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80µm, Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | PC T=6mm
- GASKET** | Tooling shaped seal
- DRIVER** | Main voltage 100V-240V driver inside builded
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2×1.0mm² L=0.3m(low voltage)
H05RN-F 3×1.0mm² L=0.3m(high voltage)

HOUSING COLOR OPTION



Dark Grey
RAL 7037



Sanded White
RAL 9003

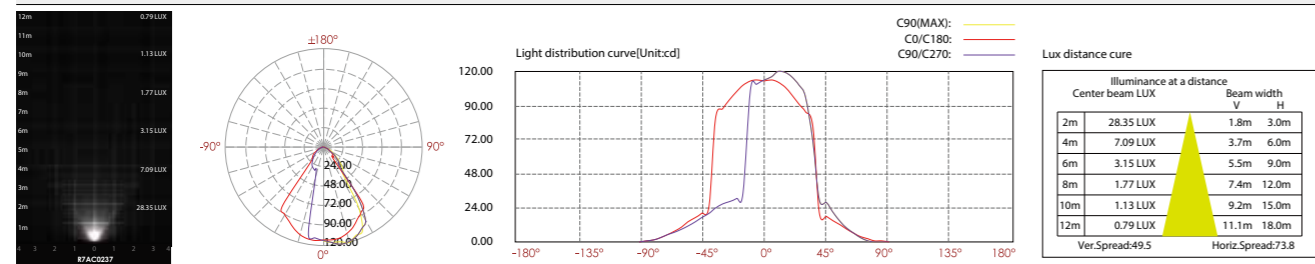


Sanded Black
RAL9005

TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	IK
D7AC0237	2×3W NICHIA	24V DC 120/240	24V = 268 120V = 138 240V = 73	24V = 6.2 120V = 8.5 240V = 8.6	06

PHOTOMETRIC CURVES



WALL MOUNTING
LANDSCAPE LIGHT

Wall Mounting Landscape Light



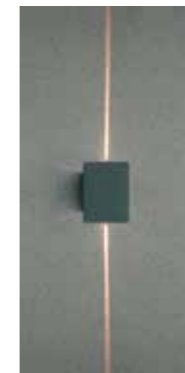
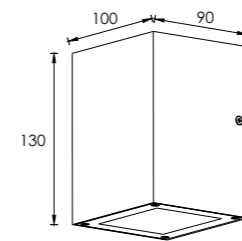
Double Side

LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



OPTICS

N/A

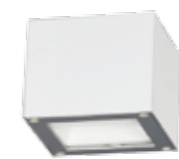
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80µm, Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | PC T=6mm
- GASKET** | Tooling shaped seal
- DRIVER** | Main voltage 100V-240V driver inside builded
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2×1.0mm² L=0.3m(low voltage)
H05RN-F 3×1.0mm² L=0.3m(high voltage)

HOUSING COLOR OPTION



Dark Grey
RAL 7037



Sanded White
RAL 9003

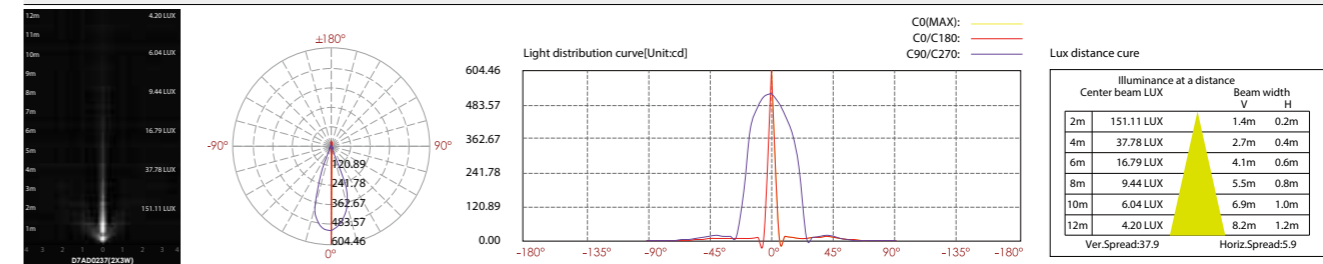


Sanded Black
RAL9005

TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	IK
D7AD0237	2×3W NICHIA	24V DC 120/240	24V = 268 120V = 73 240V = 42	24V = 6.2 120V = 8.5 240V = 8.6	06

PHOTOMETRIC CURVES



Wall Mounting Landscape Light

WALL MOUNTING
LANDSCAPE LIGHT

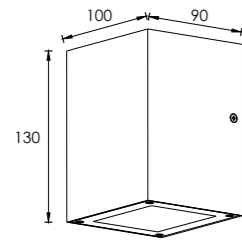


LED COLOUR TEMPERATURE

3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



OPTICS



R5



18°
R0118C044XL



25°
R0125C044XL



40°
R0140C044XL

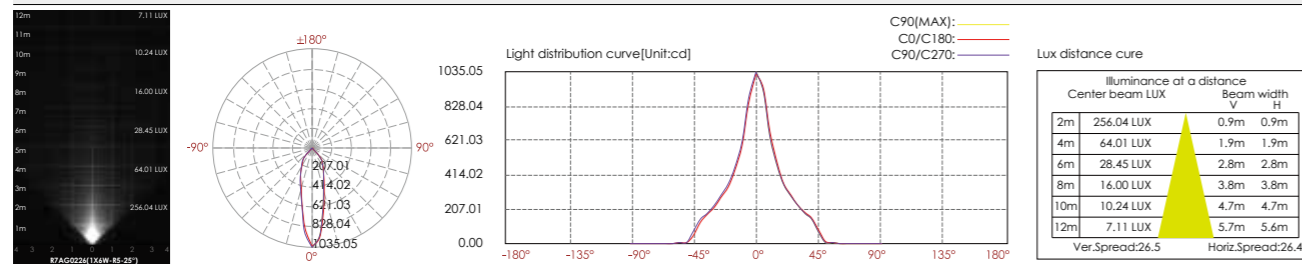
MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting dark grey powder coated aluminum T=60-80µm, Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	PC T=6mm
GASKET	Tooling shaped seal
DRIVER	Main voltage 100V-240V driver inside builded
OPERATING TEMPERATURE	-20°C~40°C
MOUNTING BASE	H05RN-F 2×1.0mm ² L=0.3m(low voltage) H05RN-F 3×1.0mm ² L=0.3m(high voltage)

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R7AG0226	2×6W COB	R5	25°	24V DC 120/240	24V = 540 120V = 130 240V = 74	24V = 13 120V = 15.4 240V = 15.6	Cool White = 2x745 Warm White = 2x651	06

PHOTOMETRIC CURVES



HOUSING COLOR OPTION



Sanded Brown
RAL 8019

Sanded Black
RAL 9005

Sanded White
RAL 9003

Wall Mounting Landscape Lamp



Single Side

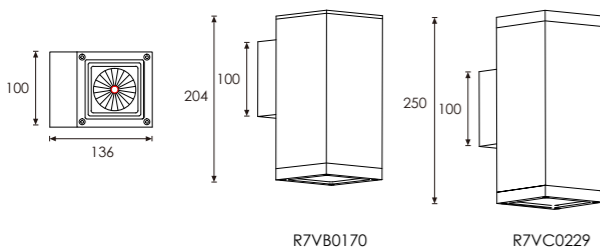
Double side

LED COLOUR TEMPERATURE

3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



R7VB0170

R7VC0229

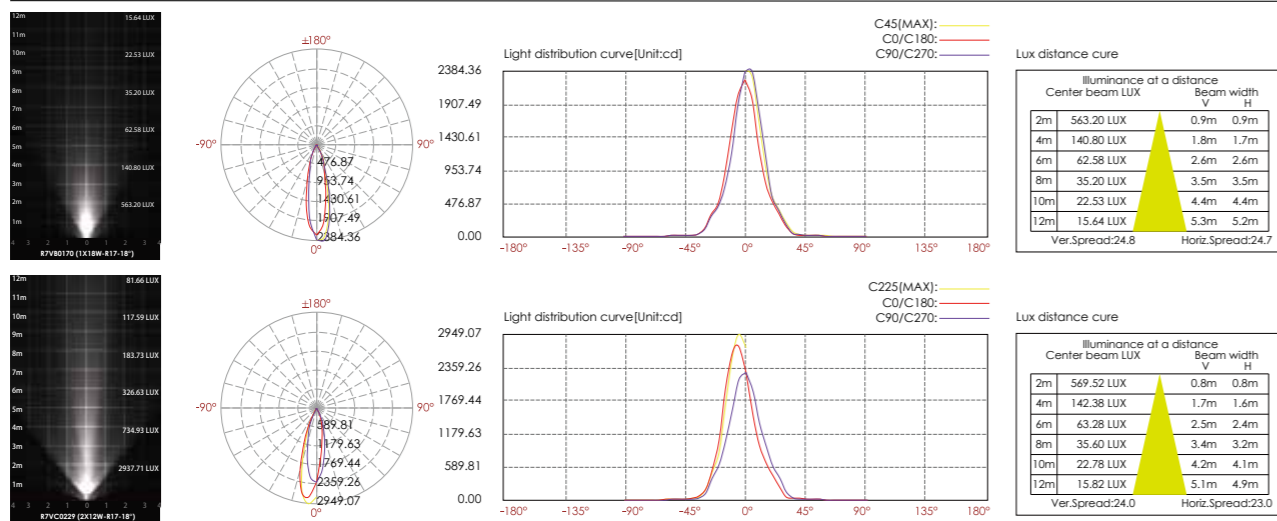
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum.
| T=60-80µm, Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | Glass T=3mm
- GASKET** | Tooling shaped seal
- LED DRIVER** | Main voltage 100V-240V driver inside builded
- LED** | NICHIA
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2×1.0mm² L=0.3m(low voltage)
| H05RN-F 3×1.0mm² L=0.3m(high voltage)

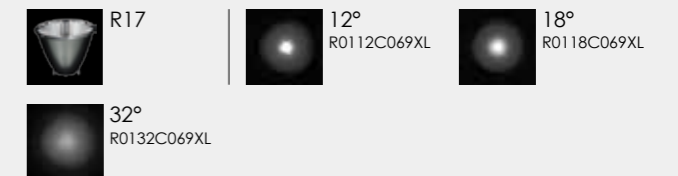
TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R7VB0170	1×18W COB	R17	18°	24V DC	24V = 833	24V = 20	Cool White = 1766 Warm White = 1705	06
				120V/240	120V = 178	120V = 20		
					240V = 96	240V = 21		
R7VC0229	2×12W COB	R17	18°	24V DC	24V = 1080	24V = 26	Cool White = 1303x2 Warm White = 1251x2	06
				120V/240	120V = 211	120V = 26.5		
					240V = 116	240V = 26		

PHOTOMETRIC CURVES



OPTICS



HOUSING COLOR OPTION



Single Side Wall Mounting Landscape Lamp

WALL MOUNTING
LANDSCAPE LIGHT



R7AH0128

R7BH0170

R7CH0173

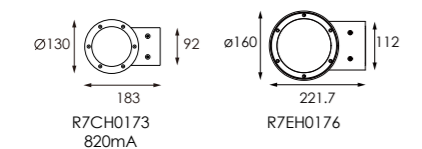
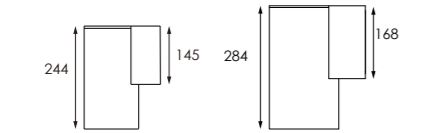
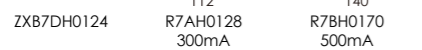
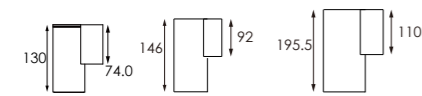


LED COLOUR TEMPERATURE

3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

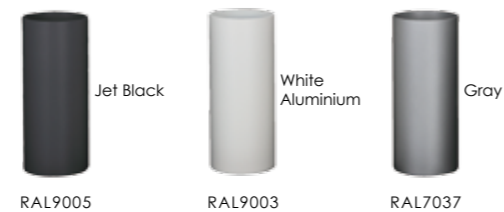
Unit:mm



MATERIAL SPECIFICATIONS

HOUSING MATERIAL	Extruded aluminum alloy #6063 Powder coating ,T= 60-80 um./Adhesion of ISO
PAINTING	I class 1/ASTM class 4B
REFLECTOR	I Optical reflector. efficiency≥85%
LED	I NICHIA
OPERATING TEMPERATURE	I -20°C~ 40°C
POWER CABLE	H05RN-F 2X1.0mm ² L=0.3m(low voltage) H05RN-F 3X1.0mm ² L=0.3m(High voltage)
WEIGHT	I R7AH0128=1.0kg R7BH0170=1.9kg R7CH0173=2.5kg

HOUSING COLOR OPTION



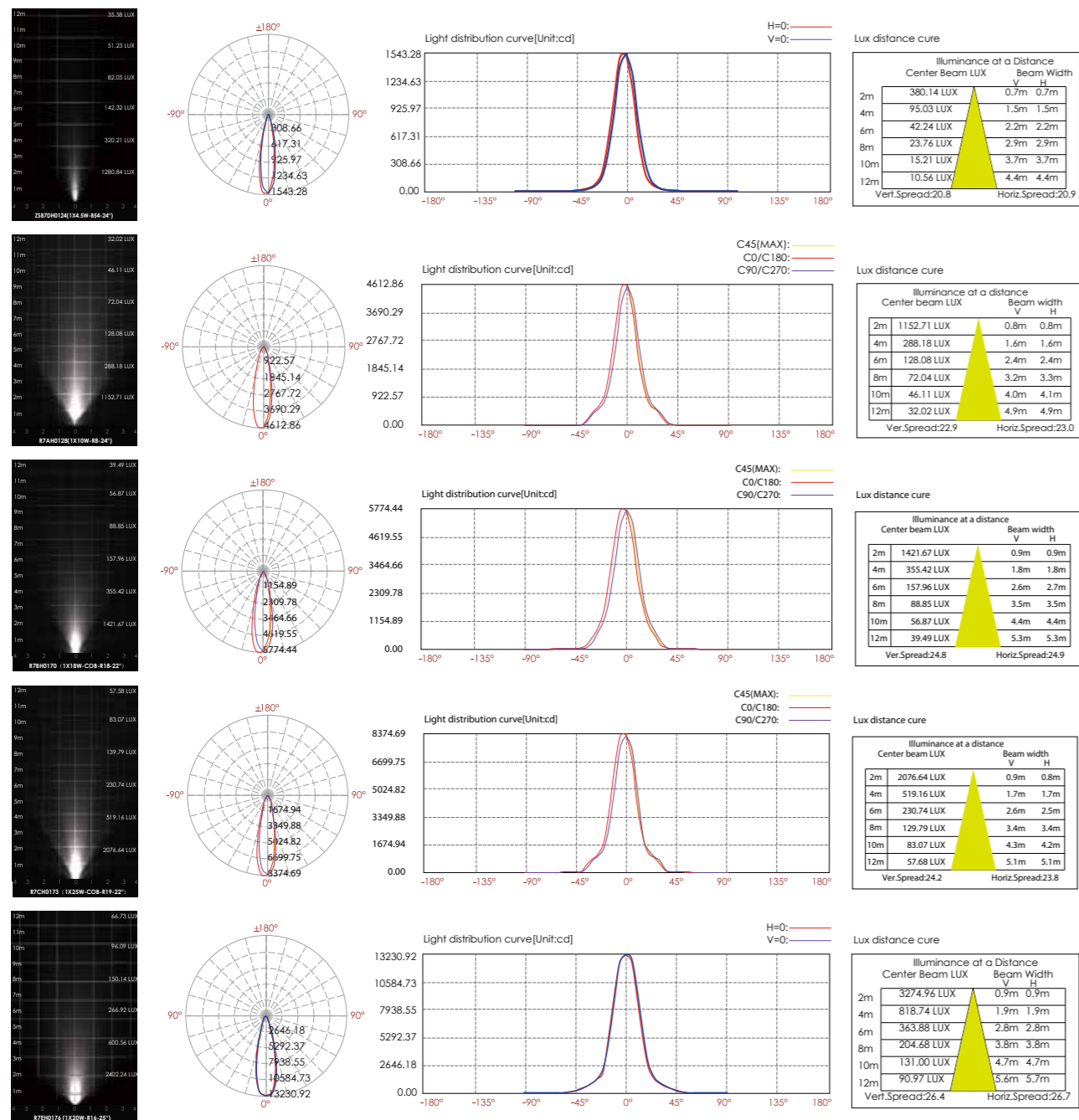
OPTICS

R8	15° R0115C050XL	24° R0124C050XL	38° R0138C050XL	60° R0160C050XL
R18	12° R0112C075XL	22° R0122C075XL	35° R0135C075XL	55° R0155C075XL
R19	10° R0110C095XL	22° R0122C095XL	38° R0138C095XL	
B54	15° L0115F035LK	24° L0124S035LK	38° L0138S035LK	
R16	12° R0112C110XL	25° R0125C110XL	38° R0138C110XL	

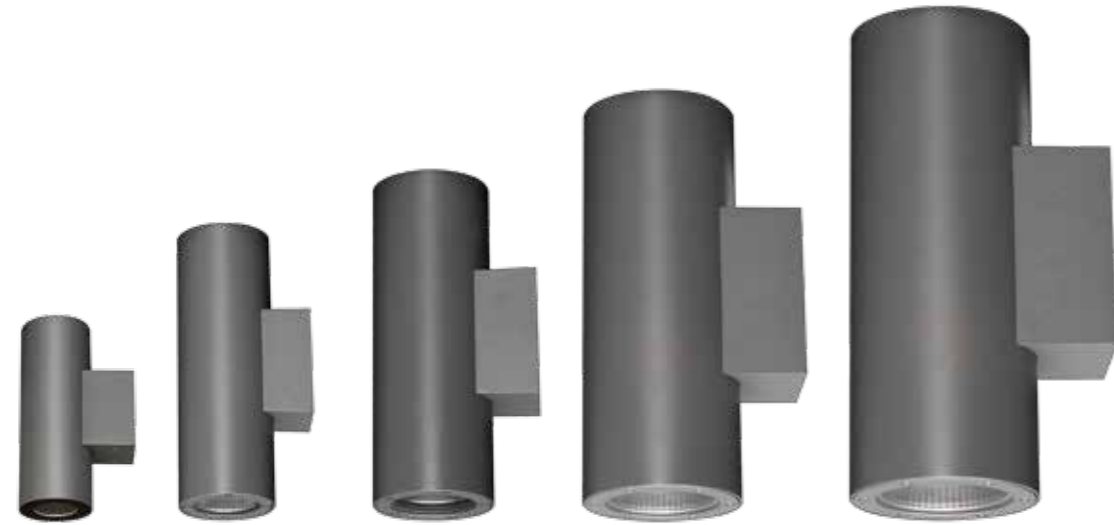
TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
ZSB7DH0124	1×4.5W COB		B54	24°	24V DC 240	24V = 233 240V = 43	120V = 5.6 240V = 6	Warm White = 254	05
R7AH0128	1×10W COB	R8		24°	24V DC 120/240	24V = 480 120V = 112 240V = 63	24V = 11.5 120V = 13.1 240V = 13.5	Cool White = 1335 Warm White = 1170	10
R7BH0170	1×18W COB	R18		22°	24V DC 120/240	24V = 833 120V = 178 240V = 96	24V = 20 120V = 20 240V = 21.4	Cool White = 1684 Warm White = 1432	10
R7CH0173	1×25W COB	R19		22°	24V DC 120/240	24V = 1080 120V = 270 240V = 146	24V = 26 120V = 30 240V = 31	Cool White = 2615 Warm White = 2412	10
R7EH0176	1×40W COB	R16		25°	120/240	120V = 372 240V = 187	120V = 44.8 240V = 44.5	Cool White = 4112 Warm White = 3808	06

PHOTOMETRIC CURVES



Double side Wall Mounting Landscape Lamp

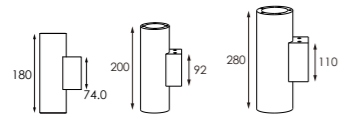


LED COLOUR TEMPERATURE

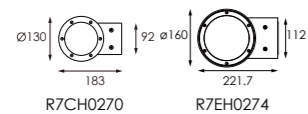
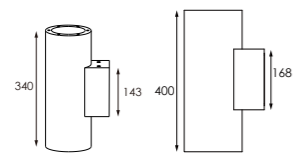
3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



ZSB7DH0224 R7AH0227 R7BH0229



R7CH0270 R7EH0274

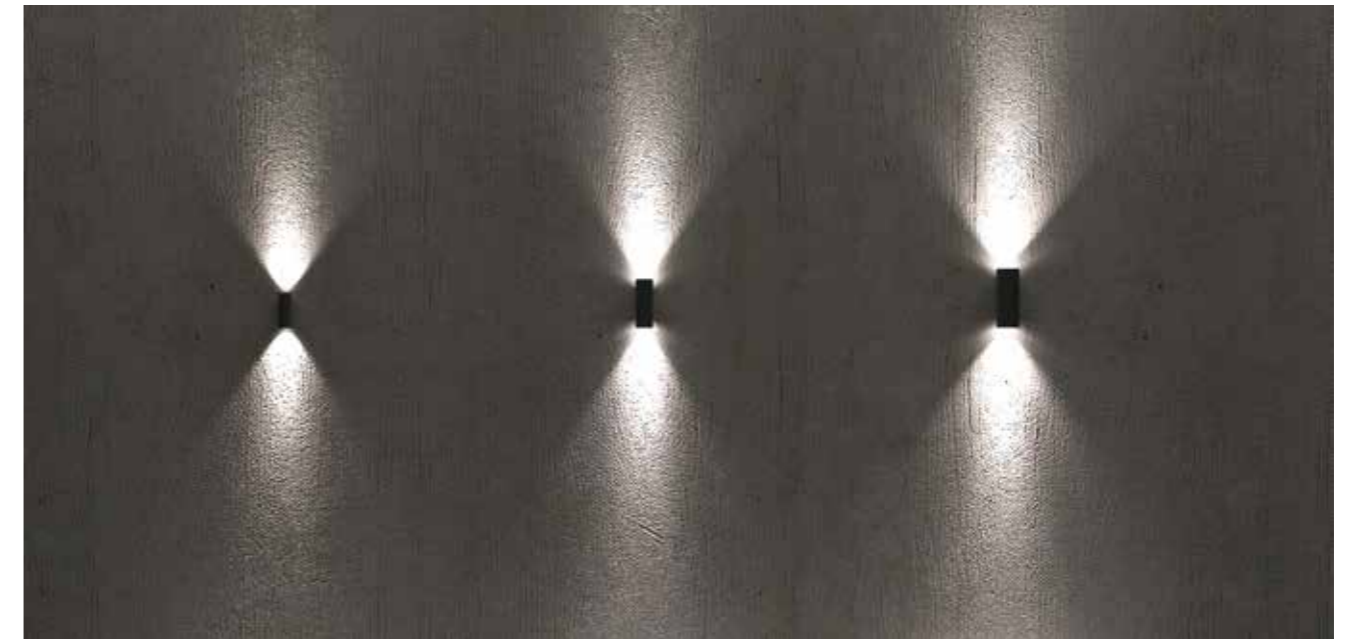
MATERIAL SPECIFICATIONS

HOUSING MATERIAL	Extruded aluminum alloy #6063; Powder coating ,T= 60-80 um./Adhesion of ISO
PAINTING	I class 1/ASTM class 4B
REFLECTOR	I Optical reflector. efficiency≥85%
LIGHT SOURCE	I NICHIA
OPERATING TEMPERATURE	I -20°C~ 40°C
POWER CABLE	H05RN-F 2X1.0mm ² L=0.3m(low voltage) H05RN-F 3X1.0mm ² L=0.3m(High voltage)
WEIGHT	I R7AH0227=1.4kg R7BH0229=2.7kg R7CH0270=4.6kg

