



LLG

SPECIALISTE EN ECLAIRAGE LED

LLG

76 Rue Duhesme, 75018 Paris
Tél : 09 83 54 88 83
E-mail : contact@llg-groupe.com
<https://www.llg-groupe.com>



LLG

V03

P.003-038----- LED Recessed Wall Light

P.039-091----- Inground Light

P.092-126----- Spot Light

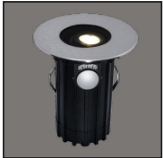
P.127-139----- Wall Washer

P.140-178----- Surface Mounting Wall Light

P.179-188----- Ceiling Down Light

P.189-202----- Pole Light

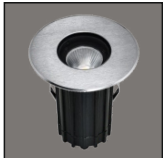
INGROUND LIGHT



P39



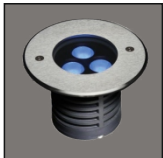
P41



P45



P47



P50



P50



P50



P51



P53



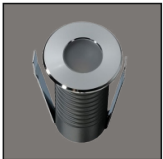
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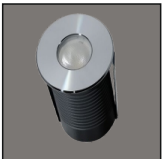
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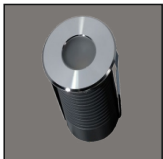
P58



P58



P61



P61



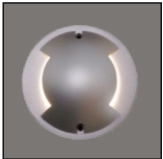
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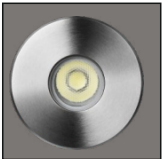
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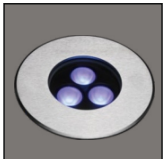
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P67



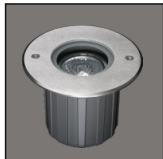
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P71



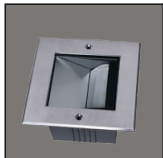
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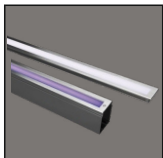
P73



P75



P77



P79



P82



P83



P85



P88



P89

SPOT LIGHT



P92



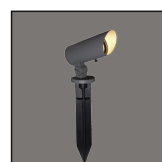
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P98



P101



P103



P106



P108



P110



P112



P114



P116



P118

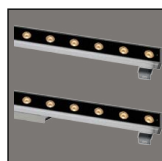


P120

WALL WASHER



P127



P135

SURFACE MOUNTING WALL LIGHT



P140



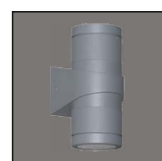
P142



P144



P145



P146



P147



P148



P149



P150



P151



P152



P154



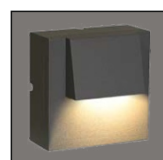
P156



P159



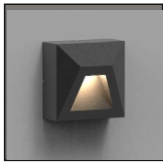
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P160



P160



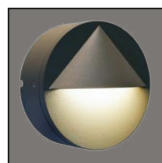
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P160



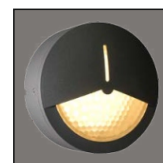
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P162



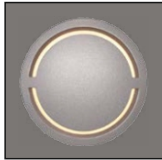
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P162



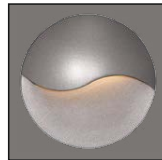
P162



P164



P164



P164



P166



P167



P168



P170



P172



P175



P177

CEILING DOWN LIGHT



P180



P182



P184



P186

POLE LIGHT



P189



P190



P191



P192



P193



P194



P196



P197



P198



P199



P200



P201



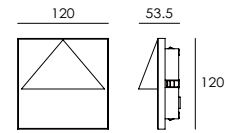
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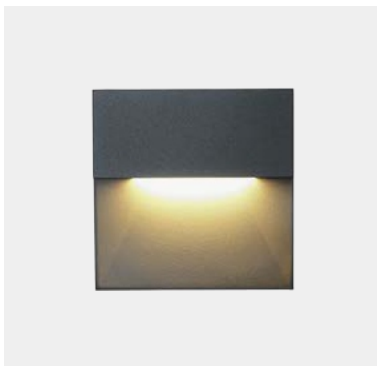
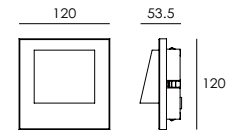
ITEM
D1CY0934
LIGHT SOURCE
9×0.5W
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=250 120V=83 240V=46
CONSUMPTION(W)
24V=6 120V=6.3 240V=6.3
LUMINANCE(LM)
157
IK