HOUSING COLOR OPTION



WALL MOUNTING
LANDSCAPE LIGHT



R7AH0227

R7BH0229

R7CH0270

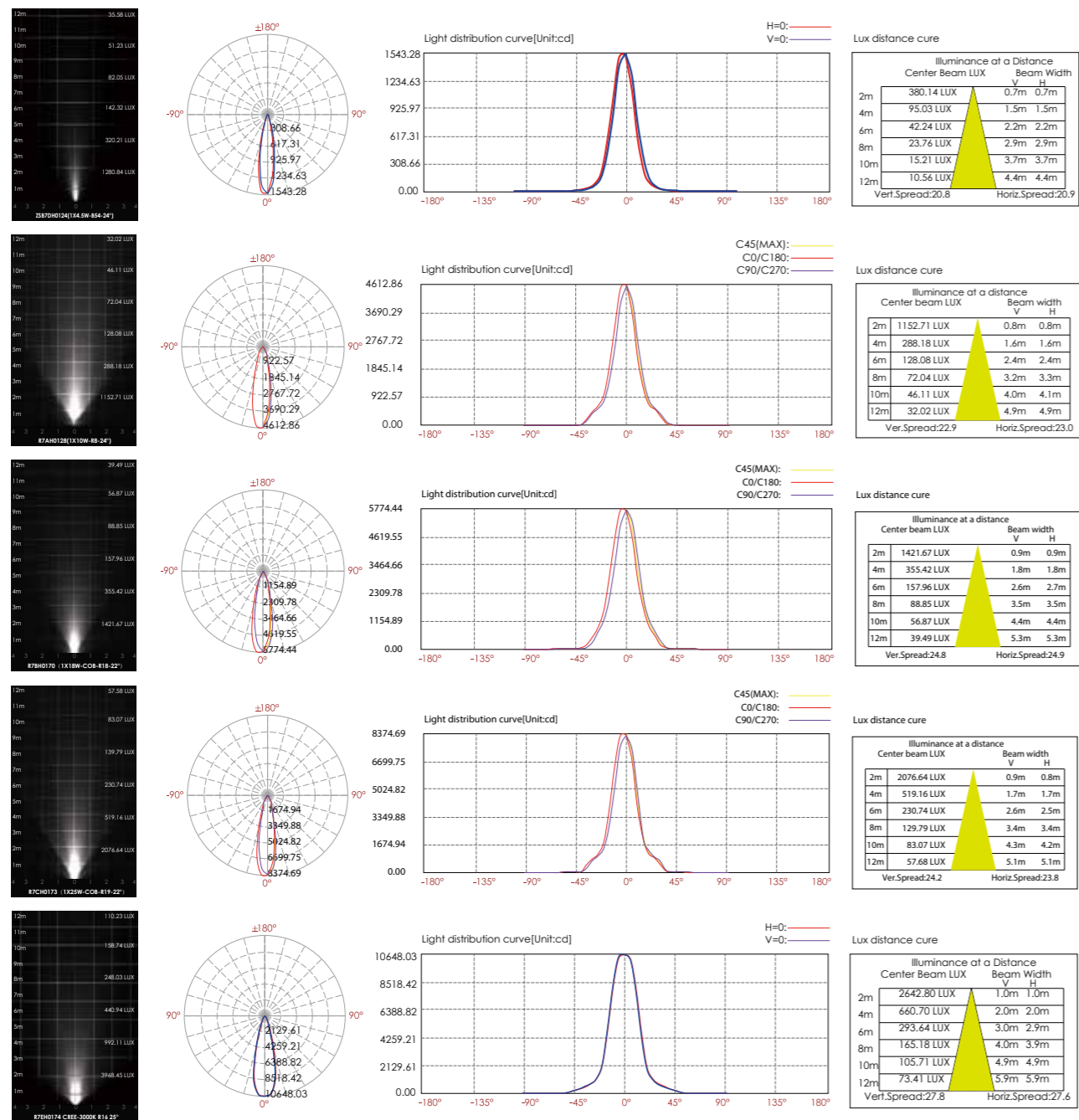
OPTICS

R8	15° R0115C050XL	24° R0124C050XL	38° R0138C050XL	60° R0160C050XL
R18	12° R0112C075XL	22° R0122C075XL	35° R0135C075XL	55° R0155C075XL
R19	10° R0110C095XL	22° R0122C095XL	38° R0138C095XL	
B54	15° L0115F035LK	24° L0124S035LK	38° L0138S035LK	
R16	12° R0112C110XL	25° R0125C110XL	38° R0138C110XL	

TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
ZSB7DH0224	2×4.5W COB		B54	24°	24V DC 240V	24V = 479 240V = 81	24V = 11.5 240V = 12	Warm White = 254x2	05
R7AH0227	2×8W COB	R8		24°	24V DC 120/240	24V = 832 120V = 163 240V = 91	24V = 20 120V = 20 240V = 20.8	Cool White = 1053x2 Warm White = 986x2	10
R7BH0229	2×12W COB	R18		22°	24V DC 120/240	24V = 1080 120V = 210 240V = 116	24V = 26 120V = 25.5 240V = 25	Cool White = 1289x2 Warm White = 1079x2	10
R7CH0270	2×18W COB	R19		22°	24V DC 120/240	24V = 1660 120V = 340 240V = 182	24V = 40 120V = 40.5 240V = 42	Cool White = 1795x2 Warm White = 1617x2	10
R7EH0274	2×30W COB	R16		25°	120/240	120V = 540 240V = 292	120V = 60 240V = 62	Cool White = 3400x2 Warm White = 3177x2	06

PHOTOMETRIC CURVES



Wall Mounting Landscape Light



WALL MOUNTING
LANDSCAPE LIGHT



Surface mounted by 141# sleeve

OPTICS

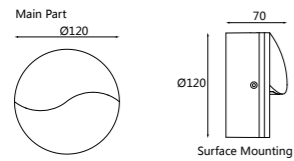
N/A

LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



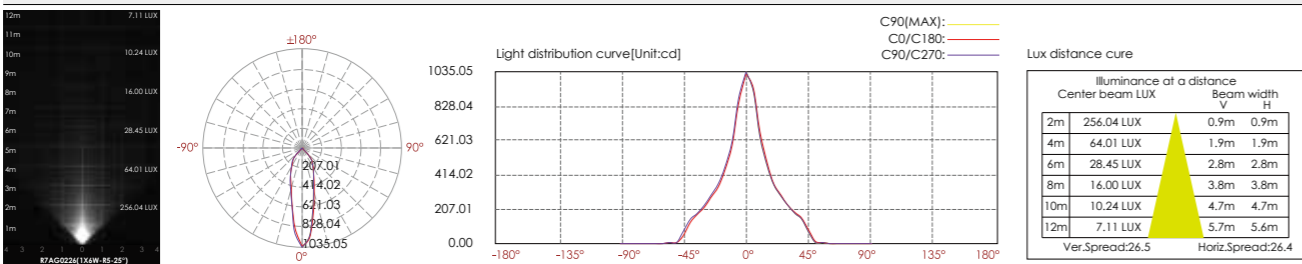
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80μm, Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | PC T=6mm
- GASKET** | Tooling shaped seal
- DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 3×1.0mm² L=0.3m (high voltage)

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS DEGREE(°)@1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
D7AJ0634	6×0.5W NICHIA	97°×49°	240	26	3	36

PHOTOMETRIC CURVES



HOUSING COLOR OPTION

Basic



Dark Grey
KAP 7037

Secondary



Silver Resistant Paint
RAL 9006



Sanded Black
RAL9005

Wall Mounting Landscape Light



WALL MOUNTING
LANDSCAPE LIGHT



Surface mounted by 141# sleeve

OPTICS

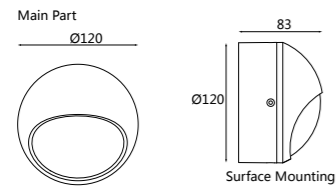
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LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



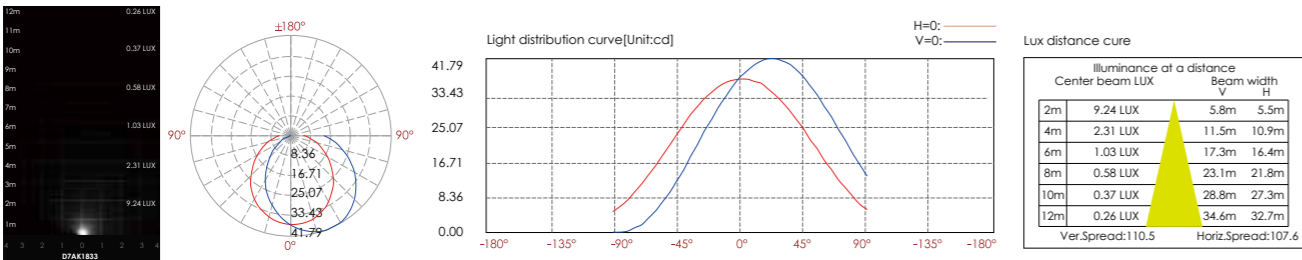
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80μm, Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | PC T=6mm
- GASKET** | Tooling shaped seal
- DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 3×1.0mm² L=0.3m (high voltage)

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
D7AK1833	18×0.15W NICHIA	110°	240	24	3	117

PHOTOMETRIC CURVES



HOUSING COLOR OPTION

Basic



Dark Grey
KAP 7037

Secondary



Silver Resistant Paint
RAL 9006



Sanded Black
RAL9005

Wall Mounting Landscape Light



WALL MOUNTING
LANDSCAPE LIGHT



Surface mounted by 141# sleeve

LED COLOUR TEMPERATURE

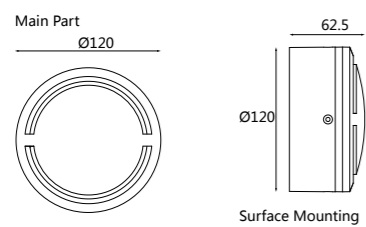
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



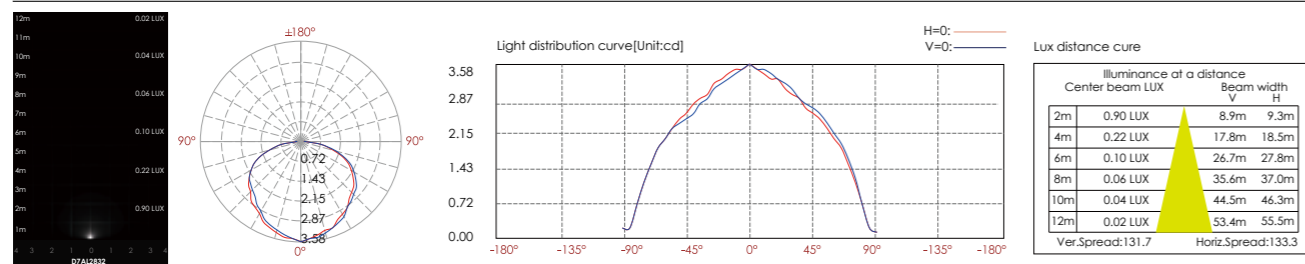
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80μm, Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | PC T=6mm
- GASKET** | Tooling shaped seal
- DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 3×1.0mm² L=0.3m (high voltage)

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
D7AL2832	28×0.1W NICHIA	130	240	14	3	12

PHOTOMETRIC CURVES



HOUSING COLOR OPTION

Basic



Dark Grey
KAP 7037

Secondary



Silver Resistant Paint
RAL 9006



Sanded Black
RAL9005

Wall Mounting Landscape Light



WALL MOUNTING
LANDSCAPE LIGHT



Surface mounted by 141# sleeve

LED COLOUR TEMPERATURE

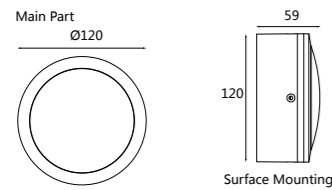
2000K · 3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



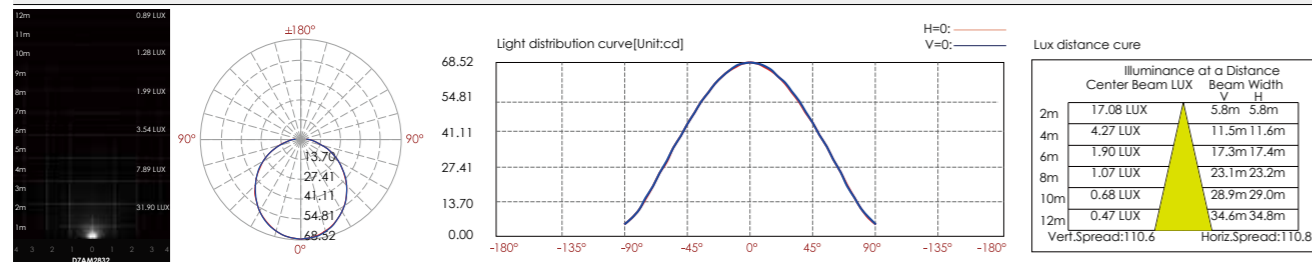
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80µm.Achesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | PC T=6mm
- GASKET** | Tooling shaped seal
- DRIVER** | Constant Voltage Input,Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 3×1.0mm² L=0.3m(high voltage)

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
D7AM2832	28×0.1W NICHIA	110	240	14	3	196

PHOTOMETRIC CURVES



HOUSING COLOR OPTION

Basic



Dark Grey
KAP 7037

Secondary



Silver Resistant Paint
RAL 9006



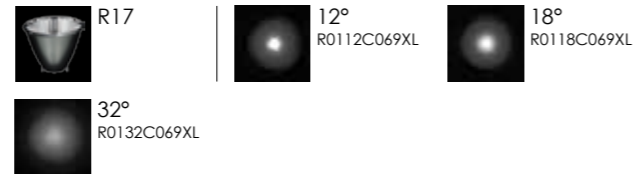
Sanded Black
RAL9005

Wall Mounting Ceiling Down Light

LED COLOUR TEMPERATURE

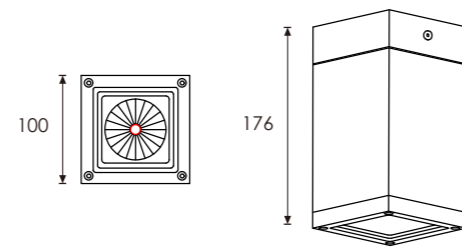
3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

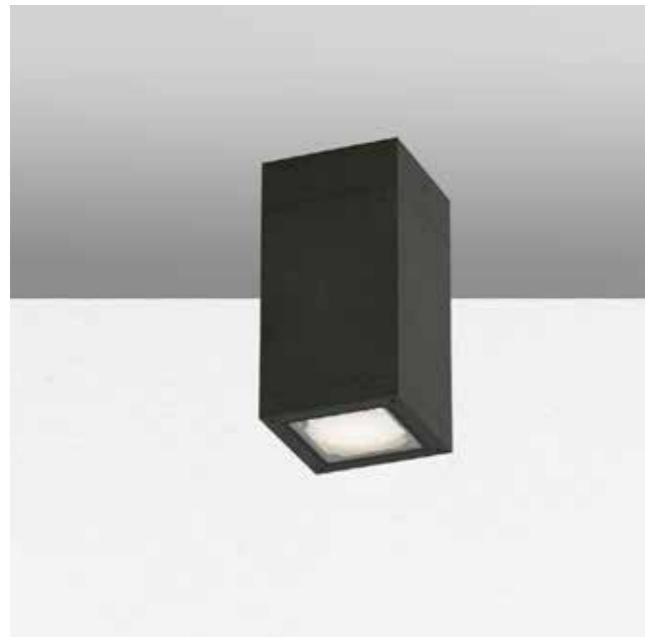
Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING MATERIAL** | Extruded aluminum alloy #6063
- PAINTING** | Powder coating ,T= 60-80 um./Adhesion of ISO class 1/ASTM class 4B
- REFLECTOR** | Optical reflector. efficiency≥85%
- LED** | NICHIA
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.3m(Low voltage)
H05RN-F 3X1.0mm² L=0.3m(High voltage)
- OPERATING TEMPERATURE** | -20°C~40°C

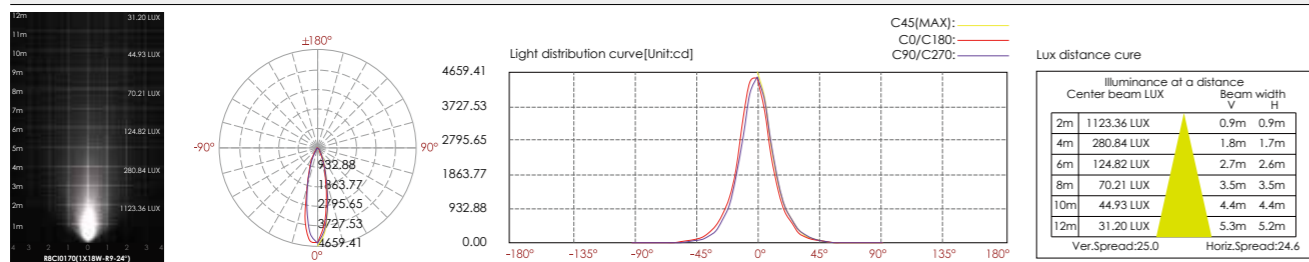
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R8VA0170	1×18W COB	R17	18°	24V DC 120/240	24V = 833 120V = 178 240V = 96	24V = 20 120V = 20 240V = 21	Cool White = 1766 Warm White = 1705	06

PHOTOMETRIC CURVES



Wall Mounting Ceiling Down Light

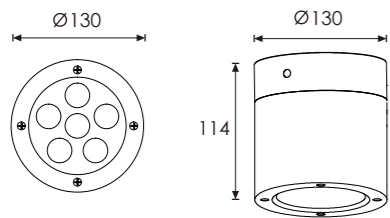


LED COLOUR TEMPERATURE

3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING MATERIAL** | Extruded aluminum alloy #6063
- PAINTING** | Powder coating ,T= 60-80 um./Adhesion of ISO class 1/ASTM class 4B
- REFLECTOR** | Optical reflector, efficiency≥85%
- LED** | NICHIA
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.3m(low voltage)
H05RN-F 3X1.0mm2 L=0.3m(High voltage)
- OPERATING TEMPERATURE** | -20°C~40°C

OPTICS

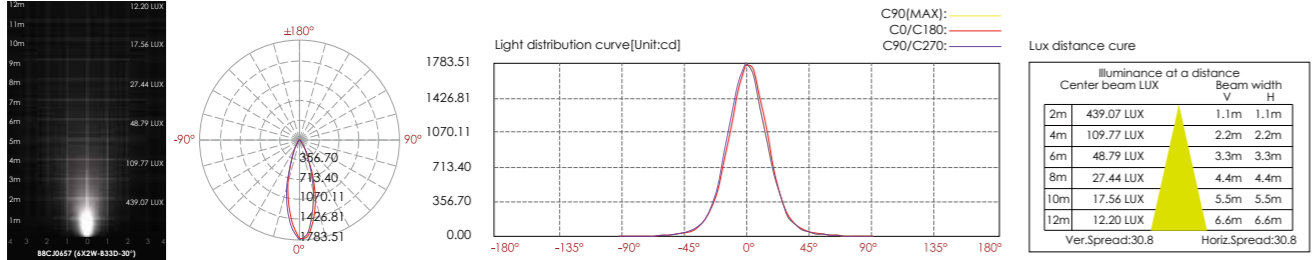
B33 (B33D/B33F)

- 9° L0109F023YH
- 15° L0115D023YH
- 20° L0120D023YH
- 30° L0130D023YH
- 45° L0145D023YH
- 60° L0160D023MD

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B8CJ0657	6×2W	B33D	30°	24V DC 120/240	24V = 562 120V = 100 240V = 56	24V = 13.5 120V = 12 240V = 12.2	Cool White = 830 Warm White = 681	06

PHOTOMETRIC CURVES



CEILING DOWN LIGHT



Beam Effect Demo

HOUSING COLOR OPTION



COB Wall Mounting Ceiling Down Light

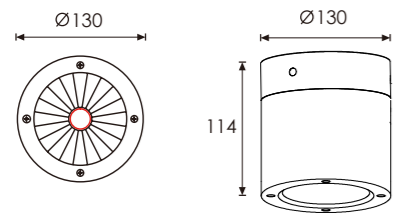


LED COLOUR TEMPERATURE

3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



OPTICS



R27



10°
R0110C075XL

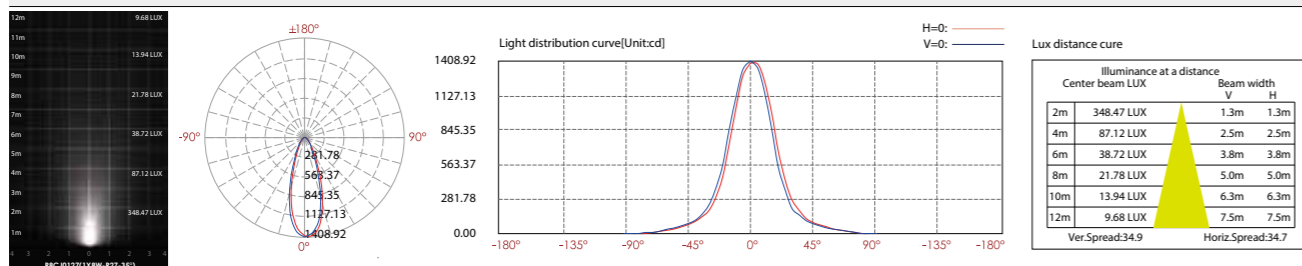
MATERIAL SPECIFICATIONS

- HOUSING MATERIAL** | Extruded aluminum alloy #6063
- PAINTING** | Powder coating, T= 60-80 um./Adhesion of ISO class 1/ASTM class 4B
- REFLECTOR** | Optical reflector. efficiency≥85%
- LED** | NICHIA
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.3m(low voltage)
H05RN-F 3X1.0mm² L=0.3m(High voltage)
- OPERATING TEMPERATURE** | -20°C~40°C

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R8CJ0127	1×8W COB	R27	35°	24V DC 120/240	24V = 411 120V = 88 240V = 50	24V = 9.8 120V = 10.8 240V = 10.8	Cool White = 850 Warm White = 896	06

PHOTOMETRIC CURVES



CEILING DOWN LIGHT



Beam Effect demo

HOUSING COLOR OPTION



Dark Grey
RAL 7037



Sanded White
RAL 9003



Sanded Black
RAL9005

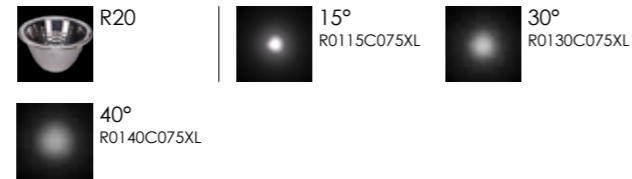
Wall Mounting Ceiling Down Light



LED COLOUR TEMPERATURE

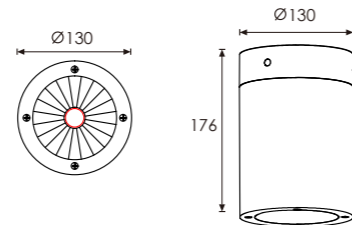
3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING MATERIAL** | Extruded aluminum alloy #6063
- PAINTING** | Powder coating ,T= 60-80 um./Adhesion of ISO class 1/ASTM class 4B
- REFLECTOR** | Optical reflector, efficiency≥85%
- LIGHT SOURCE** | NICHIA
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.3m(low voltage)
| H05RN-F 3X1.0mm² L=0.3m(High voltage)
- OPERATING TEMPERATURE** | -20°C~40°C

HOUSING COLOR OPTION



Dark Grey RAL 7037 Sanded White RAL 9003 Sanded Black RAL9005

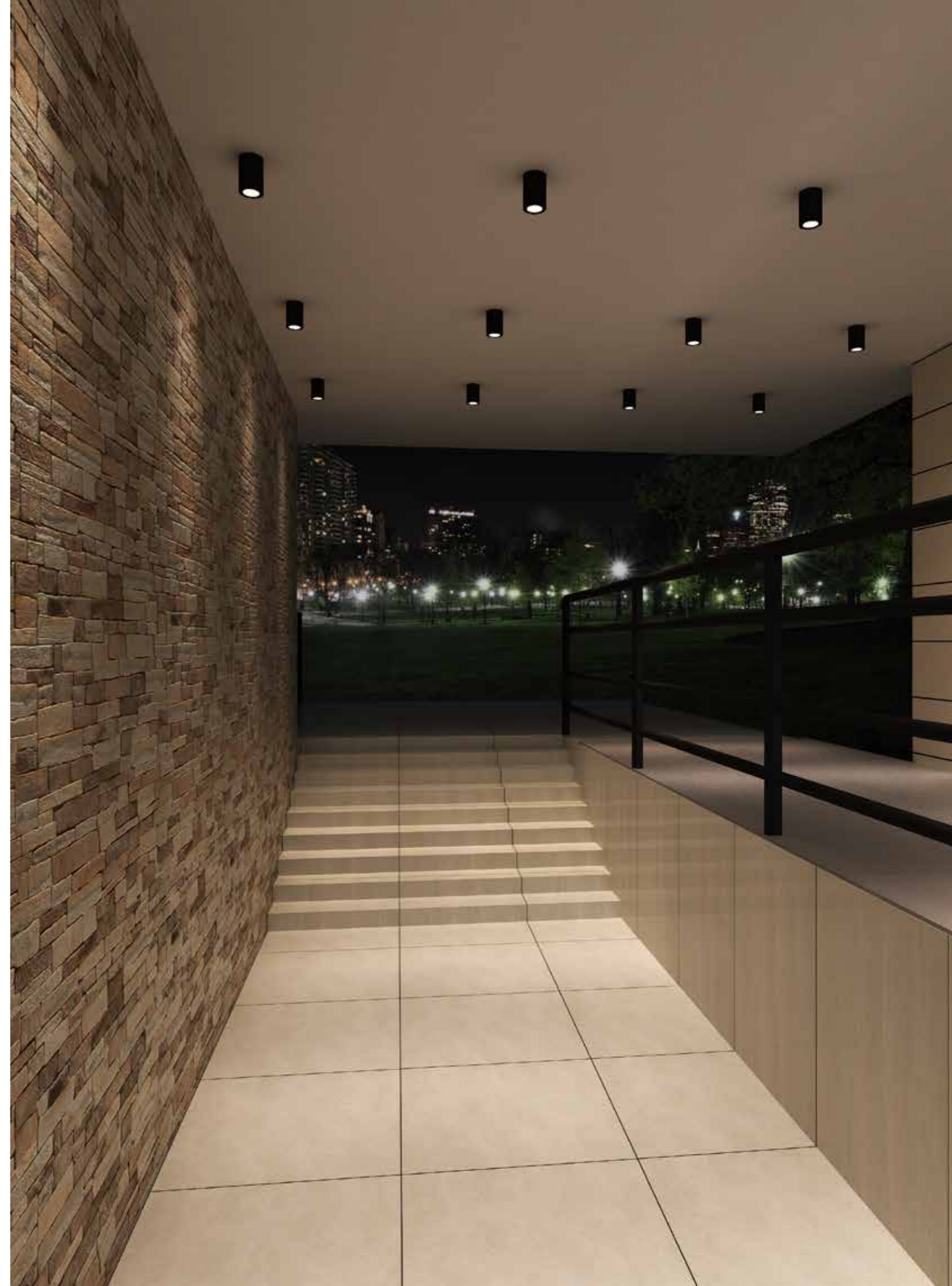
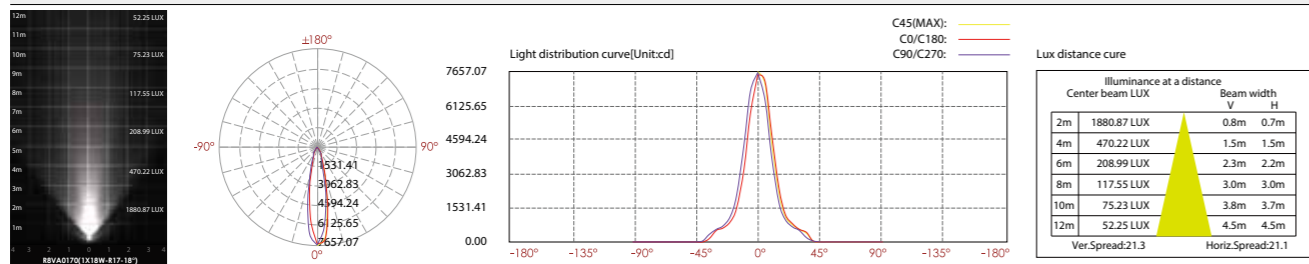


Beam Effect Demo

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R8CI0170	1×18W	R20	30°	24V DC 120/240	24V = 840 120V = 172 240V = 91	24V = 20.4 120V = 20.6 240V = 20.9	Cool White = 2400 Warm White = 2105	06

PHOTOMETRIC CURVES



Wall Mounting Ceiling Down Light

CEILING DOWN LIGHT

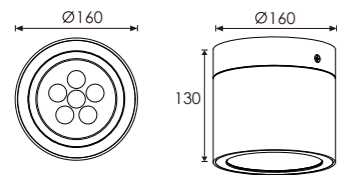


LED COLOUR TEMPERATURE

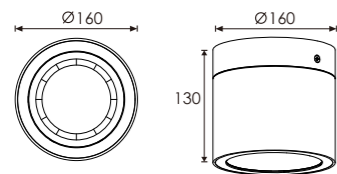
3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



B8EJ0658



B8EJ0171

MATERIAL SPECIFICATIONS

HOUSING MATERIAL	Extruded aluminum alloy #6063
PAINTING	Powder coating ,T= 60-80 um./Adhesion of ISO class 1/ASTM class 4B
REFLECTOR	Optical reflector, efficiency≥85%
LED	NICHIA
POWER CABLE	H05RN-F 2X1.0mm2 L=0.3m(low voltage) H05RN-F 3X1.0mm2 L=0.3m(High voltage)
OPERATING TEMPERATURE	-20°C~40°C

HOUSING COLOR OPTION

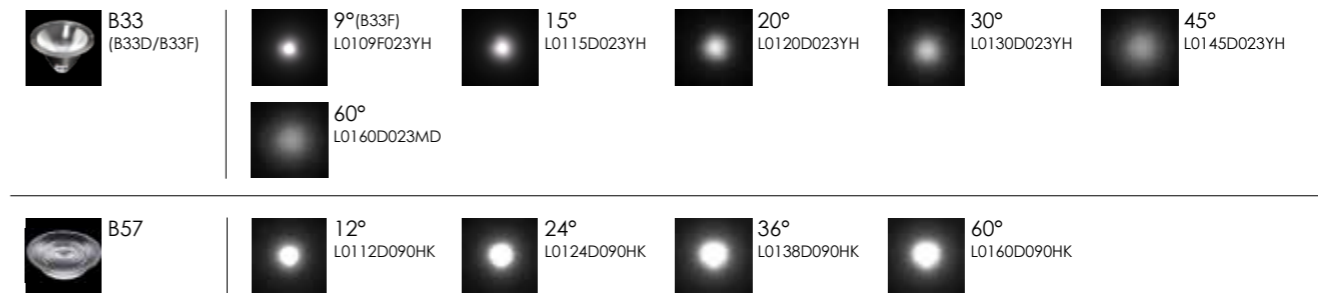


Dark Grey
RAL 7037

Sanded White
RAL 9003

Sanded Black
RAL9005

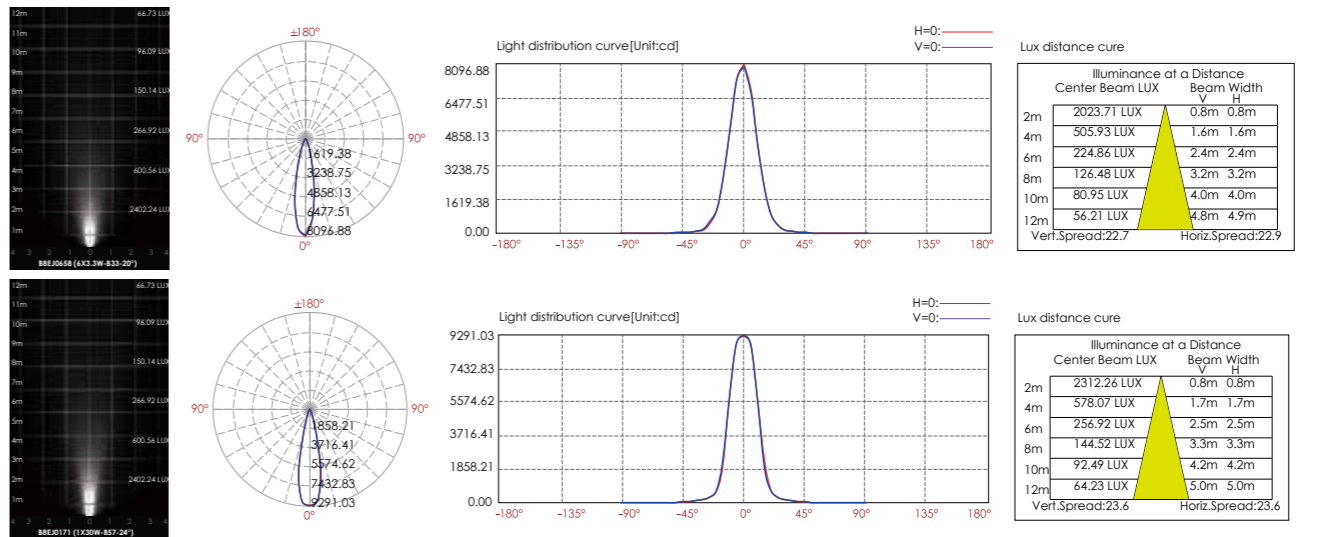
OPTICS



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B8EJ0658	6×3.3W	B33D	20°	120/240	120V = 196 240V = 101	120V = 23.1 240V = 23.3	Cool White = 1718 Warm White = 1591	06
B8EJ0171	1×20W COB	B57	24°	24V DC 120/240	24V = 960 120V = 205 240V = 108	24V = 23 120V = 23.5 240V = 24.2	Cool White = 1865 Warm White = 1727	06

PHOTOMETRIC CURVES



Wall Mounting Ceiling Down Light

CEILING DOWN LIGHT

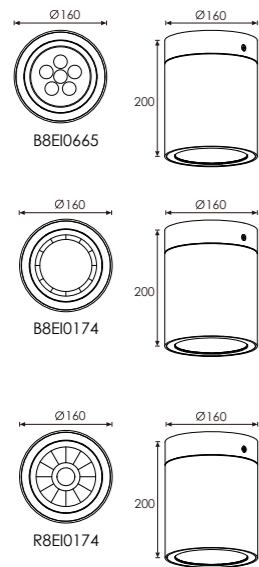


LED COLOUR TEMPERATURE

3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



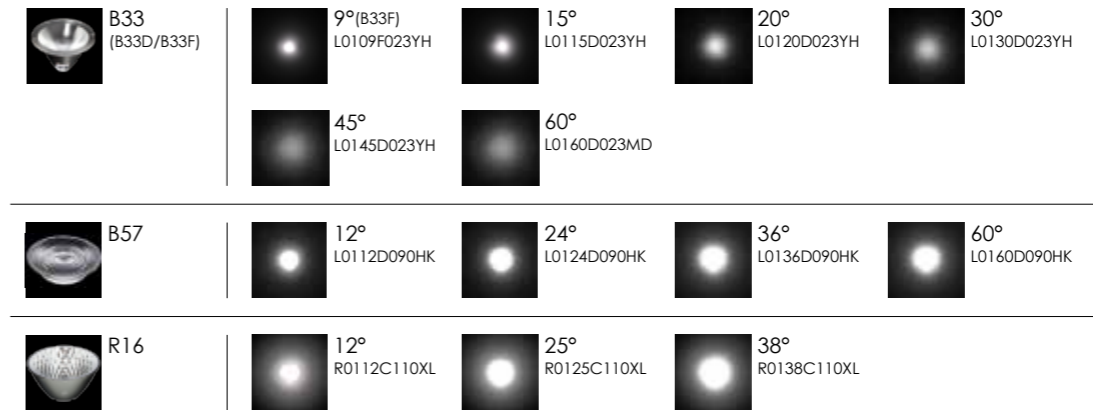
MATERIAL SPECIFICATIONS

HOUSING MATERIAL | Extruded aluminum alloy #6063;
PAINTING | Powder coating ,T= 60-80 um./Adhesion of ISO class 1/ASTM class 4B
REFLECTOR | Optical reflector, efficiency≥85%
LED | NICHIA
POWER CABLE | H05RN-F 2X1.0mm² L=0.3m(low voltage)
 H05RN-F 3X1.0mm² L=0.3m(high voltage)
OPERATING TEMPERATURE | -20°C~40°C

HOUSING COLOR OPTION



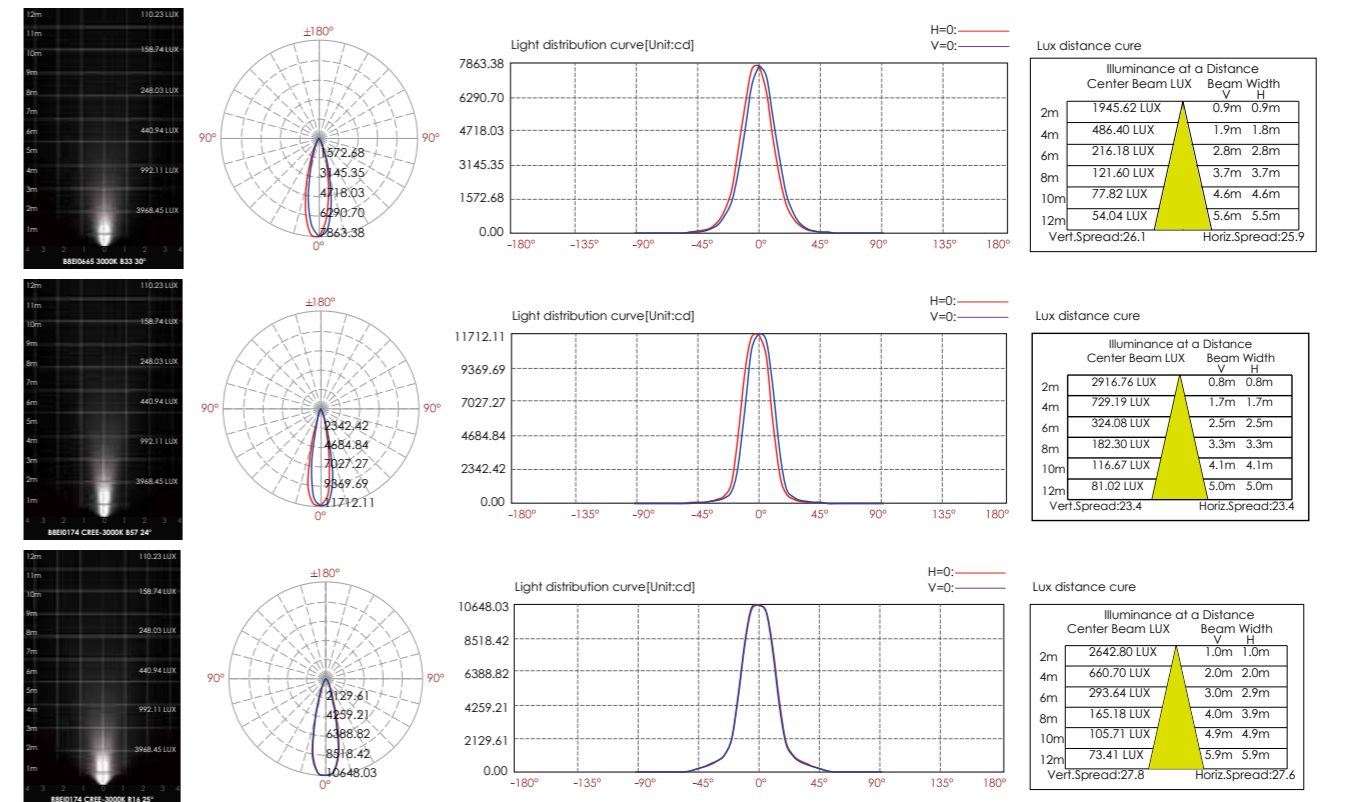
OPTICS



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B8EI0665	6×5W	B33D	30°	120/240	120V = 270 240V = 146	120V = 30 240V = 31	Cool White = 2288 Warm White = 2105	06
B8EI0174	1×30W COB	B57	24°	120/240	120V = 270 240V = 146	120V = 30 240V = 31	Cool White = 2400 Warm White = 2212	06
R8EI0174	1×30W COB	R16	25°	120/240	120V = 270 240V = 146	120V = 30 240V = 31	Cool White = 3400 Warm White = 3177	06

PHOTOMETRIC CURVES

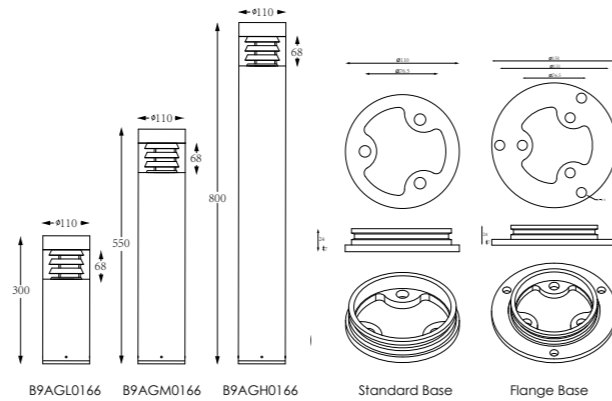


Bollard Light



OUTER DIMENSIONS & ACCESSORIES

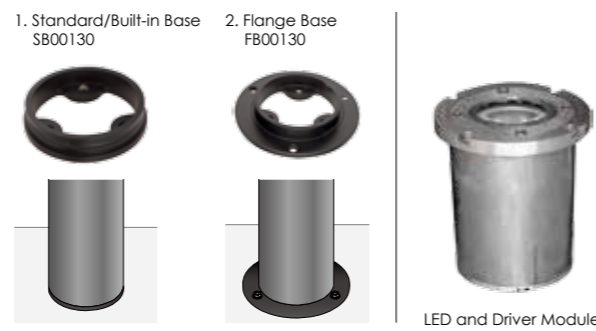
Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | T=60-80um Adhesion of ISO class 1/ASTM class 4B 12# Die-casting powder coated aluminum.
- LIGHT WINDOW** | PMMA
- LED** | SMD3535 type LED
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 3×1.0mm²L=0.3m(high voltage/short)
H05RN-F 3×1.0mm²L=0.5m(high voltage/medium)
H05RN-F 3×1.0mm²L=1.0m(high voltage/high)
- BASE** | Standard Base
Flange base
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

OPTIONAL BASE



• Flange base is an optional part which you need to remove the standard base before the assembling.

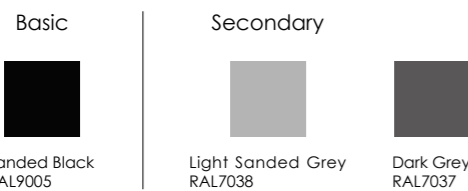
LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS

N/A

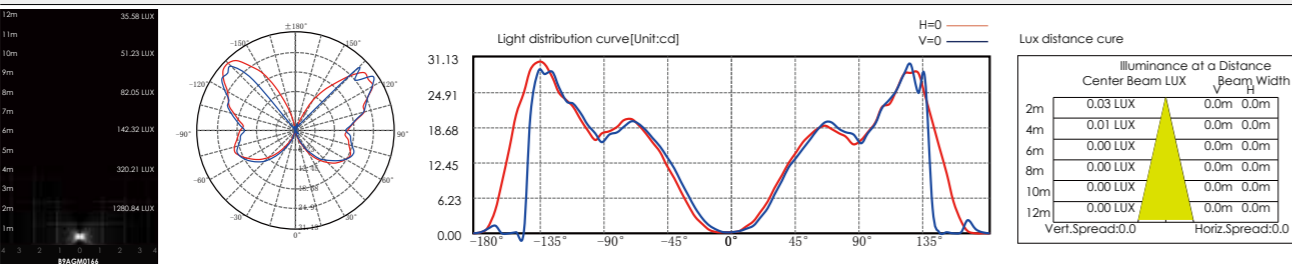
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
B9AGL0166 B9AGM0166 B9AGH0166	SMD3535 X 6W	120/240	120V = 108 240V = 60	120V = 7.7 240V = 8.1	Warm White

PHOTOMETRIC CURVES

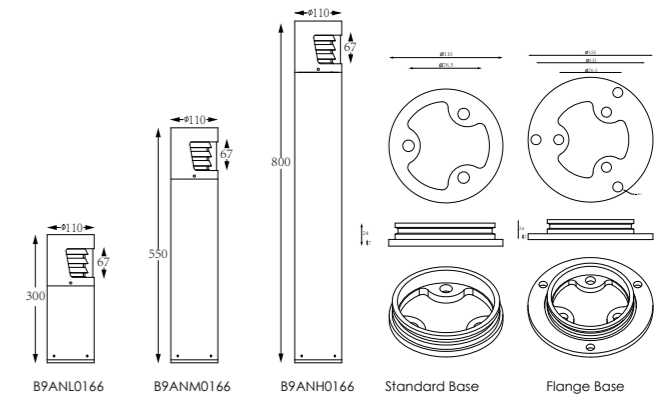


Bollard Light



OUTER DIMENSIONS & ACCESSORIES

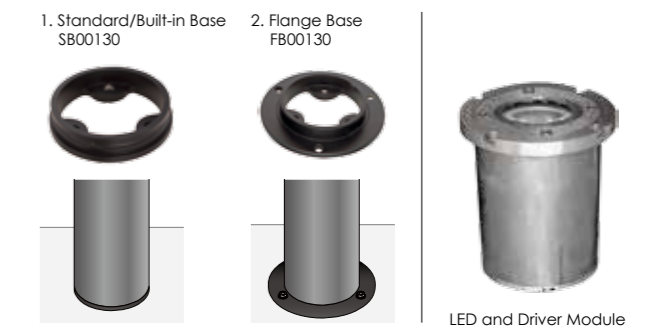
Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | T=60-80um Adhesion of ISO class 1/ASTM class 4B 12# Die-casting powder coated aluminum.
- LIGHT WINDOW** | PMMA
- LED** | SMD3535 type LED
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 3×1.0mm²L=0.3m(high voltage/short)
H05RN-F 3×1.0mm²L=0.5m(high voltage/medium)
H05RN-F 3×1.0mm²L=1.0m(high voltage/high)
- BASE** | Standard Base
Flange base
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

OPTIONAL BASE



• Flange base is an optional part which you need to remove the standard base before the assembling.