OUTER DIMENSIONS (Unit: mm)



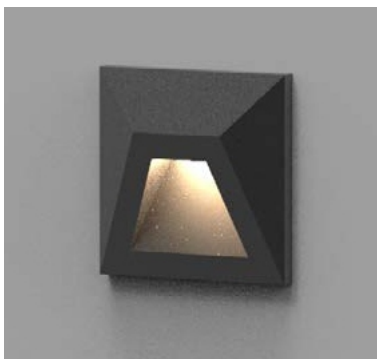
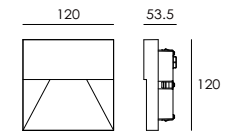
ITEM
D1CX0934
LIGHT SOURCE
9×0.5W
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=250 120V=83 240V=46
CONSUMPTION(W)
24V=6 120V=6.3 240V=6.3
LUMINANCE(LM)
172
IK

OUTER DIMENSIONS (Unit: mm)



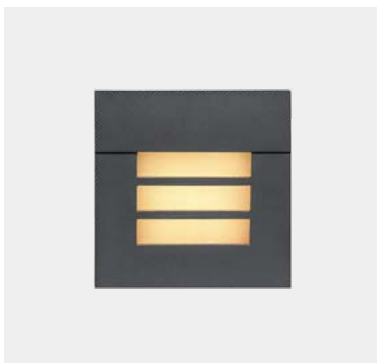
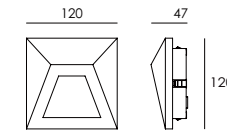
ITEM
D1CZ0934
LIGHT SOURCE
9×0.5W
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=250 120V=82 240V=46
CONSUMPTION(W)
24V=6 120V=6.3 240V=6.3
LUMINANCE(LM)
105
IK

OUTER DIMENSIONS (Unit: mm)



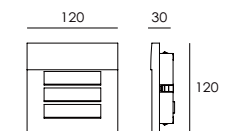
ITEM
D1CW2832
LIGHT SOURCE
1×2W
INPUT VOLTAGE(V)
DC 24V
OPERATING CURRENT(MA)
100
CONSUMPTION(W)
2.4
LUMINANCE(LM)
CW=54 WW=49
IK
10

OUTER DIMENSIONS (Unit: mm)

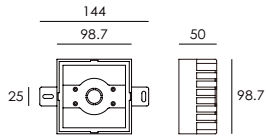
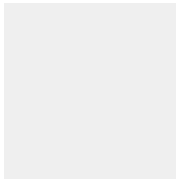


ITEM
D1CW2832
LIGHT SOURCE
28×0.08W
INPUT VOLTAGE(V)
DC 24V 240V
OPERATING CURRENT(MA)
24V=105 240V=16
CONSUMPTION(W)
24V=2.5 240V=2.5
LUMINANCE(LM)
84
IK

OUTER DIMENSIONS (Unit: mm)



SLEEVE (Included)



Recessed Sleeve 150#

OPTIONAL LED CCT

2,000K · 3,000K · 6,000K

FRONT COVER COLOR OPTION

Basic



Sanded Dark Grey
KAP 7037

Secondary



Sanded Black
RAL 9005



Silver Grey
KAP 9022

DATASHEET

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

LIGHT WINDOW PC

GASKET Tooling shaped seal

RECESSED SLEEVE PC/ABS ALLOYS 150#

LED DRIVER Constant Voltage Input, Constant Current Output

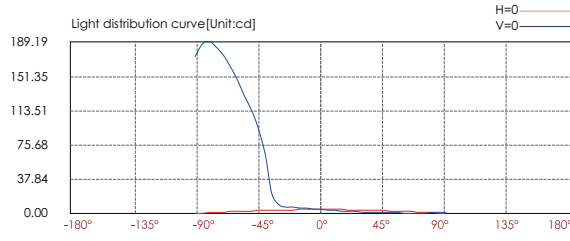
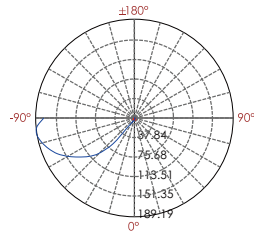
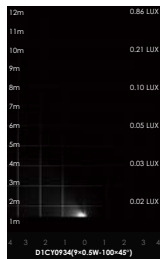
OPERATING TEMPERATURE -20°C~40°C