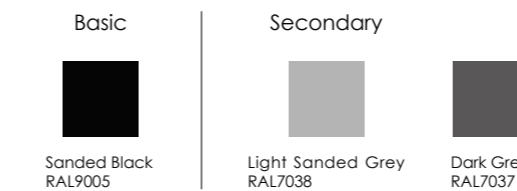
LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS

N/A

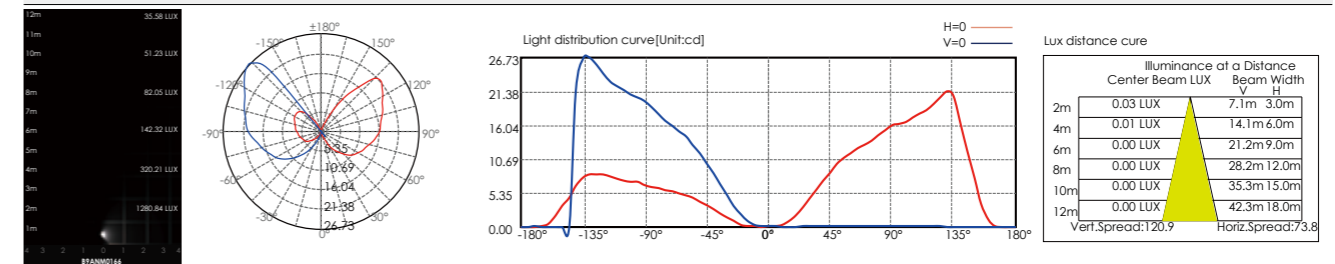
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
B9ANL0166 B9ANM0166 B9ANH0166	1X 6W	120/240	120V = 108 240V = 60	120V = 7.7 240V = 8.1	Cool White = 150 Warm White = 130

PHOTOMETRIC CURVES



Bollard Light



LED COLOUR TEMPERATURE

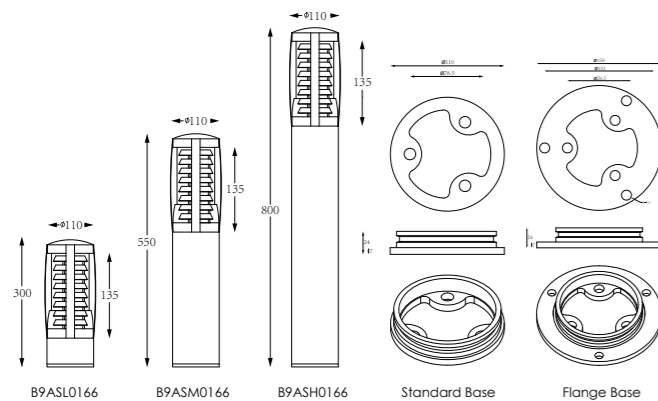
3000K · 6000K

OPTICS

N/A

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



MATERIAL SPECIFICATIONS

HOUSING	T=60-80um Adhesion of ISO class 1/ASTM class 4B 12# Die-casting powder coated aluminum
LIGHT WINDOW	PMMA
LED	SMD3535 type LED
LED DRIVER	Constant Voltage Input, Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 3×1.0mm²L=0.3m(high voltage/short) H05RN-F 3×1.0mm²L=0.5m(high voltage/medium) H05RN-F 3×1.0mm²L=1.0m(high voltage/high)
BASE	Standard Base Flange base
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

REFLECTOR



•The reflector is machined on one entire solid acrylic

HOUSING COLOR OPTION

Basic	Secondary	
Sanded Black RAL9005	Light Sanded Grey RAL7038	Dark Grey RAL7037

OPTIONAL BASE

1. Standard/Built-in Base SB00130
2. Flange Base FB00130



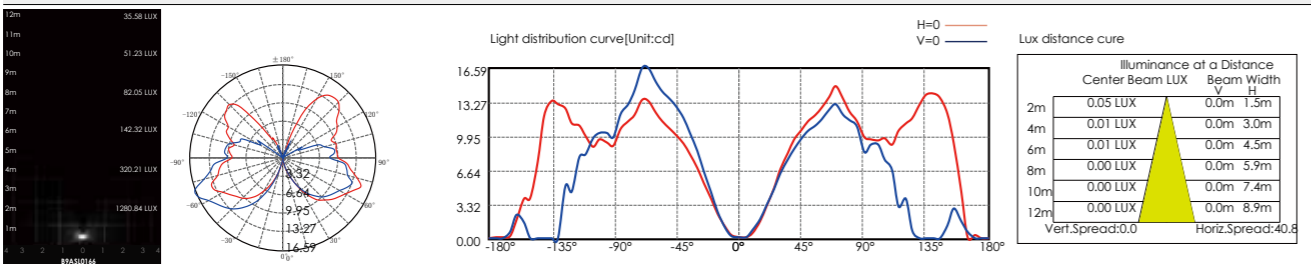
LED and Driver Module

•Flange base is an optional part which you need to remove the standard base before the assembling.

TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
B9ASL0166 B9ASM0166 B9ASH0166	SMD3535 X 6W	120/240	120V = 108 240V = 60	120V = 7.7 240V = 8.2	Warm White = 138

PHOTOMETRIC CURVES

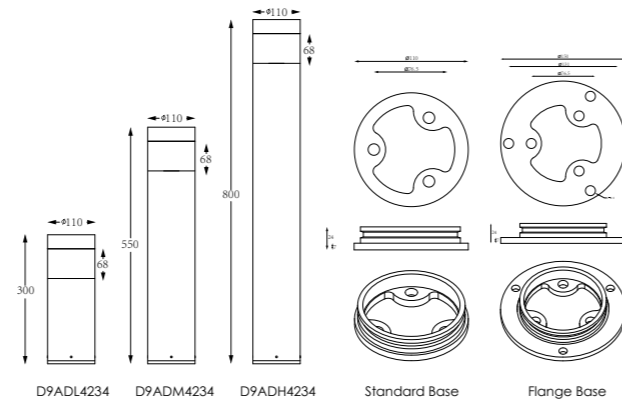


Bollard Light



OUTER DIMENSIONS & ACCESSORIES

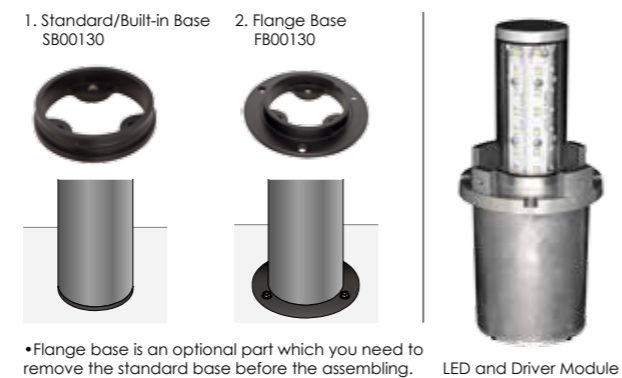
Unit:mm



MATERIAL SPECIFICATIONS

HOUSING	T=60-80um Adhesion of ISO class 1/ASTM class 4B 12# Die-casting powder coated aluminum
LIGHT WINDOW	PMMA
LED	SMD3030 type LED
LED DRIVER	Constant Voltage Input, Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 3×1.0mm ² L=0.3m(high voltage/short) H05RN-F 3×1.0mm ² L=0.5m(high voltage/medium) H05RN-F 3×1.0mm ² L=1.0m(high voltage/high)
BASE	Standard Base Flange base
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

OPTIONAL BASE



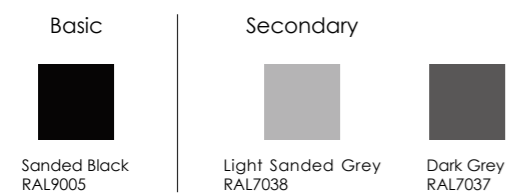
LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS

N/A

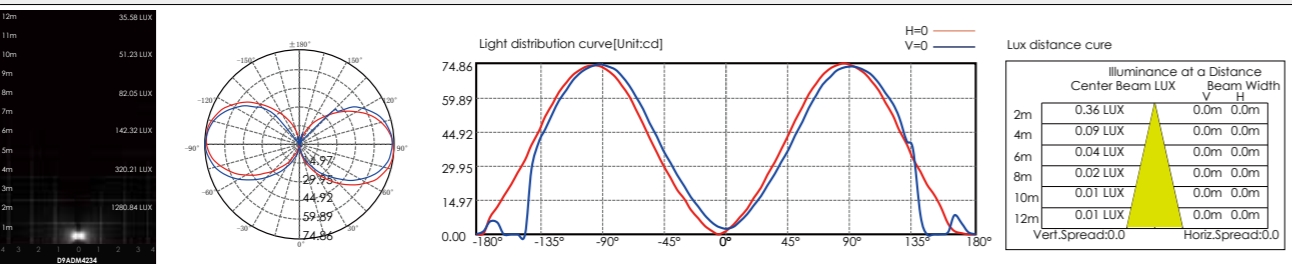
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
D9ADL4234 D9ADM4234 D9ADH4234	42 X 0.2W	120/240	120V = 76 240V = 41	120V = 8.6 240V = 9	Warm White = 586

PHOTOMETRIC CURVES

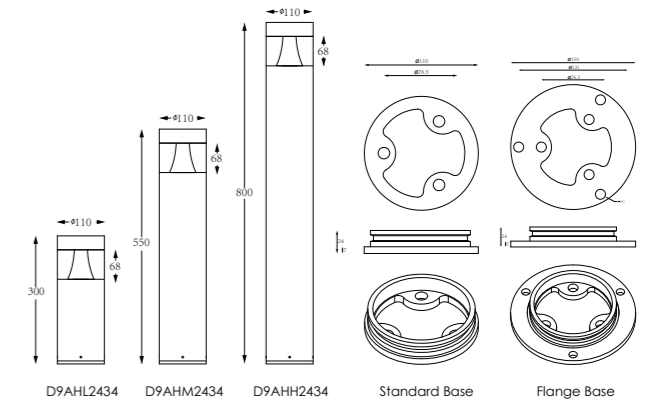


Bollard Light



OUTER DIMENSIONS & ACCESSORIES

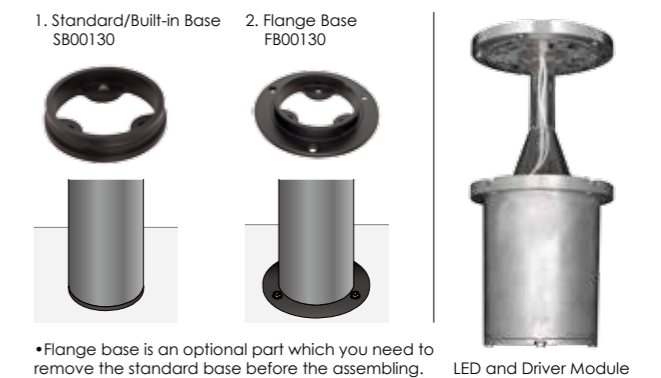
Unit:mm



MATERIAL SPECIFICATIONS

HOUSING	T=60-80um Adhesion of ISO class 1/ASTM class 4B 12# Die-casting powder coated aluminum
LIGHT WINDOW	PMMA
LED	SMD3030 type LED
LED DRIVER	Constant Voltage Input, Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 3×1.0mm ² L=0.3m(high voltage/short) H05RN-F 3×1.0mm ² L=0.5m(high voltage/medium) H05RN-F 3×1.0mm ² L=1.0m(high voltage/high)
BASE	Standard Base Flange base
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

OPTIONAL BASE



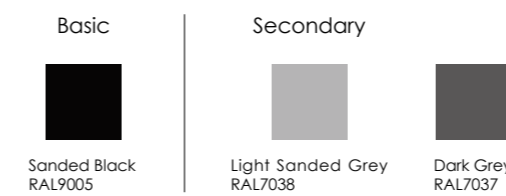
LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS

N/A

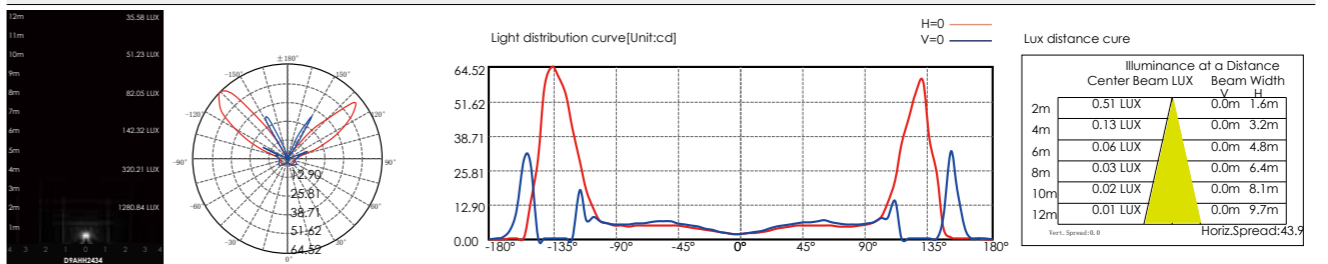
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
D9AHL2434 D9AHM2434 D9AHH2434	24 X 0.2W	120/240	120V = 70 240V = 39	120V = 4.9 240V = 5.1	Warm White = 263

PHOTOMETRIC CURVES



Bollard Light



LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS

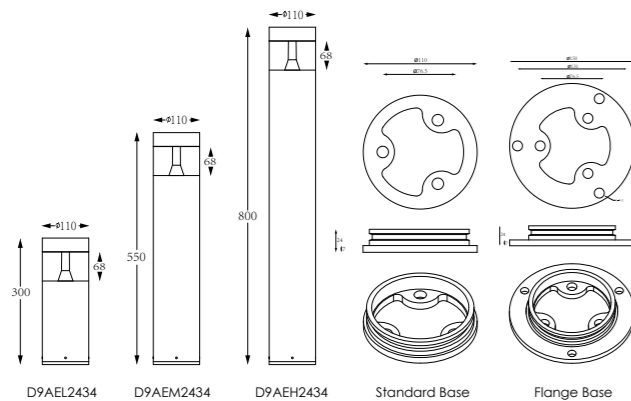
N/A

MATERIAL SPECIFICATIONS

- HOUSING** | T=60-80um Adhesion of ISO class 1/ASTM class 4B
| 12# Die-casting powder coated aluminum
- LIGHT WINDOW** | PMMA
- LED** | SMD3030 type LED
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 3×1.0mm²=0.3m (high voltage/short)
| H05RN-F 3×1.0mm²=0.5m (high voltage/medium)
| H05RN-F 3×1.0mm²=1.0m (high voltage/high)
- BASE** | Standard Base
| Flange base
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

OUTER DIMENSIONS & ACCESSORIES

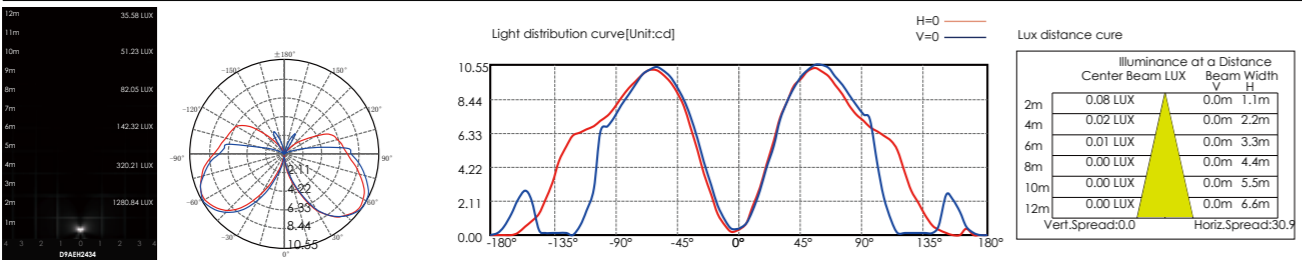
Unit:mm



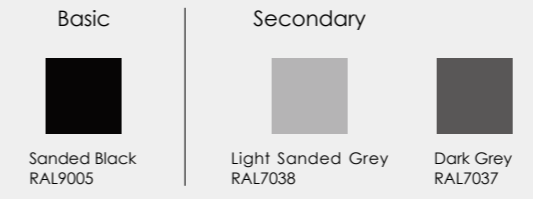
TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
D9AEL2434 D9AEM2434 D9AEH2434	24X 0.2W	120/240	120V = 36 240V = 66	120V = 4.4 240V = 4.6	Warm White = 98

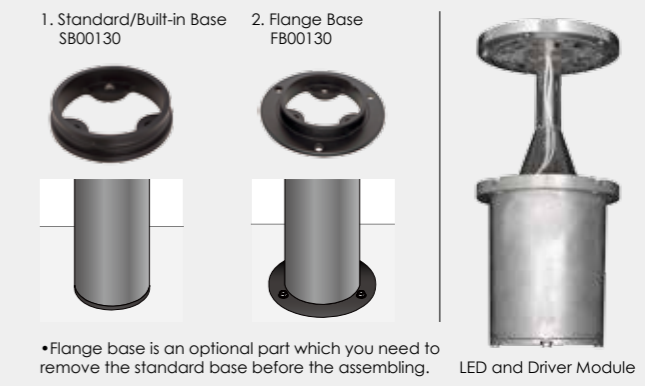
PHOTOMETRIC CURVES



HOUSING COLOR OPTION



OPTIONAL BASE

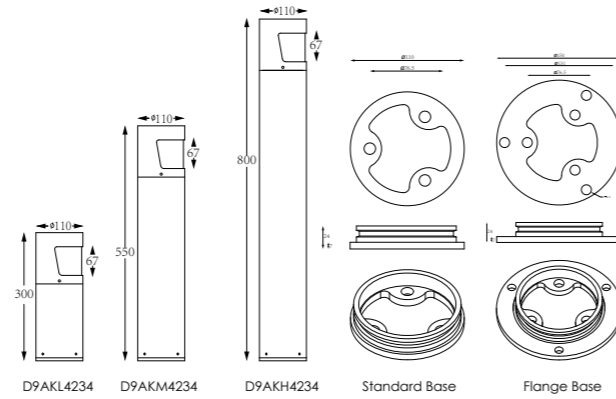


Bollard Light



OUTER DIMENSIONS & ACCESSORIES

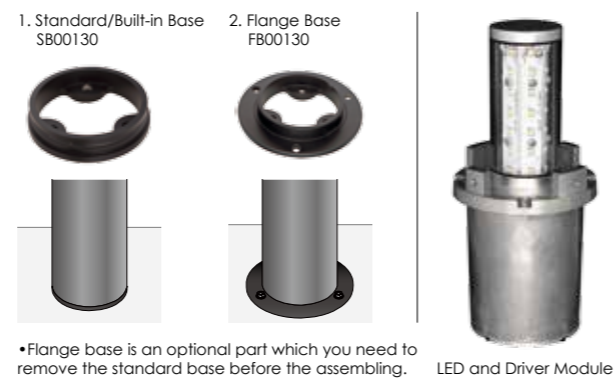
Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | T=60-80um Adhesion of ISO class 1/ASTM class 4B 12# Die-casting powder coated aluminum.
- LIGHT WINDOW** | PMMA
- LED** | SMD3030 type LED
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 3×1.0mm²L=0.3m (high voltage/short)
H05RN-F 3×1.0mm²L=0.5m (high voltage/medium)
H05RN-F 3×1.0mm²L=1.0m (high voltage/high)
- BASE** | Standard Base
Flange base
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

OPTIONAL BASE



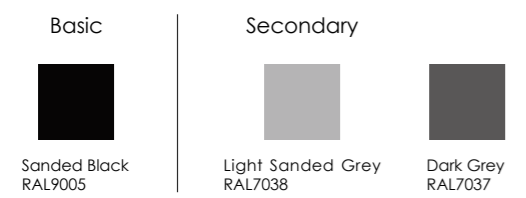
LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS

N/A

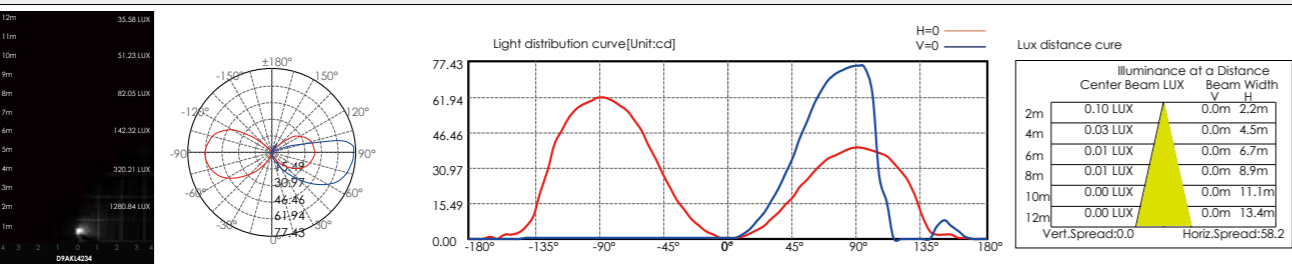
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
D9AKL4234 D9AKM4234 D9AKH4234	42X 0.2W	120/240	120V = 73 240V = 41	120V = 8.6 240V = 9	Cool White = 450 Warm White = 397

PHOTOMETRIC CURVES

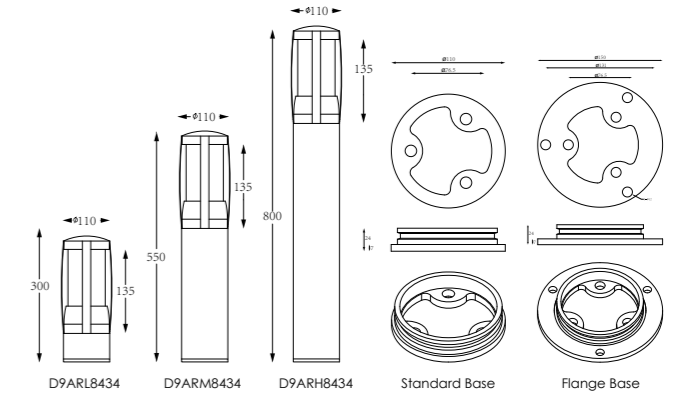


Bollard Light



OUTER DIMENSIONS & ACCESSORIES

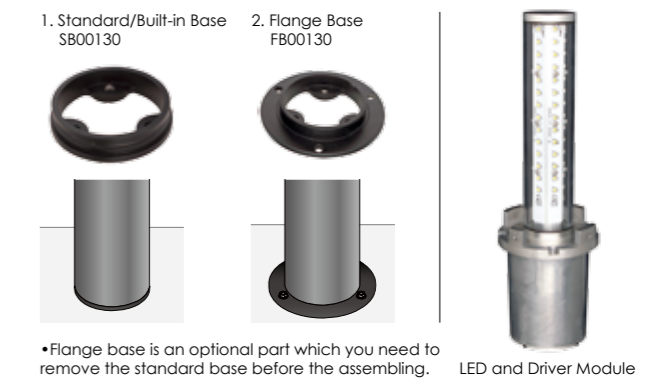
Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | T=60-80um Adhesion of ISO class 1/ASTM class 4B 12# Die-casting powder coated aluminum.
- LIGHT WINDOW** | PMMA
- LED** | SMD3030 type LED
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 3×1.0mm²L=0.3m (high voltage/short)
H05RN-F 3×1.0mm²L=0.5m (high voltage/medium)
H05RN-F 3×1.0mm²L=1.0m (high voltage/high)
- BASE** | Standard Base
Flange base
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