POWER CABLE H05RN-F 3×1.0mm² L=0.3m(high voltage)

IP

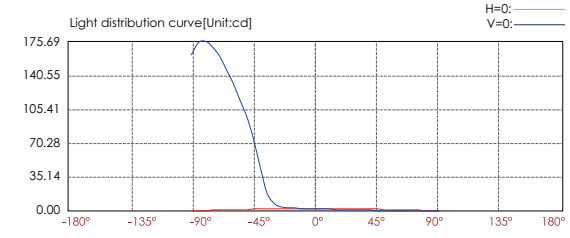
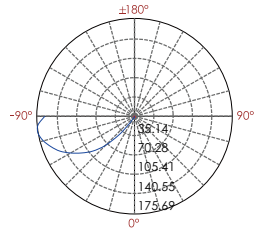
DIMMABLE SUPPORT

PHOTOMETRIC



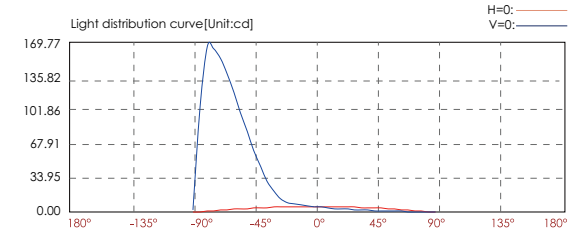
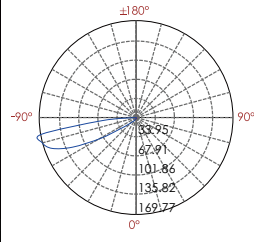
Lux distance curve

Illuminance at a distance			
Center beam LUX	Beam width V	Beam width H	
2m 1.06 LUX	4.7m	1.6m	
4m 0.27 LUX	9.5m	3.2m	
6m 0.12 LUX	14.2m	4.8m	
8m 0.07 LUX	18.9m	6.4m	
10m 0.04 LUX	23.6m	8.0m	
12m 0.03 LUX	28.4m	9.7m	
Vert.Spread:99.6 Horiz.Spread:43.8			



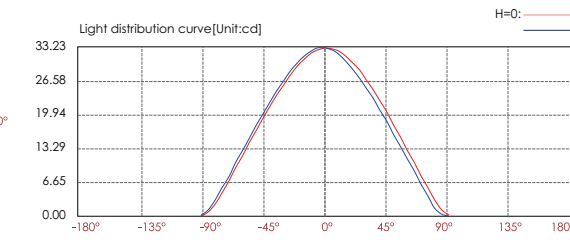
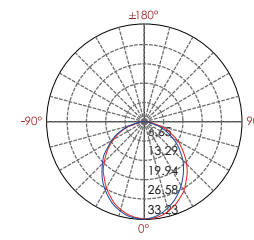
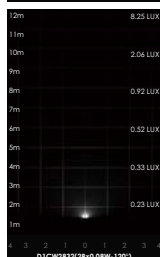
Lux distance curve

Illuminance at a distance			
Center beam LUX	Beam width V	Beam width H	
2m 0.57 LUX	4.2m	1.5m	
4m 0.14 LUX	8.3m	3.0m	
6m 0.06 LUX	12.5m	4.5m	
8m 0.04 LUX	16.6m	5.9m	
10m 0.02 LUX	20.8m	7.4m	
12m 0.02 LUX	24.9m	8.9m	
Vert.Spread:92.2 Horiz.Spread:40.8			



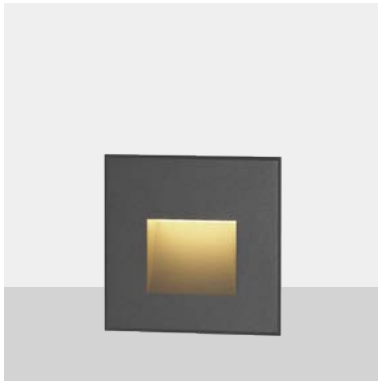
Lux distance curve

Illuminance at a distance			
Center beam LUX	Beam width V	Beam width H	
2m 0.52 LUX	3.5m	0.8m	
4m 0.13 LUX	6.9m	1.6m	
6m 0.06 LUX	10.4m	2.4m	
8m 0.03 LUX	13.8m	3.2m	
10m 0.02 LUX	17.3m	4.0m	
12m 0.01 LUX	20.8m	4.8m	
Vert.Spread:81.7 Horiz.Spread:22.6			



Lux distance curve

Illuminance at a distance			
Center beam LUX	Beam width V	Beam width H	
2m 8.25 LUX	5.1m	4.9m	
4m 2.06 LUX	10.1m	9.8m	
6m 0.92 LUX	15.2m	14.7m	
8m 0.52 LUX	20.3m	19.6m	
10m 0.33 LUX	25.3m	24.5m	
12m 0.23 LUX	30.4m	29.4m	
Vert.Spread:103.5 Horiz.Spread:101.7			



ITEM
D1HA1034

LIGHT SOURCE
10×0.5W

INPUT VOLTAGE(V)
DC 24V 120/240V

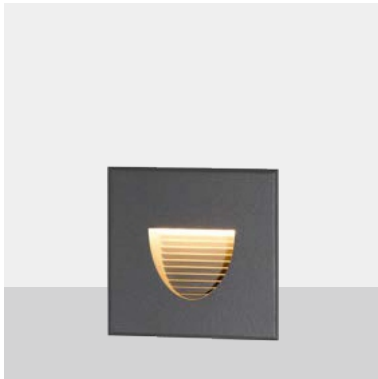
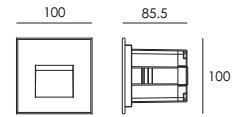
OPERATING CURRENT(MA)
24V=230 120V=100 240V=60

CONSUMPTION(W)
24V=5.5 120V=6.8 240V=6.5

LUMINANCE(LM)
CW=124.6 WW=112.9

IK
10

OUTER DIMENSIONS (Unit: mm)



ITEM
D1HB1034

LIGHT SOURCE
10×0.5W

INPUT VOLTAGE(V)
DC 24V 120/240V

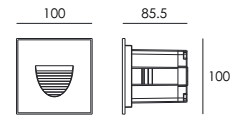
OPERATING CURRENT(MA)
24V=230 120V=100 240V=60

CONSUMPTION(W)
24V=5.5 120V=6.8 240V=6.5

LUMINANCE(LM)
CW=103 WW=94.5

IK
10

OUTER DIMENSIONS (Unit: mm)



ITEM
D1HE1634

LIGHT SOURCE
16×0.2W

INPUT VOLTAGE(V)
DC 24V 120/240V

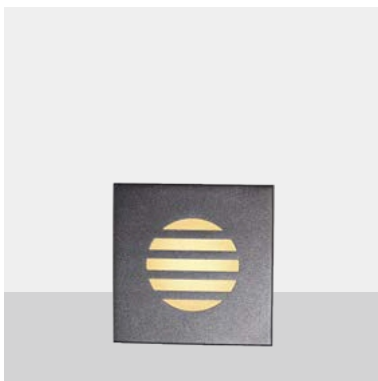
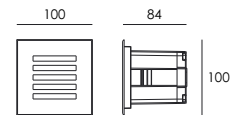
OPERATING CURRENT(MA)
24V=125 120V=58 240V=34

CONSUMPTION(W)
24V=3 120V=3.7 240V=3.8

LUMINANCE(LM)
CW=50 WW=45

IK
09

OUTER DIMENSIONS (Unit: mm)



ITEM
D1HC1634

LIGHT SOURCE
16×0.2W

INPUT VOLTAGE(V)
DC 24V 120/240V

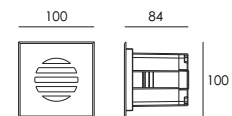
OPERATING CURRENT(MA)
24V=125 120V=58 240V=34