OPTIONAL BASE



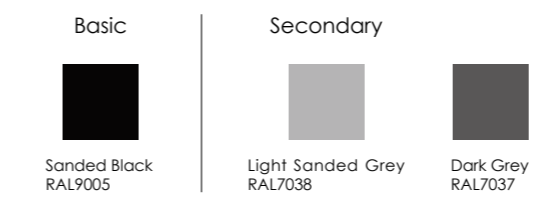
LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS

N/A

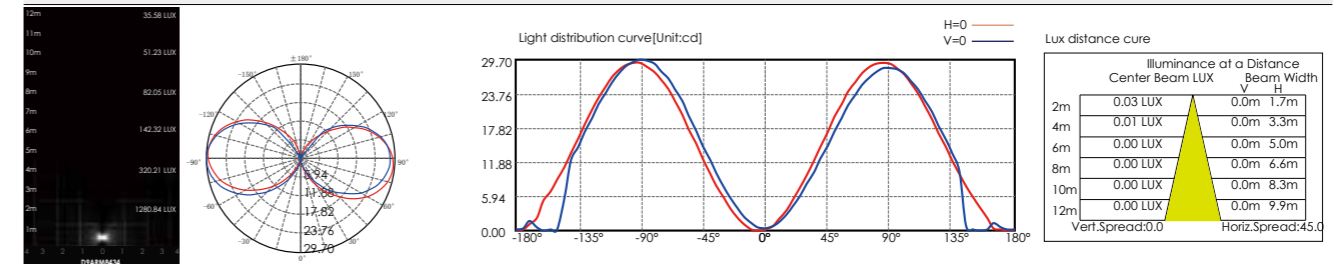
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
D9ARL8434 D9ARM8434 D9ARH8434	84X 0.1W	120/240	120V = 79 240V = 43	120V = 9.4 240V = 9.6	Warm White = 697

PHOTOMETRIC CURVES



LINEAR BEAM



344



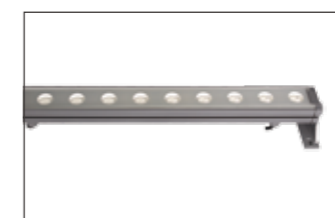
346



347



348



352

High Luminance Output Recessed strip inground light

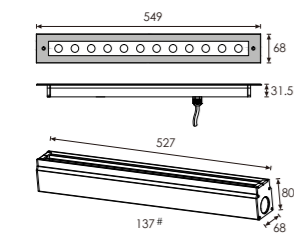


LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

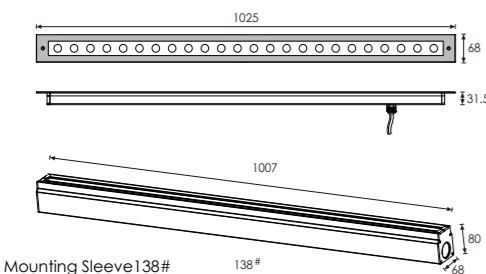
OUTER DIMENSIONS & ACCESSORIES

Unit:mm



Mounting Sleeve 137#

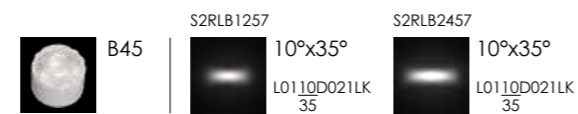
S2RLB1257



Mounting Sleeve 138#

S2RLB2457

OPTICS



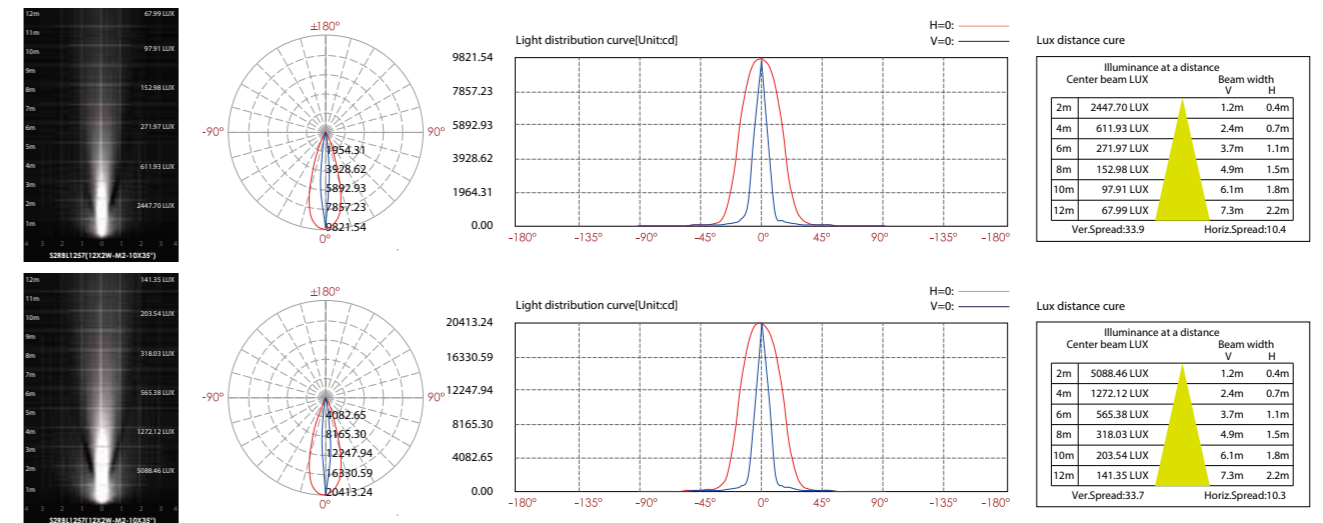
MATERIAL SPECIFICATIONS

- HOUSING** | Extruded aluminum, powder coated
- FRONT COVER** | Hard chromeplated stainless steel SUS 316L
- LIGHT WINDOW** | Tempered glass, T=6mm
- LENS** | Optical lens, efficiency ≥ 85%
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Glass and housing are silicone sealed
- LED** | OSRAM
- OPERATING TEMPERATURE** | -20°C ~ 40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.5m (low voltage)
H05RN-F 3X1.0mm² L=0.5m (high voltage)
- MOUNTING SLEEVE** | Powder Coated Aluminum 137# 138#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENGTH(MM)	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
S2RLB1257	12×1.5W	B45	549	10°x35°	24V DC	24V = 910	24V = 22	Cool White = 1759 Warm White = 1431	07
					120/240	120V = 143	120V = 17		
						240V = 79	240V = 17.5		
S2RLB2457	24×1.5W	B45	1025	10°x35°	24V DC	24V = 1826	24V = 44	Cool White = 3662 Warm White = 3013	07
					120/240	120V = 312	120V = 36		
						240V = 156	240V = 36.4		

PHOTOMETRIC CURVES



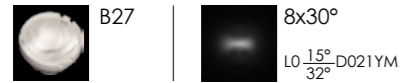
Recessed Linear Beam Inground Wall Washer Lamp



LED COLOUR TEMPERATURE

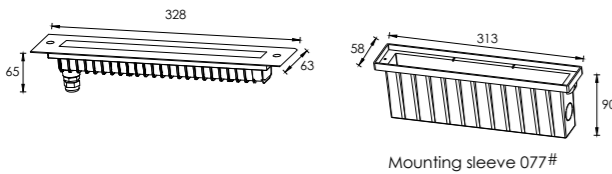
2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



MATERIAL SPECIFICATIONS

HOUSING	I 12# Die-casting dark grey powder coated aluminum.T=60-80µm
FRONT COVER	I Hard chromeplated stainless steel SUS 316L#
LIGHT WINDOW	I Step tempered glass.T=8mm
CABLE GLAND	I IP68 PG-9 PA66
GLASS PRESSURE CAPACITY	I Full area=3251kgs
GASKET	I Molding shaped silicone seal
PCB	I Excellent heat conductivity aluminum, coefficient of heat Conductivity≥2.0w/mk
LED DRIVER	I Constant Voltage Input,Constant Current Output
OPERATING TEMPERATURE	I -20°C~40°C
POWER CABLE	I H05RN-F 2X1.0mm2 L=0.5m(low voltage) I H05RN-F 3X1.0mm2 L=0.5m(high voltage)
MOUNTING SLEEVE	I ABS 077#
DIMMABLE SUPPORT	I Triac PWM 1-10V Dali

MOUNTING SLEEVE CHARACTERISTIC

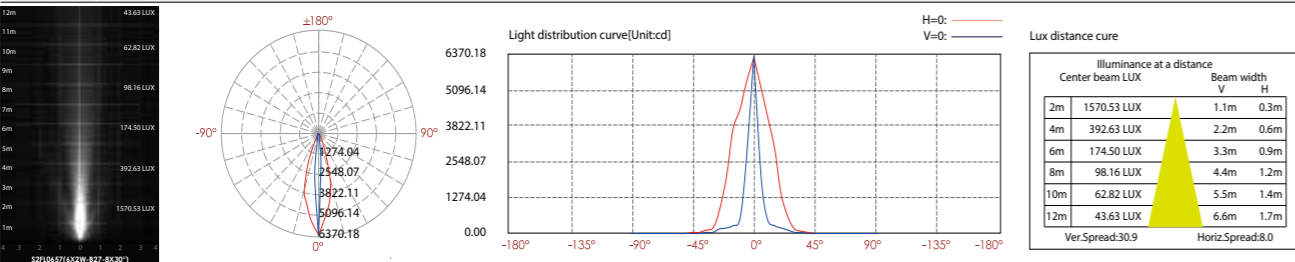


•The above picture – the supporting plate “A1” and “A2” are used for preventing deformation of the sleeve during the construction installation process.
•Please remove the supporting plate “A1” and “A2” from the mounting sleeve before the lamp installation.

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	WEIGHT (KG)	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
S2FL0657	6x2W	B27	8x30°	1.6	24V DC 120/240	24V = 520 120V = 100 240V = 57	24V = 12.5 120V = 11.8 240V = 12.1	Cool White = 954 Warm White = 791	08

PHOTOMETRIC CURVES



LINEAR
BEAM

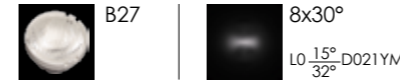
Recessed Linear Beam Inground Wall Washer Lamp



LED COLOUR TEMPERATURE

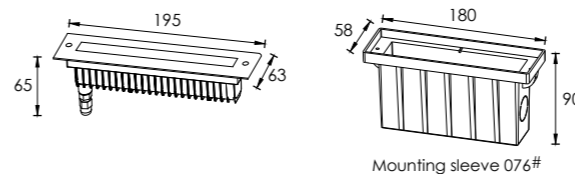
2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



MATERIAL SPECIFICATIONS

HOUSING	I 12# Die-casting dark grey powder coated aluminum.T=60-80µm
FRONT COVER	I Hard chromeplated stainless steel SUS 316L#
LIGHT WINDOW	I Step tempered glass.T=8mm
CABLE GLAND	I IP68 PG-9 PA66
GLASS PRESSURE CAPACITY	I Full area=3251kgs
GASKET	I Molding shaped silicone seal
PCB	I Excellent heat conductivity aluminum, coefficient of heat Conductivity≥2.0w/mk
LED DRIVER	I Constant Voltage Input,Constant Current Output
OPERATING TEMPERATURE	I -20°C~40°C
POWER CABLE	I H05RN-F 2X1.0mm2 L=0.5m(low voltage) I H05RN-F 3X1.0mm2 L=0.5m(high voltage)
MOUNTING SLEEVE	I ABS 076#
DIMMABLE SUPPORT	I Triac PWM 1-10V Dali

MOUNTING SLEEVE CHARACTERISTIC

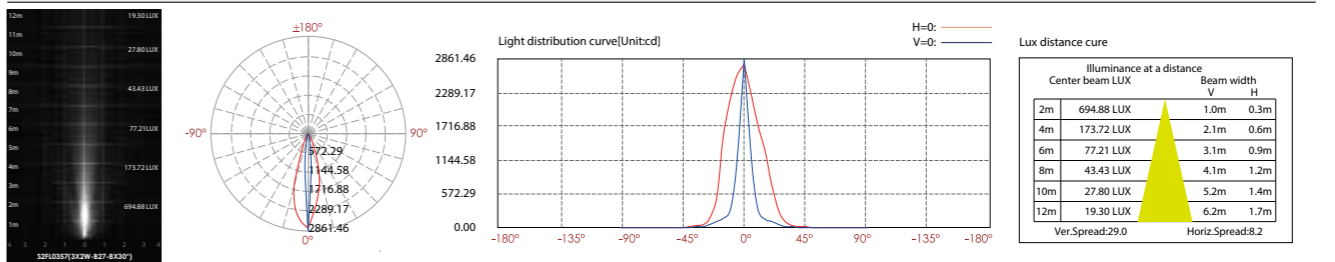


•The right picture – the supporting plate “A” is used for preventing deformation of the sleeve during the construction installation process.
•Please remove the supporting plate “A” from the mounting sleeve before the lamp installation.

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	WEIGHT (KG)	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
S2FL0357	3x2W	B27	8x30°	0.9	24V DC 120/240	24V = 37 120V = 89 240V = 46	24V = 5.7 120V = 6.2 240V = 5.7	Cool White = 457 Warm White = 360	08

PHOTOMETRIC CURVES



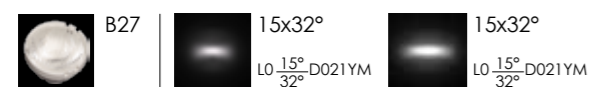
Linear Beam Wall Washer



LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

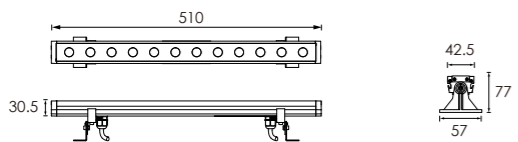
OPTICS



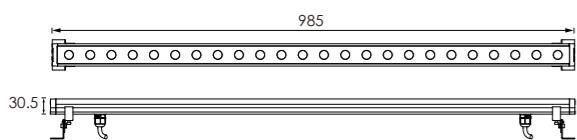
OUTER DIMENSIONS & ACCESSORIES

Unit:mm

Low voltage input (24VDC)



S6R1256

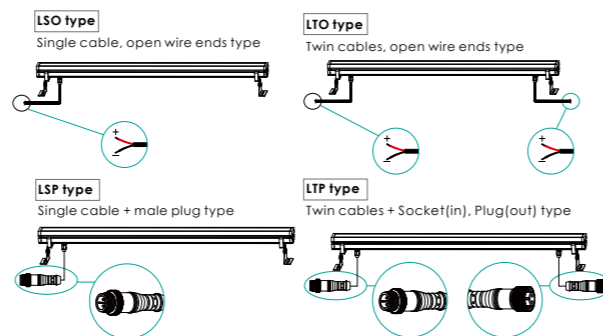


S6R2456

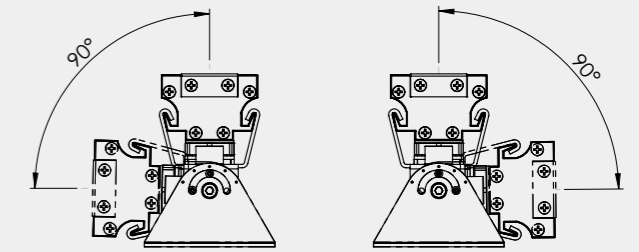
MATERIAL SPECIFICATIONS

- HOUSING** | Extruded aluminum, powder coated
- LENS** | Optical lens, efficiency > 85%
- LIGHT WINDOW** | Step tempered glass, T=4mm
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Glass and housing are silicone sealed
- LED** | OSRAM or NICHIA
- OPERATING TEMPERATURE** | -20°C ~ 40°C
- BRACKET** | Hard chrome plated stainless steel SUS 316L # T=1.5mm
- POWER CABLE** | 2XH05RN-F 2X1.0mm² L=0.5m (Low Voltage)
2XH05RN-F 3X1.0mm² L=0.5m (High Voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

Low voltage input (24VDC) power cord model



LINEAR
BEAM



• Adjustable beam direction



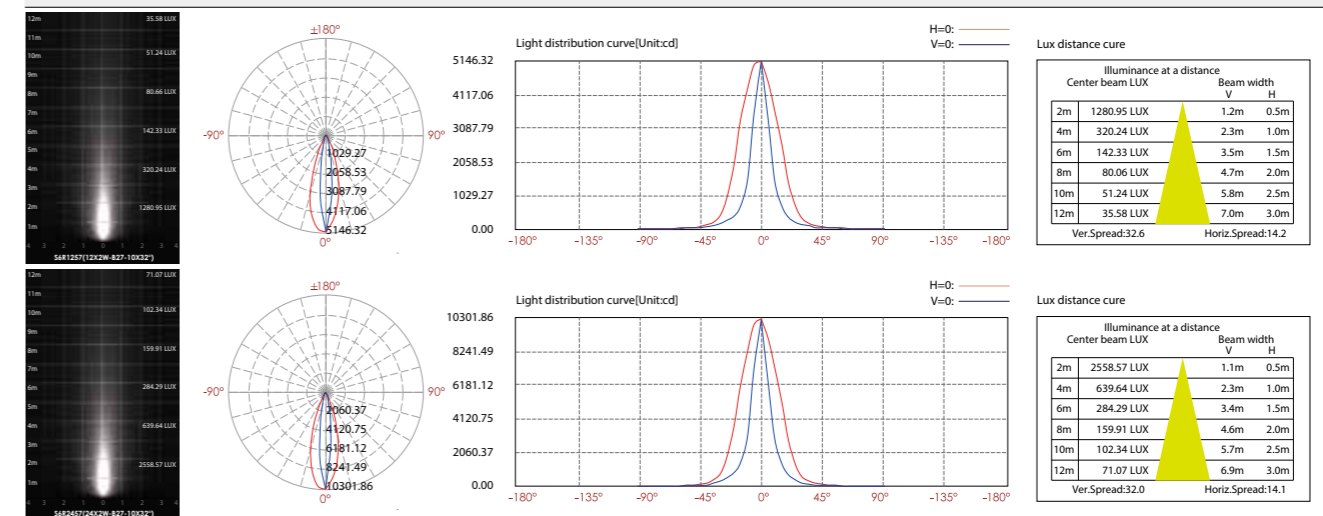
• Air Valve



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	LENGTH(MM)	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
S6R1256	12X1W	B27	15° 32°	305	24V DC 120/240	24V = 610	24V = 14.5	Cool White = 1331 Warm White = 1092	02
						120V = 130	120V = 15		
						240V = 65	240V = 15		
S6R2456	24X1W	B27	15° 32°	605	24V DC 120/240	24V = 1229	24V = 29	Cool White = 2590 Warm White = 2126	02
						120V = 396	120V = 35		
						240V = 219	240V = 35		

PHOTOMETRIC CURVES

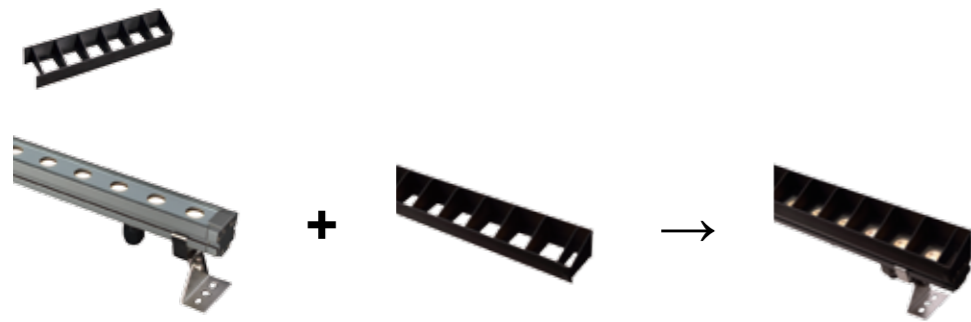


Optional AccessoriesSt- Anti Glare

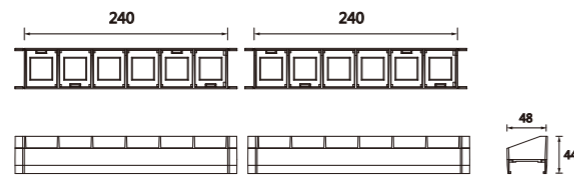
Bevel cut anti-glare reflector 6001



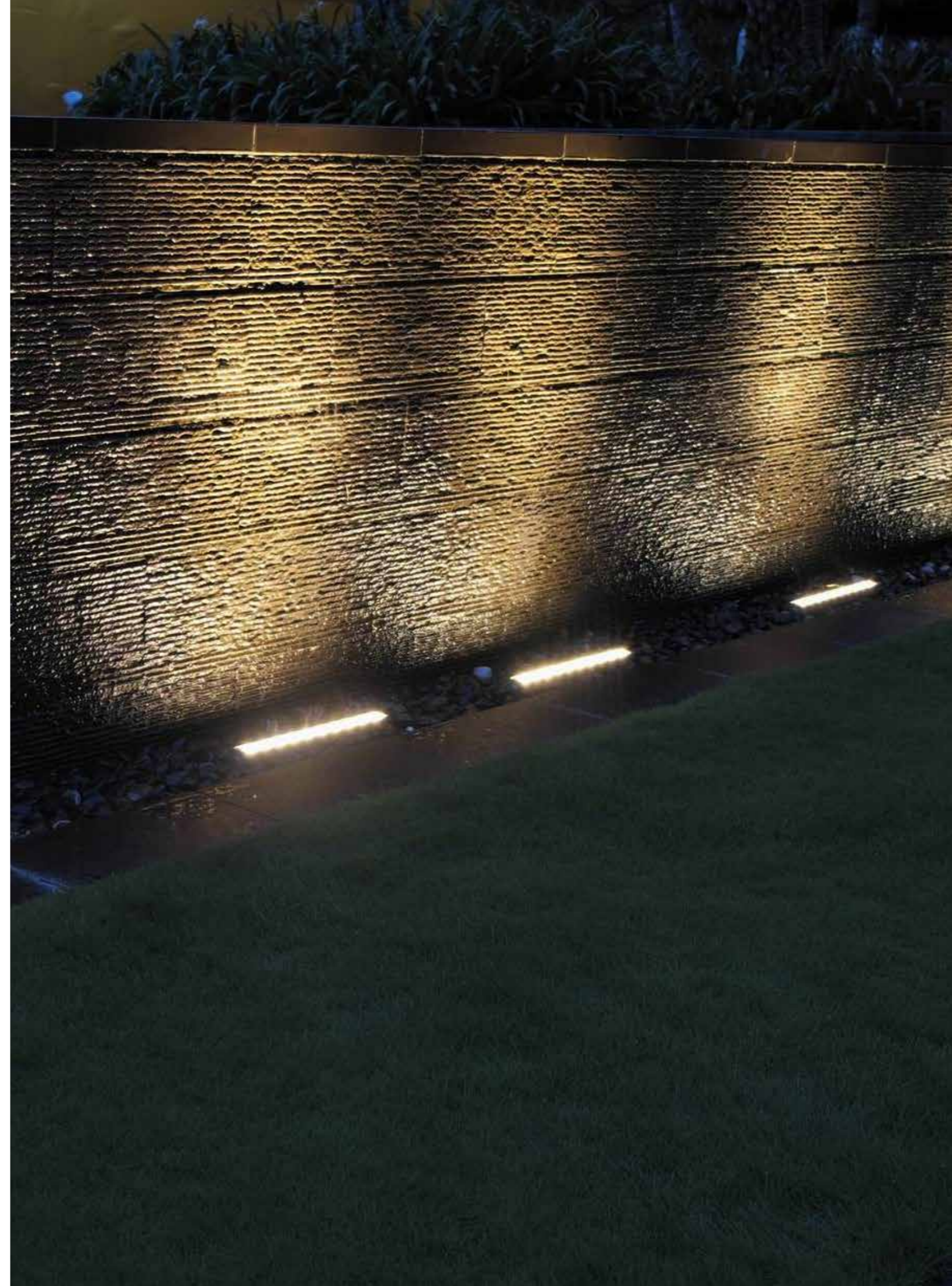
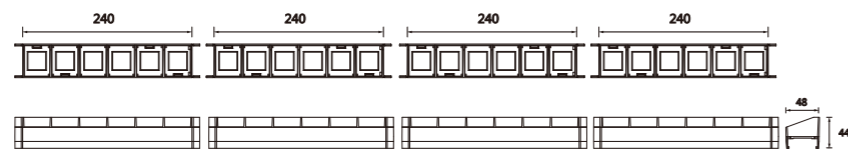
Basic Unit : 240 x 48 mm