CONSUMPTION(W)
24V=3 120V=3.7 240V=3.8

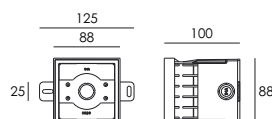
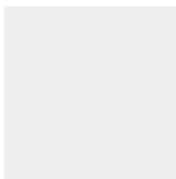
LUMINANCE(LM)
CW=35 WW=32

IK
09

OUTER DIMENSIONS (Unit: mm)



SLEEVE (Included)



Recessed Sleeve **092#**

OPTIONAL LED CCT

2,000K · 3,000K · 6,000K

HOUSING COLOR OPTION

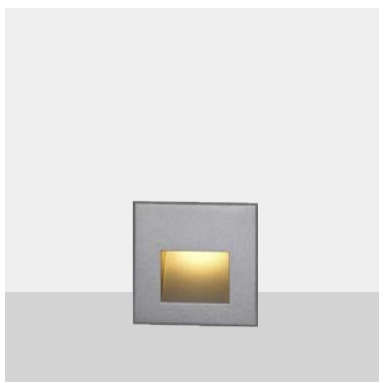
Basic

Sanded Dark Grey
KAP 7037

Secondary

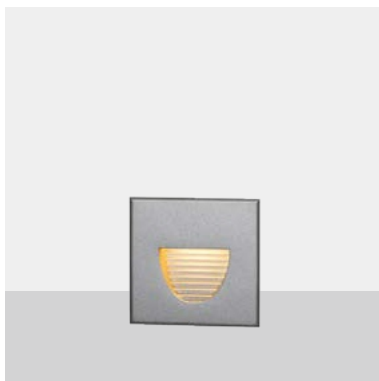
Sanded Black
RAL 9005

Silver Grey
KAP 9022



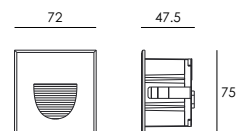
ITEM	D1GA0334
LIGHT SOURCE	3×0.7W
INPUT VOLTAGE(V)	DC 24V 120/240V
OPERATING CURRENT(MA)	24V=110 120V=48 240V=29
CONSUMPTION(W)	24V=2.6 120V=3.1 240V=3.1
LUMINANCE(LM)	CW=39 WW=36
IK	10

OUTER DIMENSIONS (Unit: mm)

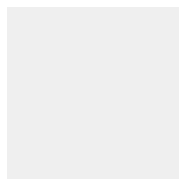


ITEM	D1GB0334
LIGHT SOURCE	3×0.7W
INPUT VOLTAGE(V)	DC 24V 120/240V
OPERATING CURRENT(MA)	24V=110 120V=48 240V=29
CONSUMPTION(W)	24V=2.6 120V=3.0 240V=3.1
LUMINANCE(LM)	CW=25 WW=22
IK	10

OUTER DIMENSIONS (Unit: mm)



SLEEVE (Included)



Recessed Sleeve 139#



OPTIONAL LED CCT

2,000K · 3,000K · 6,000K

HOUSING COLOR OPTION

Basic	Secondary	
		
Sanded Dark Grey KAP 7037	Sanded Black RAL 9005	Silver Grey KAP 9022

DATASHEET

FRONT COVER 12# Die-casting aluminum KAP7037 powder coated. T=60-80μm. Adhesion of ISO class 1/ASTM class 4B

HOUSING 12# Die-casting aluminum KAP7037 powder coated. T=60-80μm. Adhesion of ISO class 1/ ASTM class 4B

LIGHT WINDOW PC

CABLE GLAND IP67 Copper and nicked coated

GASKET Molding shaped silicone seal

RECESSED SLEEVE 139# Zinc plated mounting sleeve grey powder Coated, T=60-80μm. Adhesion of ISO class 1/ASTM class 4B