S6R1256



S6R2456



Linear Lighting Beam Wall Washer

LINEAR BEAM



LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

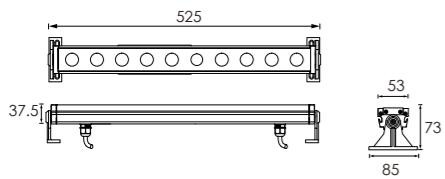
OPTICS



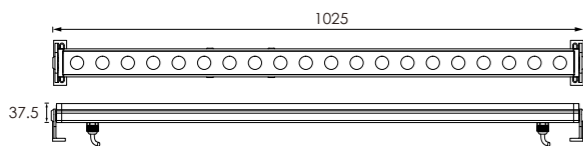
OUTER DIMENSIONS & ACCESSORIES

Unit:mm

Low voltage input (24VDC)



S6Q1057

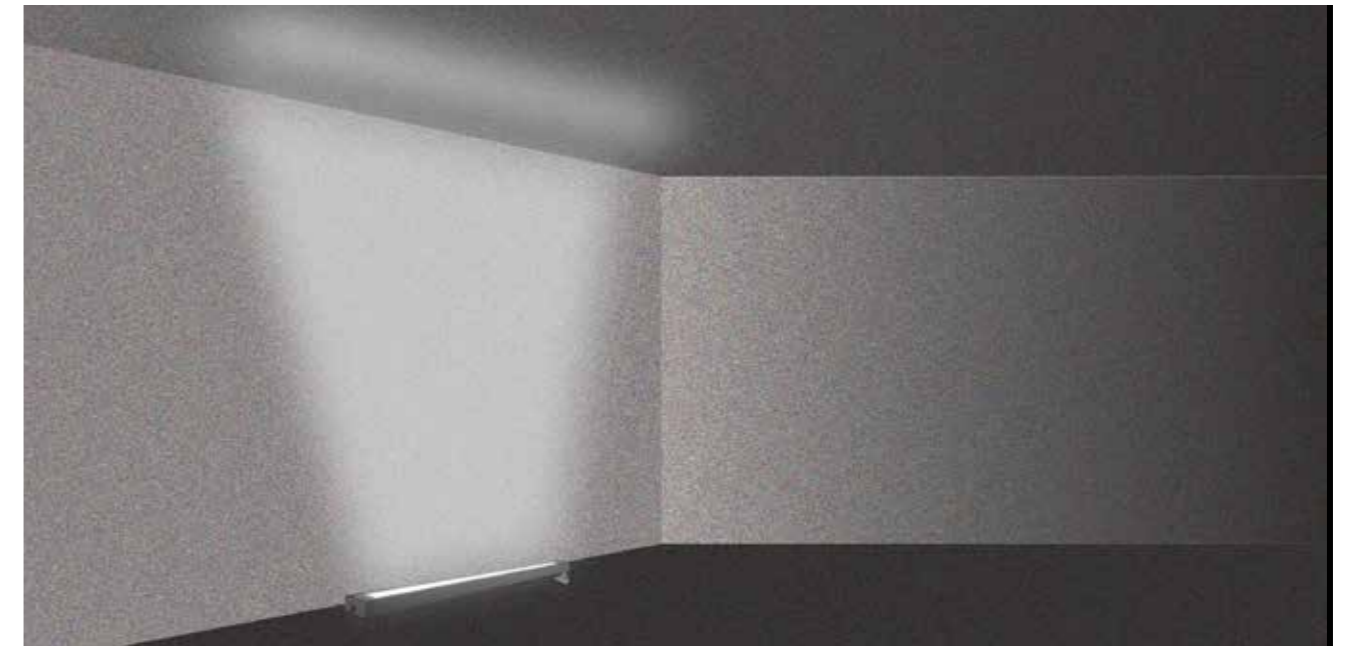
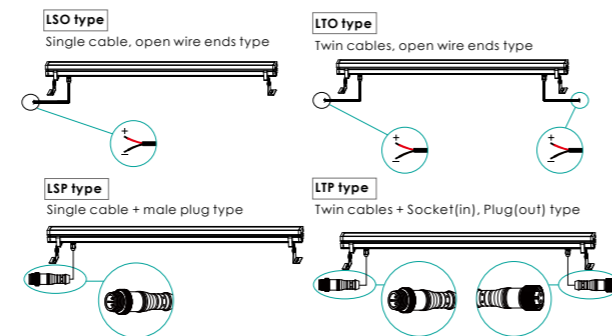


S6Q2057

MATERIAL SPECIFICATIONS

- HOUSING** | Extruded aluminum, powder coated
- LENS** | Optical lens, efficiency ≥ 85%
- LIGHT WINDOW** | Tempered glass, T=3mm
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Glass and housing are silicone sealed
- LED** | OSRAM or NICHIA
- OPERATING TEMPERATURE** | -20°C ~ 40°C
- BRACKET** | 12# Die-casting powder coated aluminum
- POWER CABLE** | 2XH05RN-F 2X1.0mm² L=0.5m (Low Voltage)
2XH05RN-F 3X1.0mm² L=0.5m (High Voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

Low voltage input (24VDC) power cord model

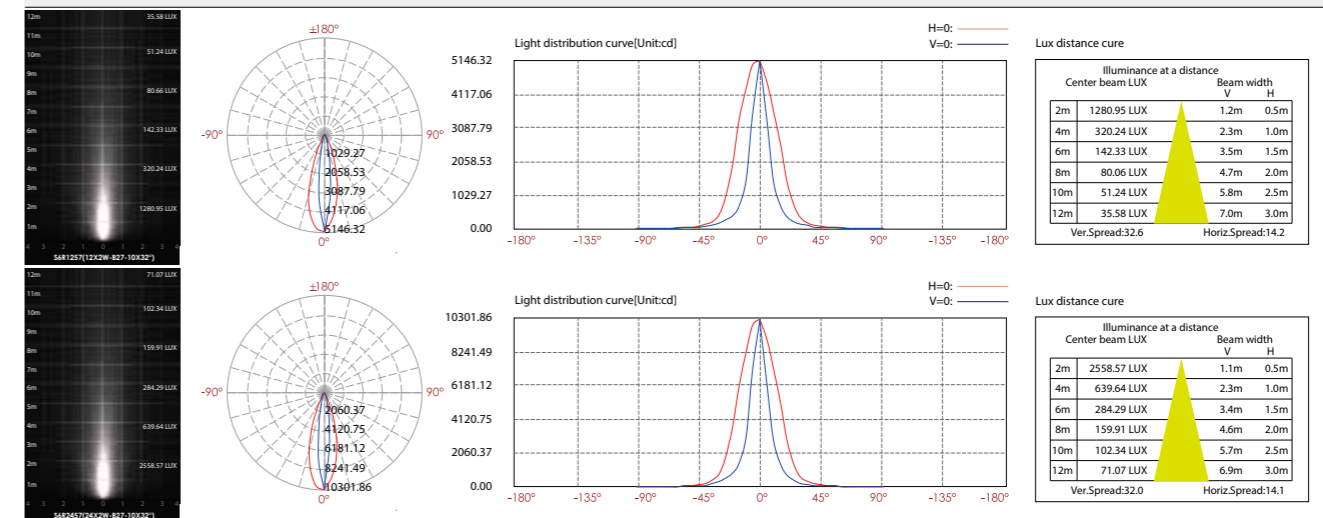


• Adjustable beam direction

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	LENGTH(MM)	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
S6Q1057	10x2W	B13	10°X35°	525	24V DC 120/240	24V = 1041	24V = 25	Cool White = 1840 Warm White = 1510	05
						120V = 174	120V = 20.8		
						240V = 92	240V = 20.8		
S6Q2057	20x2W	B13	10°X35°	1025	24V DC 120/240	24V = 2056	24V = 50	Cool White = 3580 Warm White = 2945	05
						120V = 374	120V = 41		
						240V = 202	240V = 42		

PHOTOMETRIC CURVES



Linear Beam 24V DC
IP-66 Ultra Slim Light Bar



S6JA1235
S6JA2435

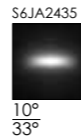
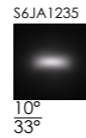
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS

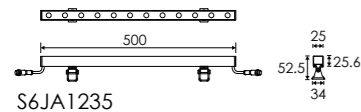


B15

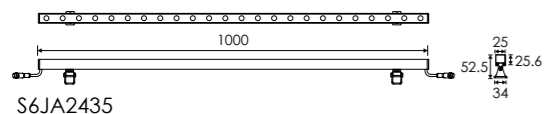


OUTER DIMENSIONS

Unit:mm

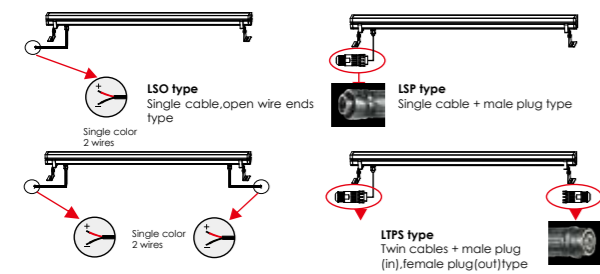


S6JA1235



S6JA2435

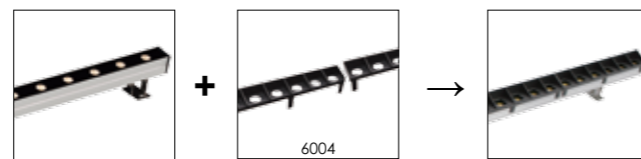
Low voltage input (24VDC) power cord model



MATERIAL SPECIFICATIONS

- Housing** | Extruded aluminum anodized finishing or powder painting
- Lens** | Optical lens efficiency≥85%
- Light window** | Tempered glass,T=3mm
- Gasket** | Glass and housing are silicone sealed
- LED** | Single color ORSAM LED
- Operating temperature** | -20°C~40°C
- Bracket** | Hard chromeplated stainless steel SUS 304#
- Power Cable** | H03VV-F 2X0.75mm² L=0.25m(low voltage)
- Dimmable Support** | Triac PWM 1-10V Dali

Optional Honeycomb Louver



TECHNICAL DATA

Item	Light source	Lens	The manufacturer selected lens degree(°)θ1/2	Length L=(mm)	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
S6JA1235	12×1W	B15	10°/33°	500	24V DC	610	14.5	Cool white=820 Warm white=700	03
S6JA2435	24×1W	B15	10°/33°	1000	24V DC	1220	29	Cool white=1660 Warm white=1413	03

LINEAR
BEAM

Linear Beam 120/240V
IP-66 Ultra Slim Light Bar



S6JC1235
S6JC2435

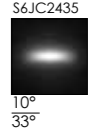
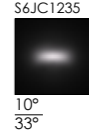
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS

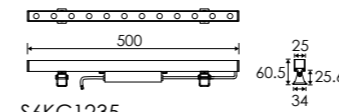


B15

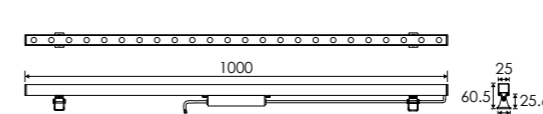


OUTER DIMENSIONS

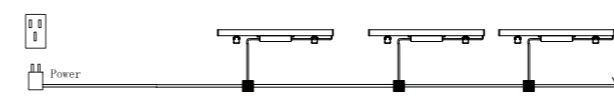
Unit:mm



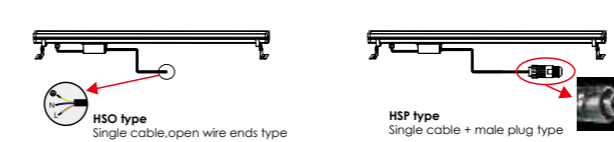
S6JC1235



S6JC2435



High voltage input (100V-240V) power cord wiring model



MATERIAL SPECIFICATIONS

- Housing** | Extruded aluminum anodized finishing or powder painting
- Lens** | Optical lens efficiency≥85%
- Light window** | Tempered glass,T=3mm
- Gasket** | Glass and housing are silicone sealed
- LED** | Single color ORSAM LED
- Operating temperature** | -20°C~40°C
- Bracket** | Hard chromeplated stainless steel SUS 304#
- Power Cable** | H03VV-F 3X0.1mm² L=0.5m(high voltage)

Optional Honeycomb Louver



TECHNICAL DATA

Item	Light source	Lens	The manufacturer selected lens degree(°)θ1/2	Length L=(mm)	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
S6JC1235	12×1W	B15	10°/33°	500	120/240V	120V = 130 240V = 65	120V = 15.0 240V = 15.0	Cool white=1080 Warm white= 864	02
S6JC2435	24×1W	B15	10°/33°	1000	120/240V	120V = 295 240V = 163	120V = 35 240V = 35	Cool white=2140 Warm white=1976	02

6J Series
Optional Accessories - Anti Glare

Bevel cut anti-glare reflector 6004



Basic Unit : 250x30x48mm

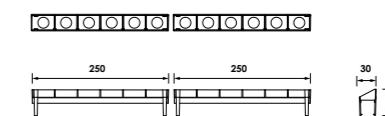


6004



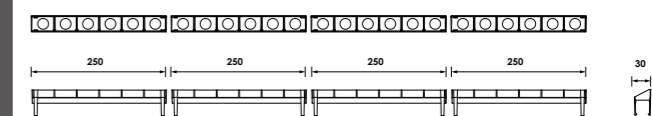
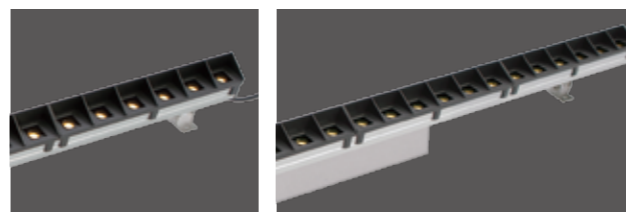
B6JA1256 / B6JC1256

Unit:mm



B6JA2456 / B6JC2456

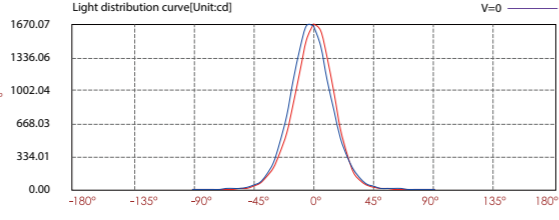
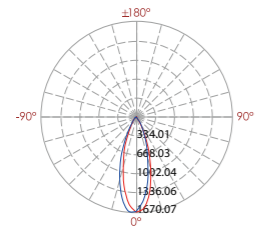
Unit:mm



TECHNICAL DATA



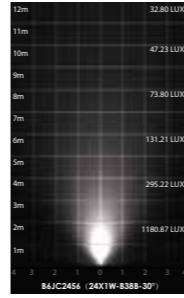
B6JA1256



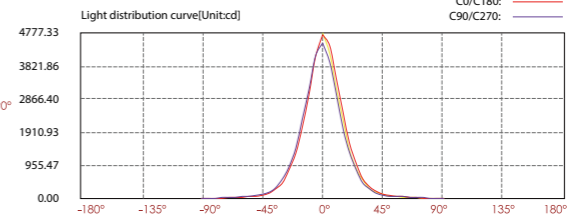
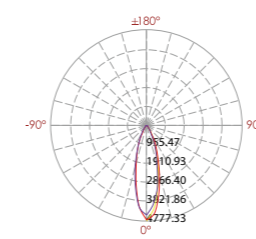
Lux distance cure

Illuminance at a distance		Beam width	
Center beam LUX	V	V	H
2m	415.56 LUX	1.2m	1.2m
4m	103.92 LUX	2.4m	2.4m
6m	46.19 LUX	3.6m	3.6m
8m	25.98 LUX	4.8m	4.8m
10m	16.63 LUX	5.9m	6.0m
12m	11.55 LUX	7.1m	7.2m

Ver.Spread:33.1 Horiz.Spread:33.6



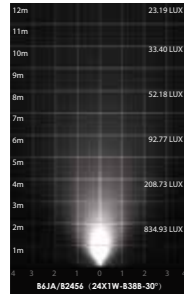
B6JC2456



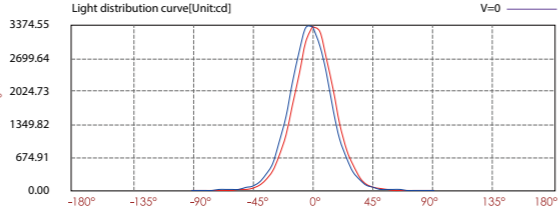
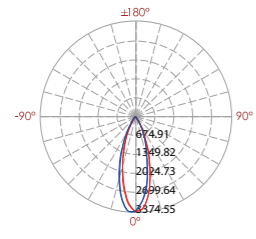
Lux distance cure

Illuminance at a distance		Beam width	
Center beam LUX	V	V	H
2m	1180.87 LUX	1.0m	1.1m
4m	295.22 LUX	2.0m	2.1m
6m	131.21 LUX	3.1m	3.2m
8m	73.80 LUX	4.1m	4.2m
10m	47.23 LUX	5.1m	5.3m
12m	32.80 LUX	6.1m	6.4m

Ver.Spread:28.7 Horiz.Spread:29.7



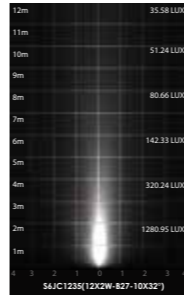
B6JA2456



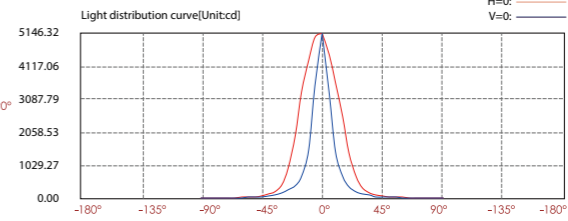
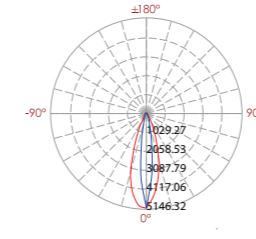
Lux distance cure

Illuminance at a distance		Beam width	
Center beam LUX	V	V	H
2m	415.56 LUX	1.2m	1.2m
4m	103.92 LUX	2.4m	2.4m
6m	46.19 LUX	3.6m	3.6m
8m	25.98 LUX	4.8m	4.8m
10m	16.63 LUX	5.9m	6.0m
12m	11.55 LUX	7.1m	7.2m

Ver.Spread:33.1 Horiz.Spread:33.6



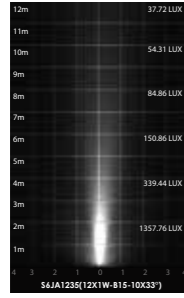
S6JC1235



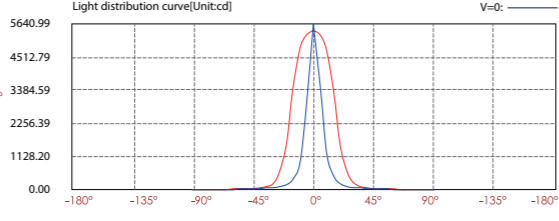
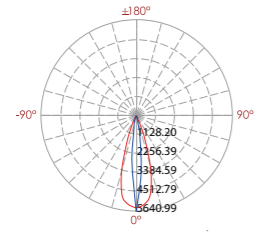
Lux distance cure

Illuminance at a distance		Beam width	
Center beam LUX	V	V	H
2m	1280.95 LUX	1.2m	0.5m
4m	320.24 LUX	2.3m	1.0m
6m	142.33 LUX	3.5m	1.5m
8m	80.66 LUX	4.7m	2.0m
10m	51.24 LUX	5.8m	2.5m
12m	35.58 LUX	7.0m	3.0m

Ver.Spread:32.6 Horiz.Spread:14.2



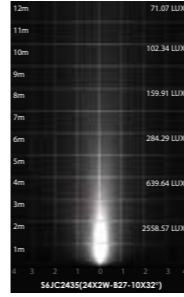
S6JA1235



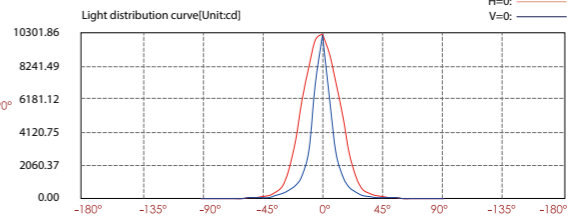
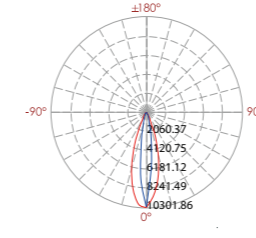
Lux distance cure

Illuminance at a distance		Beam width	
Center beam LUX	V	V	H
2m	1357.76 LUX	1.2m	0.4m
4m	339.44 LUX	2.4m	0.8m
6m	150.86 LUX	3.5m	1.2m
8m	84.86 LUX	4.7m	1.6m
10m	54.31 LUX	5.9m	2.0m
12m	37.72 LUX	7.1m	2.4m

Ver.Spread:32.9 Horiz.Spread:11.2



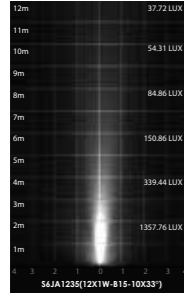
S6JC2435



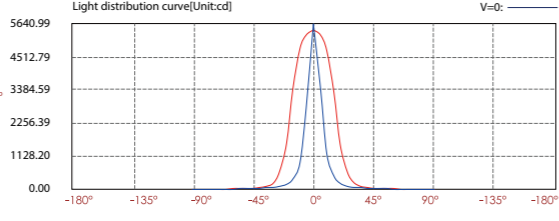
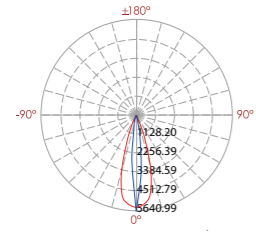
Lux distance cure

Illuminance at a distance		Beam width	
Center beam LUX	V	V	H
2m	2558.57 LUX	1.1m	0.5m
4m	639.64 LUX	2.3m	1.0m
6m	284.29 LUX	3.4m	1.5m
8m	159.91 LUX	4.6m	2.0m
10m	102.34 LUX	5.7m	2.5m
12m	71.07 LUX	6.9m	3.0m

Ver.Spread:32.0 Horiz.Spread:14.1



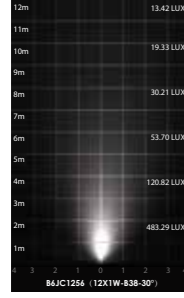
S6JA2435



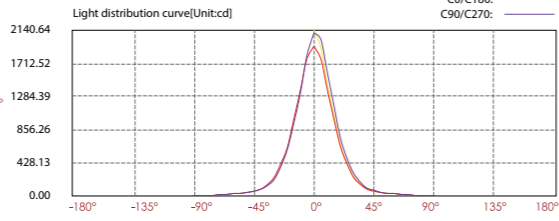
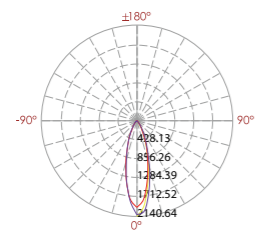
Lux distance cure

Illuminance at a distance		Beam width	
Center beam LUX	V	V	H
2m	1357.76 LUX	1.2m	0.4m
4m	339.44 LUX	2.4m	0.8m
6m	150.86 LUX	3.5m	1.2m
8m	84.86 LUX	4.7m	1.6m
10m	54.31 LUX	5.9m	2.0m
12m	37.72 LUX	7.1m	2.4m

Ver.Spread:32.9 Horiz.Spread:11.2



B6JC1256



Lux distance cure

Illuminance at a distance		Beam width	
Center beam LUX	V	V	H
2m	483.29 LUX	1.0m	1.0m
4m	120.82 LUX	2.1m	2.0m
6m	53.70 LUX	3.1m	3.0m
8m	30.21 LUX	5.2m	3.9m
10m	19.33 LUX	5.2m	4.9m
12m	13.42 LUX	6.2m	5.9m

Ver.Spread:29.2 Horiz.Spread:27.7

LINEAR BEAM

Linear Beam 24V DC
IP-66 Slim Light Bar



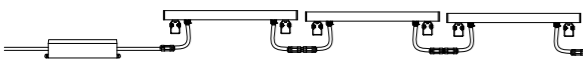
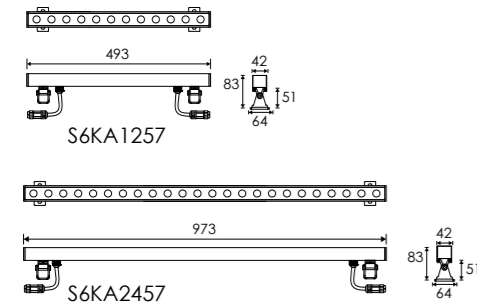
S6KA1257
S6KA2457

LED COLOUR TEMPERATURE

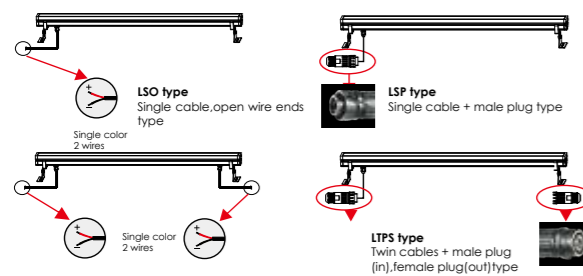
2000K · 3000K · 6000K

OUTER DIMENSIONS

Unit:mm



Low voltage input (24VDC) power cord model



TECHNICAL DATA

Item	Light source	Lens	The manufacturer selected lens degree(°)θ1/2	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
S6KA1257	12×1.5W	B27	10° 30°	24V DC	1000	24	Cool white=1943 Warm white=1494	06
S6KA2457	24×1.5W	B27	10° 30°	24V DC	1985	47	Cool white=3878 Warm white=2939	06

LINEAR
BEAM

Linear Beam 120/240V
IP-66 Slim Light Bar



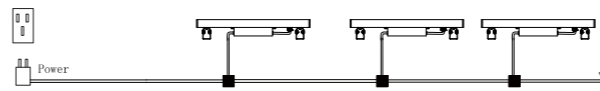
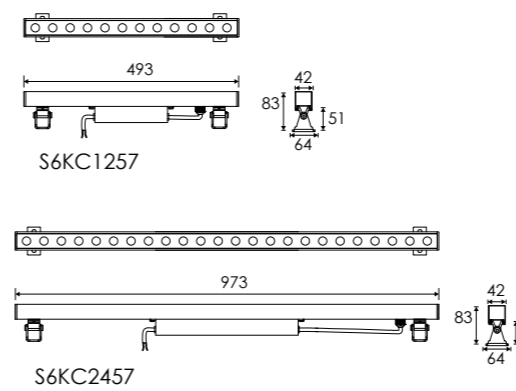
S6KC1257
S6KC2457

LED COLOUR TEMPERATURE

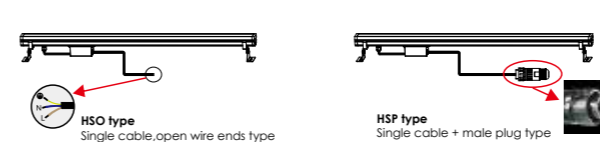
2000K · 3000K · 6000K

OUTER DIMENSIONS

Unit:mm



High voltage input (100V-240V) power cord wiring model



TECHNICAL DATA

Item	Light source	Lens	The manufacturer selected lens degree(°)θ1/2	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
S6KC1257	12×1.5W	B27	10° 30°	120/240V	120V = 203 240V = 105	120V = 24.4 240V = 24	Cool white=2358 Warm white=1838	05
S6KC2457	24×1.5W	B27	10° 30°	120/240V	120V = 414 240V = 212	120V = 48.0 240V = 48.3	Cool white=4912 Warm white=3742	05

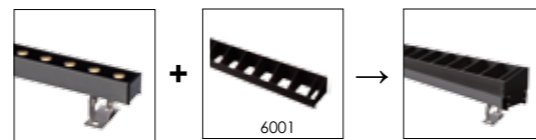
OPTICS



MATERIAL SPECIFICATIONS

Housing	Extruded aluminum anodized finishing or powder painting
Lens	Optical lens efficiency≥85%
Light window	Tempered glass,T=4mm
Cable gland	IP68 PG-9 PA66
Gasket	Glass and housing are silicone sealed
LED	Single color ORSAM LED
Operating temperature	-20°C~40°C
Bracket	Hard chromeplated stainless steel SUS 304#
Power Cable	H05RN-F 2X1.0mm ² L=0.25m (low voltage)
Dimmable Support	Triac PWM 1-10V Dali

Optional Honeycomb Louver



OPTICS



MATERIAL SPECIFICATIONS

Housing	Extruded aluminum anodized finishing or powder painting
Lens	Optical lens efficiency≥85%
Light window	Tempered glass,T=4mm
Cable gland	IP68 PG-9 PA66
Gasket	Glass and housing are silicone sealed
LED	Single color ORSAM LED
Operating temperature	-20°C~40°C
Bracket	Hard chromeplated stainless steel SUS 304#
Power Cable	H05RN-F 2X1.0mm ² L=0.5m (low voltage)

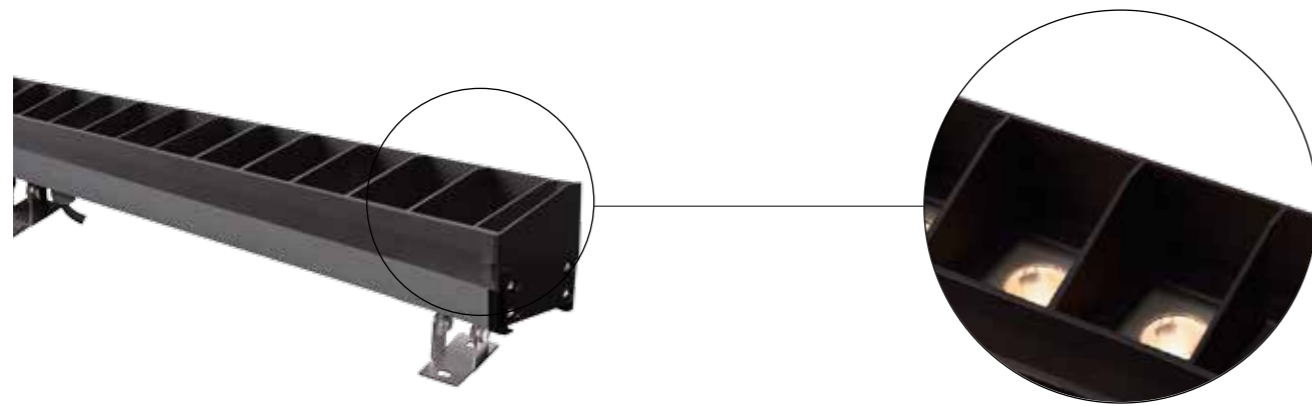
Optional Honeycomb Louver



6K Series

Optional Accessories - Anti Glare

Bevel cut anti-glare reflector 6001



B6KA1257	B6KC1257
S6KA1257	S6KC1257



B6KA2457	B6KC2457
S6KA2457	S6KC2457

Basic Unit : 240x48x44mm



6001



+

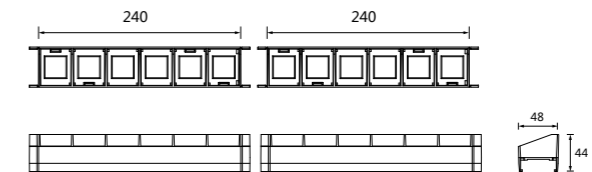


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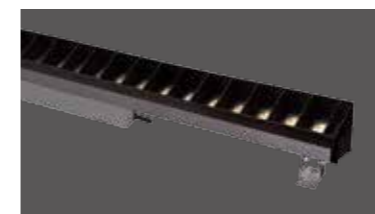
B6KA1257 B6KC1257 S6KA1257 S6KC1257

Unit:mm



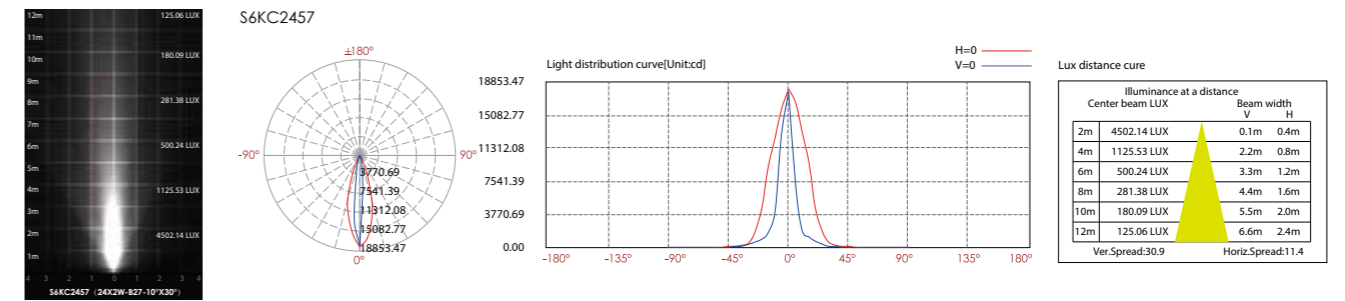
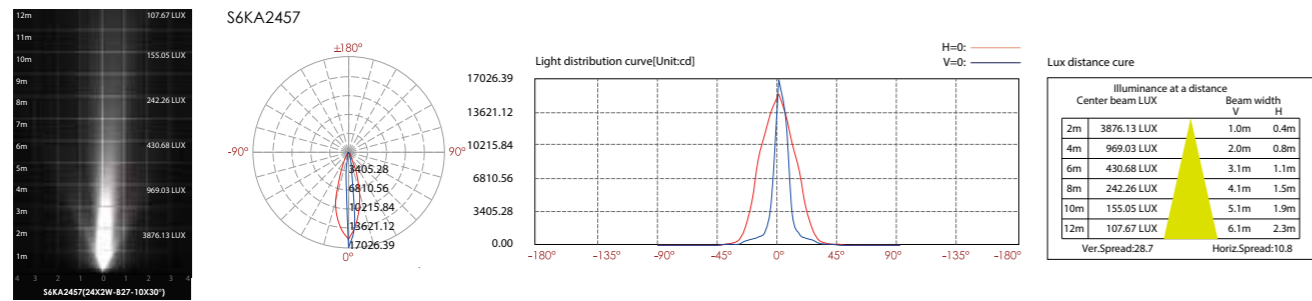
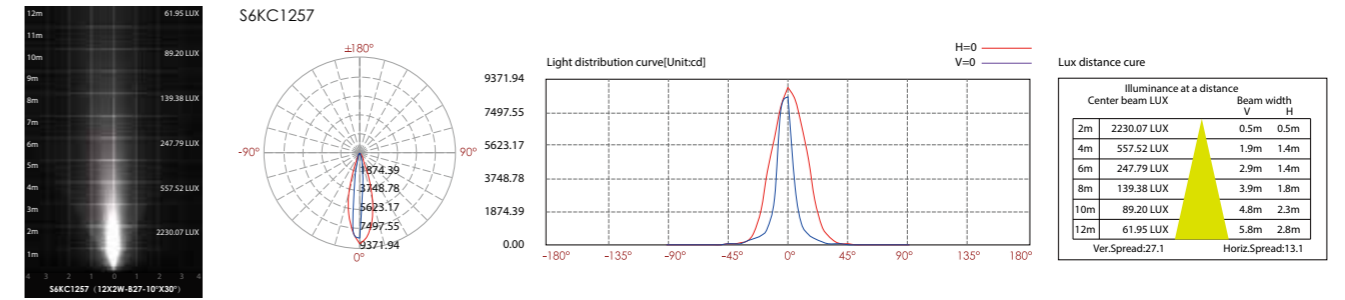
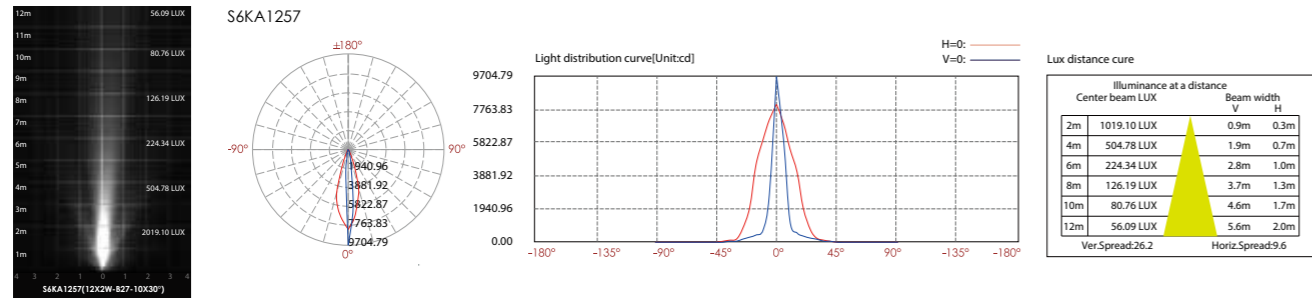
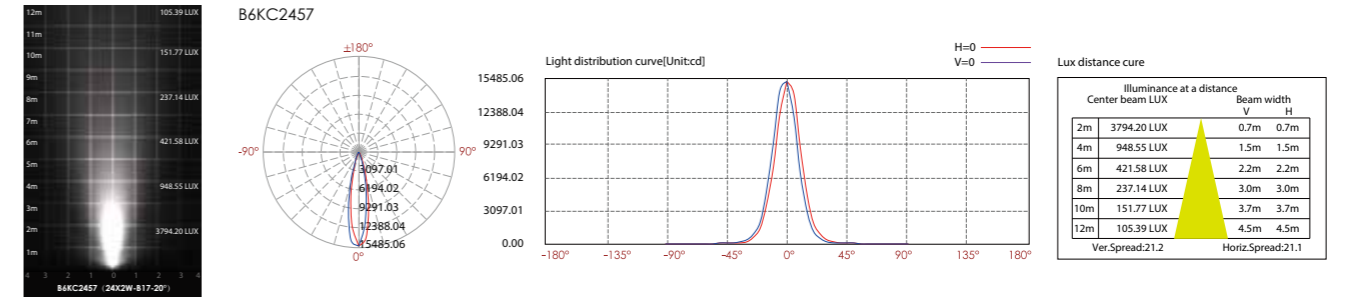
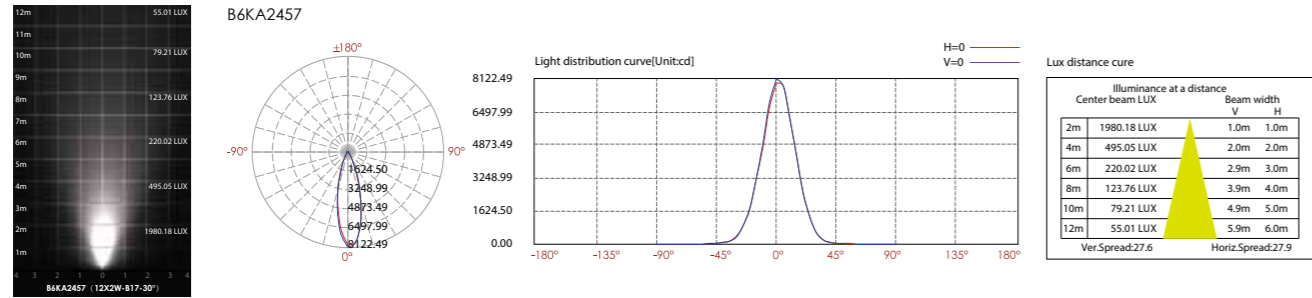
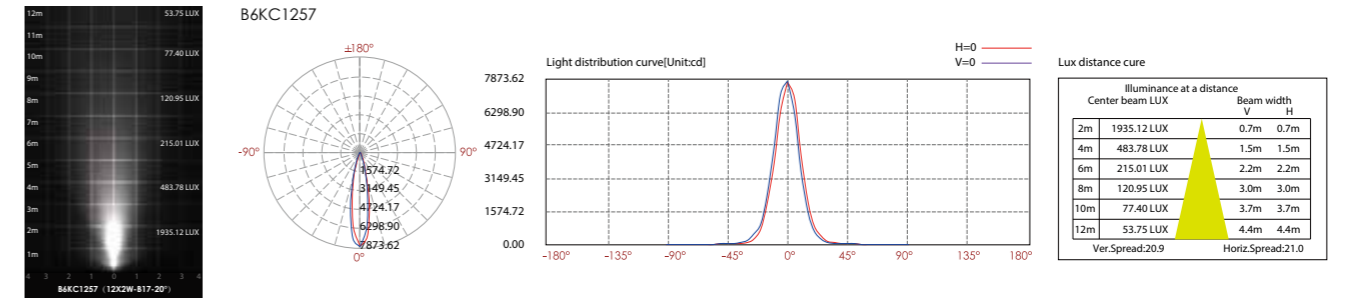
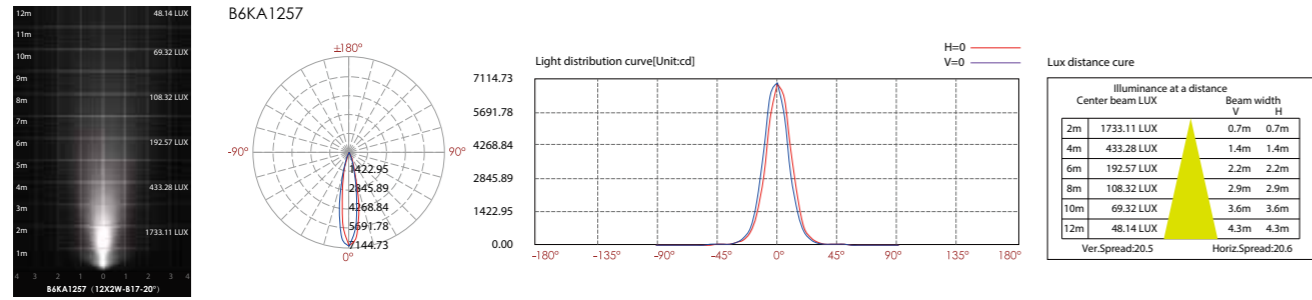
B6KA2457 B6KC2457 S6KA2457 S6KC2457

Unit:mm



TECHNICAL DATA

LINEAR BEAM



Linear Beam 24V DC
IP-66 High Luminance Wall Washer



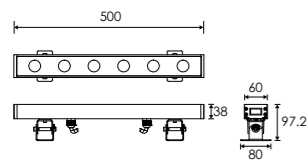
S6LA0658
S6LA1258

LED COLOUR TEMPERATURE

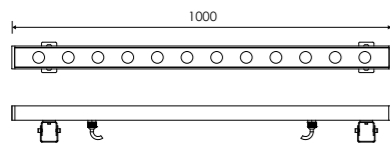
2000K · 3000K · 6000K

OUTER DIMENSIONS

Unit:mm

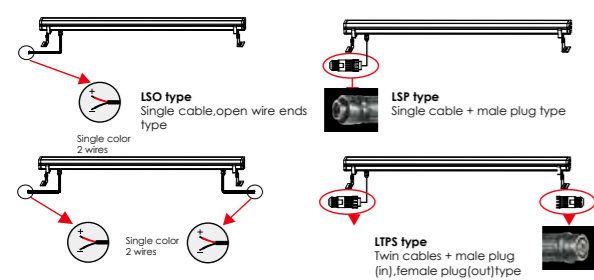


S6LA0658



S6LA1258

Low voltage input (24VDC) power cord model



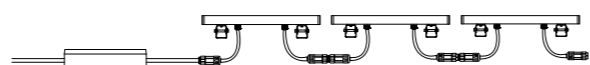
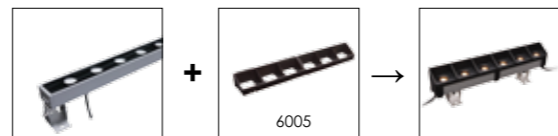
OPTICS



MATERIAL SPECIFICATIONS

Housing	Extruded aluminum, powder coated
Lens	Optical lens, efficiency ≥ 85%
Light Window	Tempered glass, T=4mm
Cable gland	IP-68 PG-13.5 PA66
Gasket	Glass and housing are silicone sealed
LED	NICHIA SMD 3535
Operating temperature	-20°C ~ 40°C
Bracket	12# Die-casting powder coated aluminum
Power Cable	H07RN-F 2x1.5mm ² L=0.25m
Dimmable Support	Triac PWM 1-10V Dali

Optional Honeycomb Louver



TECHNICAL DATA

Item	Light source	Lens	The manufacturer selected lens degree(°)θ1/2	Length L=(mm)	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
S6LA0658	6X4W Nichia	A24	15°/30°	525	24V DC	24V = 1200	24V = 28.8	Cool white = 1930 Warm white = 1583	05
S6LA1258	12X4W Nichia	A24	15°/30°	1025	24V DC	24V = 2380	24V = 57.6	Cool white = 3976 Warm white = 3261	05

LINEAR BEAM

Linear Beam 120/240V
IP-66 High Luminance Wall Washer



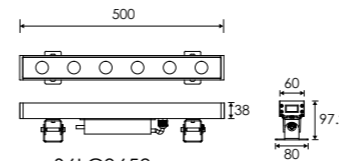
S6LC0658
S6LC1258

LED COLOUR TEMPERATURE

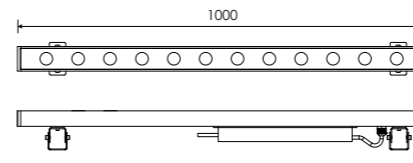
2000K · 3000K · 6000K

OUTER DIMENSIONS

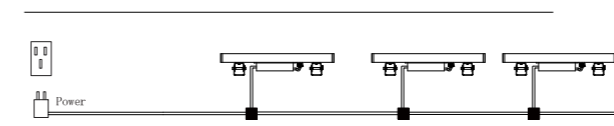
Unit:mm



S6LC0658



S6LC1258



High voltage input (100V-240V) power cord wiring model



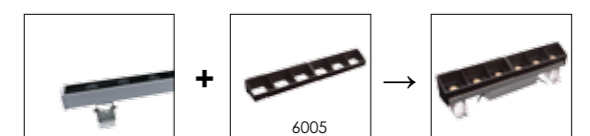
OPTICS



MATERIAL SPECIFICATIONS

Housing	Extruded aluminum, powder coated
Lens	Optical lens, efficiency ≥ 85%
Light Window	Tempered glass, T=4mm
Cable gland	IP-68 PG-9 PA66
Gasket	Glass and housing are silicone sealed
LED	NICHIA SMD 3535
Operating temperature	-20°C ~ 40°C
Bracket	12# Die-casting powder coated aluminum
Power Cable	H05RN-F 3X1.0mm ² L=0.5m

Optional Honeycomb Louver



TECHNICAL DATA

Item	Light source	Lens	The manufacturer selected lens degree(°)θ1/2	Length L=(mm)	Input voltage(V)	Typical operating current(mA)	Typical consumption(W)	Typical luminance(lm)	IK rate
S6LC0658	6X4W Nichia	A24	15°/30°	525	120/240V	120V = 222 240V = 114	120V = 26 240V = 26.1	Cool white = 1930 Warm white = 1583	05
S6LC1258	12X4W Nichia	A24	15°/30°	1025	120/240V	120V = 425 240V = 214	120V = 50 240V = 51	Cool white = 3976 Warm white = 3261	05

6L Series

Optional Accessories - Anti Glare

Bevel cut anti-glare reflector 6005



A6LA0658
S6LA0658

A6LA1258
S6LA1258



A6LC0658
S6LC0658

A6LC1258
S6LC1258

Basic Unit: 250x70.7x53.8mm

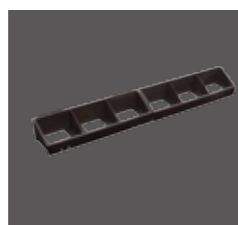


6005



402
402

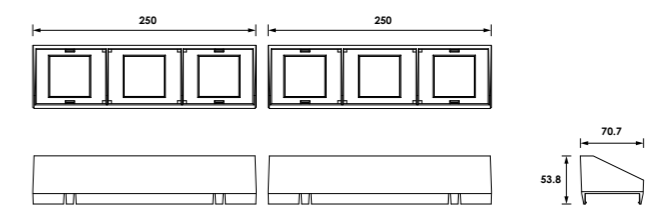
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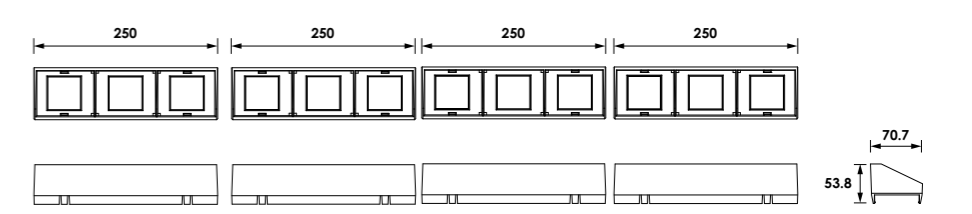
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A6LA0658 S6LA0658 A6LC0658 S6LC0658 Unit:mm

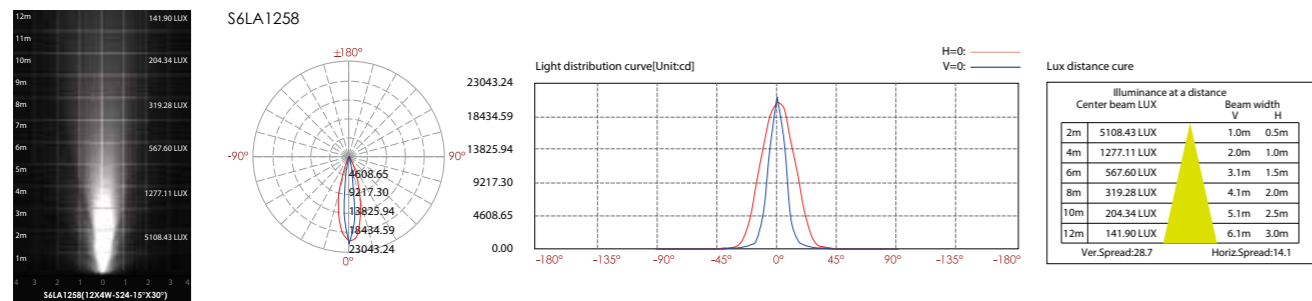
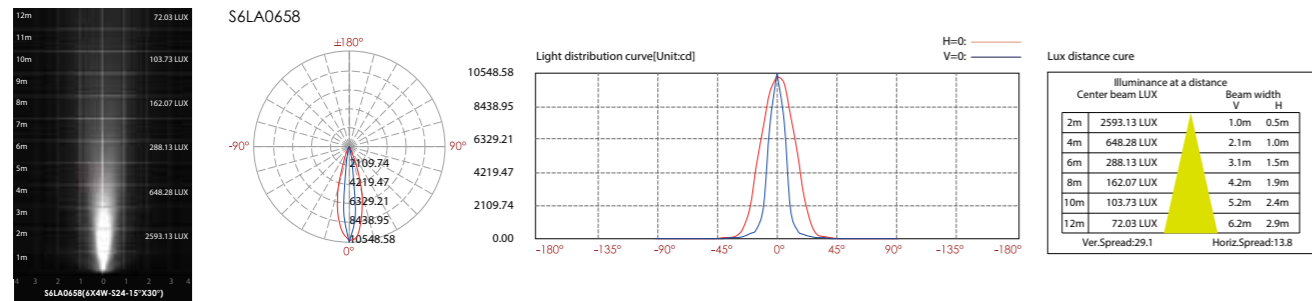
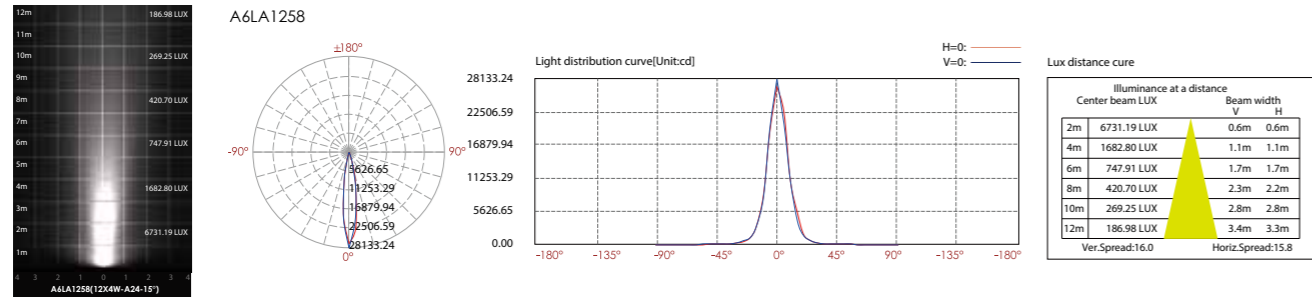
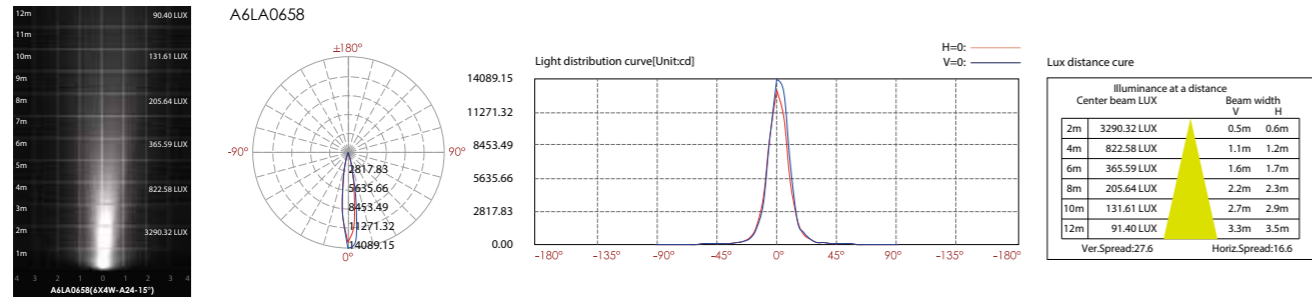


A6LA1258 S6LA1258 A6LC1258 S6LC1258 Unit:mm

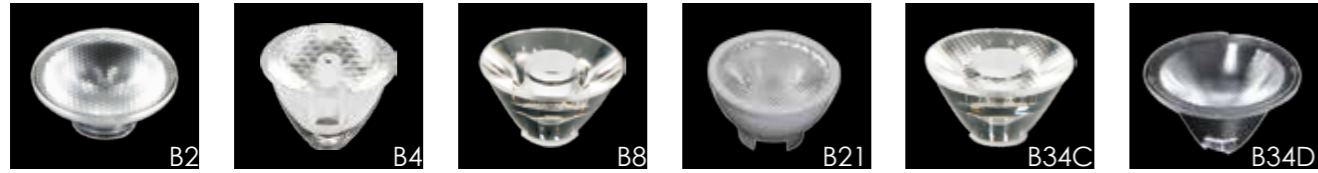


403
403

TECHNICAL DATA

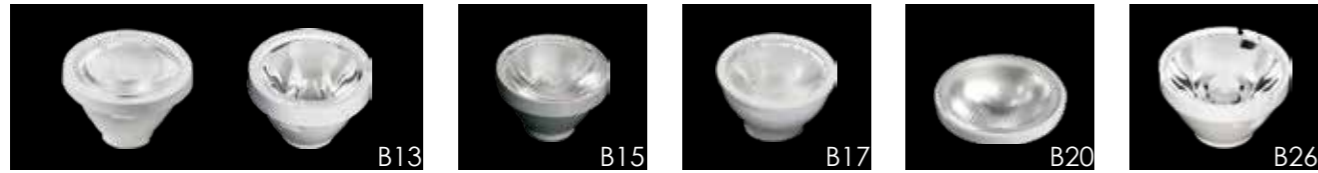


1. Individual lens for series B Item



L0130D022MS 30° L0130D027MS 30° L0125D023KP 25° L0135D020ME 35° L0115C023YH 15° L0130F023YH 30°

Remark:
Above lens are suitable for IQ type LED only.

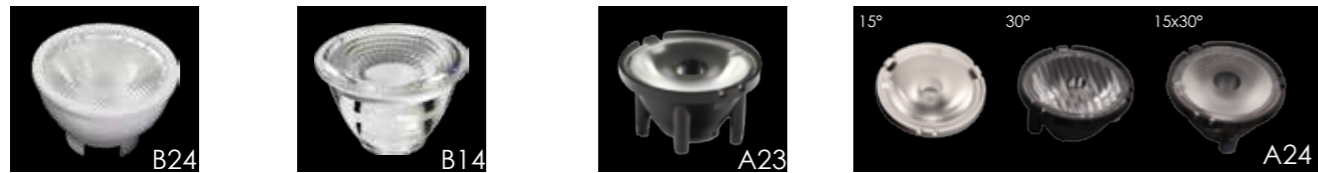


L0106D023LK 6° L0120D023LK 20° L0115D016LK 15° L0115D020ME 15° L0130D024KP 30° L0108C021YT 8°
L0113D023LK 13° L0130D023LK 30° L0120D016LK 20° L0130D020ME 30° L0150D020ME 50° L0130D016LK 30°



L0113D021YT 13° L0120F024PS 20° L0115D023YH 15° L0109F023YH 9° L0106C023PS 6° L0130D014YH 30°
L0125D021YT 25° L0125F024PS 25° L0120D023YH 20° L0110C023PS 10° L0140D014YH 40°
L0130D021YT 30° L0130F024PS 30° L0130D023YH 30° L0145D023YH 45°
L0110/30D021YM 10°*30° L0135F024PS 35° L0145D023YH 45°
L0110/45D021YM 10°*45° L0145F024PS 45°
L0110/75D021YM 10°*75°

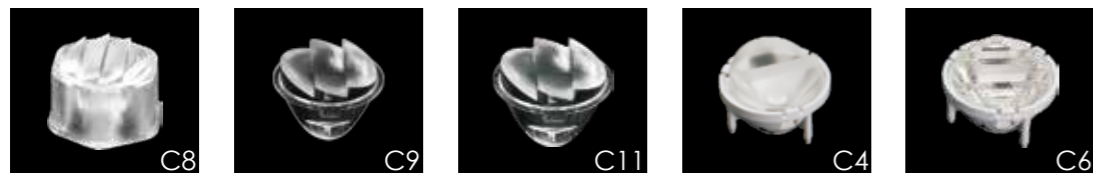
Remark:
Above lens are suitable for SMD 3535 and SMD 3030 type LED only.



L0125D020ME 25° L0130F050KP 30° L0115F038KT 15° L0115D038LK 15° L0130D038LK 30° L0115D038LK 15°X30°
L0145F050KP 45° L0122F038KT 22° L0122F038KT 22° L0115D038LK 15°X30°
30

Remark: Above lens are suitable for SMD 5050 type LED only.
Remark: Above lens are suitable for COB type LED only.
Remark: Above lens is suitable for RGBW Module type LED only.

2. Asymmetrical lens for series C Item



L01 45/35 F024PS L01 45/35 F023YH L01 45/35 F019HZ L01 45/35 F026KP L01 45/35 F026KP

Remark:
(1) C8, C9, C11 lens are suitable for SMD 3535 type LED only.
(1) The three lens are not exchangeable for the same fitting.



L01 50/35 F026ST L01 50/35 F020KP L01 50/35 F023KP

Remark:
(1) C1, C3, C10 lens are suitable for IQ type LED only.
(1) The three lens are not exchangeable for the same fitting.



R1 R2 R3 R4
R0124C111RD 24° R0112C085RD 12° R0125C061HM 25° R0125C045YG 25°
R0140C111RD 40° R0124C085RD 24°



R5 R7 R8 R9
R0118C044XL 18° R0118C035XL 18° R0115C050XL 15° R0115C069XL 15°
R0125C044XL 25° R0124C035XL 24° R0124C050XL 24° R0124C069XL 24°
R0140C044XL 40° R0132C035XL 32° R0138C050XL 38° R0138C069XL 38°
R0160C050XL 60°



R10 R11 R14 R16
R0115C075XL 15° R0112C095XL 12° R0115C044SH 15° R0112C110XL 12°
R0124C075XL 24° R0124C095XL 24° R0125C044SH 25° R0112C110XL 25°
R0138C075XL 38° R0140C044SH 40° R0160C044SH 60° R0112C110XL 38°



R17 R18 R19 R20
R0112C069XL 12° R0112C075XL 12° R0110C095XL 10° R0115C075XL 15°
R0118C069XL 18° R0122C075XL 22° R0122C095XL 22° R0130C075XL 30°
R0132C069XL 32° R0135C075XL 35° R0138C095XL 38° R0140C075XL 40°
R0155C075XL 55°

General list of mounting sleeve

Item No.	Reference picture	Dimensions	Item No.	Reference picture	Dimensions
011			021		
012			022		
013			023		
014			024		
015			025		
016			026		
017			031		
018			032		
019			033		
020			034		

General list of mounting sleeve

Item No.	Reference picture	Dimensions	Item No.	Reference picture	Dimensions
035			058		
041			059		
051			060		
052			061		
053			062		
054			063		
055			064		
056			065		
057			066		

General list of mounting sleeve

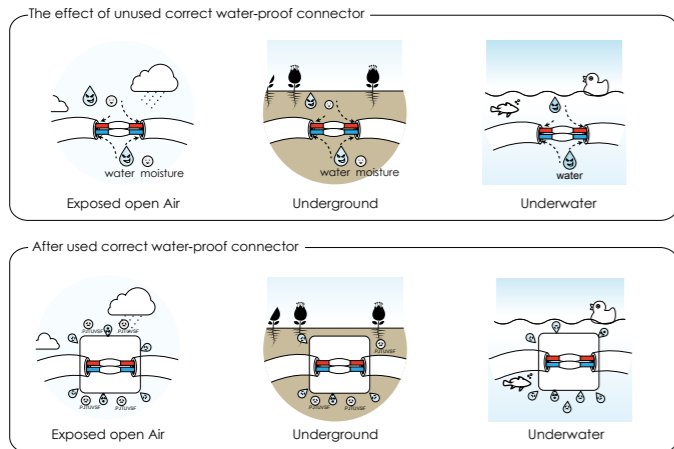
Item No.	Reference picture	Dimensions	Item No.	Reference picture	Dimensions
067			076		
068			077		
069			078		
070			081		
071			082		
072			083		
073			084		
074			085		
075			086		

General list of mounting sleeve

Item No.	Reference picture	Dimensions	Item No.	Reference picture	Dimensions
087			130		
088			131		
089			132		
108			135		
121			136		
122			137		
125			138		
126					
127					

How to dispose the outdoor light connector correctly

Precaution of water prevention and moisture to enter the lamp through power cable IP65 / IP66 IP68, According to the research and test. The water infiltration is one of the biggest damage to the outdoors fixture. The following pictures are those typical circumstances will take place:



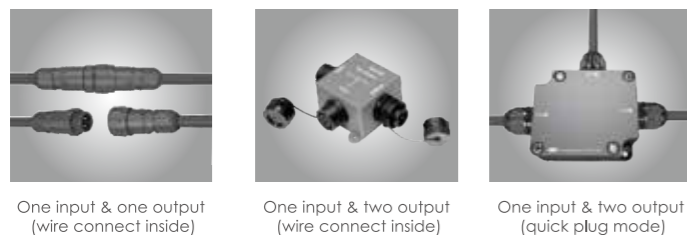
Why use the water-proof connector?

When the fixture is turned on, the inside temperature will increase as the operating time goes. Conversely when the lamp stops working, the temperature will slowly drop. This phenomenon will cause "The Siphon effect". Thermal expansion and contraction makes the inside and outside air pressure differences. The vapor will infiltrate to the housing through the wire entry as soon as the internal air pressure is smaller than the external. The infiltration is caused by several incorrect connections like the picture below:



The best and easiest ways to prevent the water filtration are by isolating directly

We recommend using the water-proof connector like the following pictures. The connector was developed especially for outdoors lightings to make sure the fixture is protected.



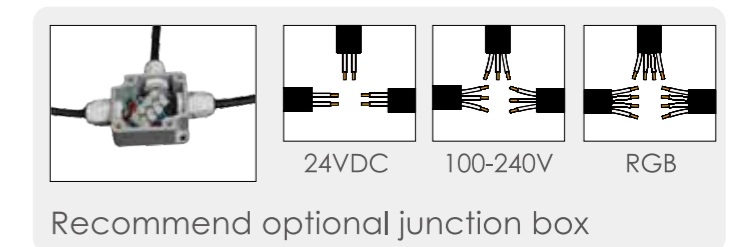
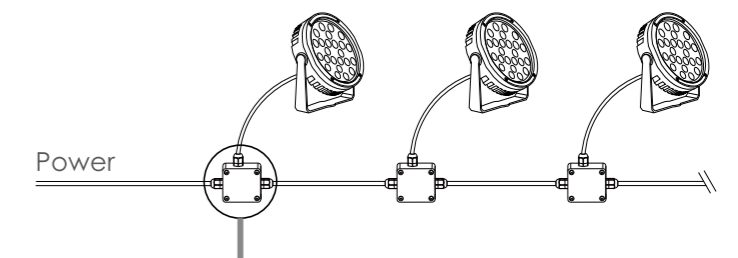
PG-19211 cable gland connector box



Specification

Housing	Flame resistant PC+fiber(Fire resistance PC fire resistance V-0)
Cable gland	Port 1:IP68 PG-9 for connecting luminaire Port 2 & Port 3:IP68 PG-11 for power input and power output to the next connector box Port 2 and Port 3 are non-directional
Block terminal	4 pins inside
Waterproof rate	IP-65
Cable outside-dimension	Max 10mm
Outer dimension	118×84×35mm

Connection Demo



1. Open-end wire connection as the illustration above
2. Please choose the appropriate main cable for the total power to be applied.
3. Installers should prepare the main cables and waterproof connectors, or buy from Kapego.
4. Please take reference as fixtures' specs for its working current.

IP67

Water-proof IP-67 Jiffy quick plug/socket connector S type



Specifications

Housing materia	Housing fire resistance nylon fire resistance V-0
Pin	Brass
Maxmum loading current	15A/pin
Voltage	500V

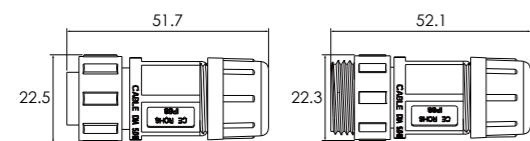
Plug

	Front view				
	Item No.	M02	M03	M04	M05
	Description	2-Pin plug	3-Pin plug	4-Pin plug	5-Pin plug

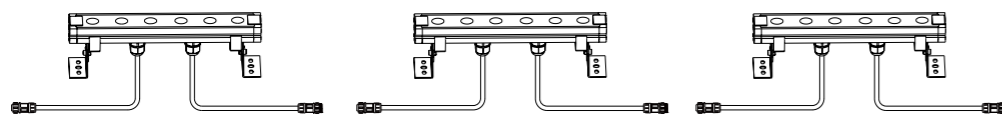
Socket

	Front view				
	Item No.	F02	F03	F04	F05
	Description	2-Pin socket	3-Pin socket	4-Pin socket	5-Pin socket

Outer Dimensions



Connection demo (fixting with I plug socket)



IP67

Water-proof Jiffy quick plug/socket Sub-unit T type



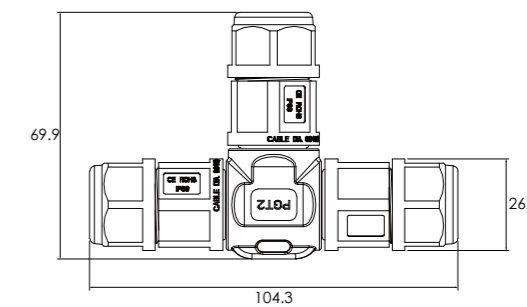
Specifications

IP Rate	67
Housing Material	Water-proof lid before connecting for safty and to protect

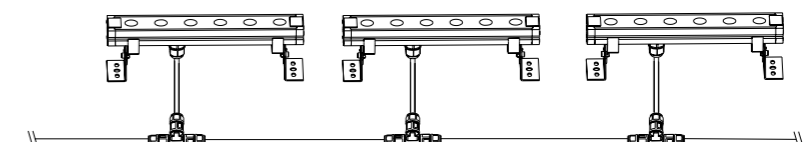
Application

Item	To2	To3	To4
Pin number.	2	3	4
Suitable Range	Low input-Voltage Fixture	High Input- Voltage Fixture	RGB Color Changing Fixture

Outer Dimensions



Connection demo (Fixture with I plug)



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