LED DRIVER Constant Voltage Input, Constant Current Output

OPERATING TEMPERATURE -20°C~40°C

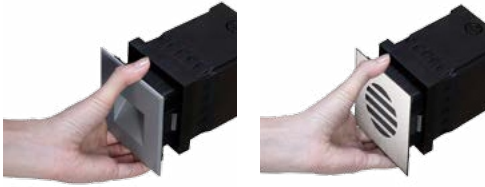
POWER CABLE H05RN-F 2×1.0mm² L=0.5m (low voltage)
H05RN-F 3×1.0mm² L=0.5m (high voltage)

LED SMD3030 type LED

IP IP65

DIMMABLE SUPPORT Triac · PWM · 1-10V · Dali (Please refer to p.333 to see more option and specification)

RECESSED 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.

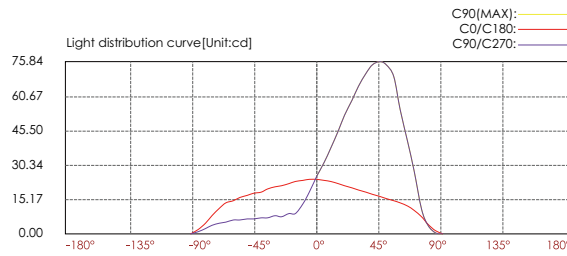
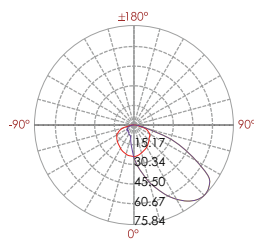


- There are two metal support plates on the bottom of the sleeve. It is used for fixing and preventing the mounting sleeve shifting while filling the concrete.
- These will simply install and electrician while they are recessing the sleeves.

DATASHEET

FRONT COVER	D1HA1034 / D1HB1034: 12# Die-casting aluminum KAP7037 powder coated. T=60-80μm. Adhesion of ISO class 1/ASTM class 4B D1HE1634 / D1HC1634: Hard chromeplated Stainless steel 316#
HOUSING	12# Die-casting RAL9005 powder coated aluminum. T=60-80μm. Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	PC
CABLE GLAND	IP67 copper and nicked coated
GASKET	Molding shaped silicone seal
RECESSED SLEEVE	PC/ABS ALLOYS 092#
LED DRIVER	Constant Voltage Input, Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2×1.0mm² L=0.5m (low voltage) H05RN-F 3×1.0mm² L=0.5m (high voltage)
LED	SMD3030 type LED
IP	IP65
DIMMABLE SUPPORT	Triac · PWM · 1-10V · Dali (Please refer to p.333 to see more option and specification)

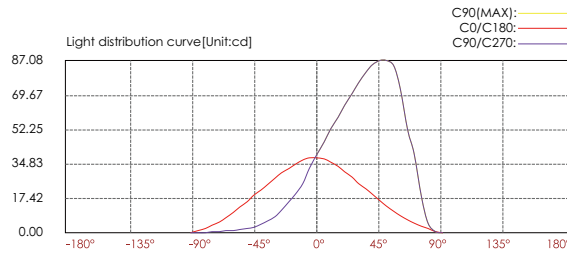
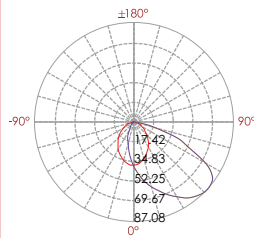
PHOTOMETRIC



Light distance curve

Illuminance at a distance			
Center beam LUX	Beam width		
	V	H	
2m	2.1m	3.5m	
4m	4.2m	7.0m	
6m	6.4m	10.6m	
8m	8.5m	14.1m	
10m	10.6m	17.6m	
12m	12.7m	21.1m	

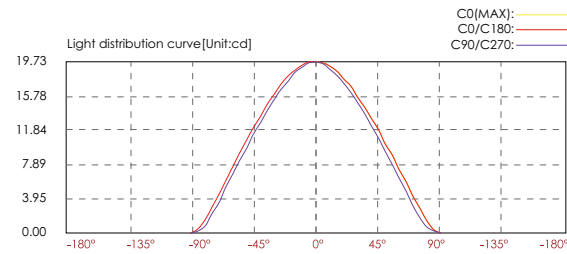
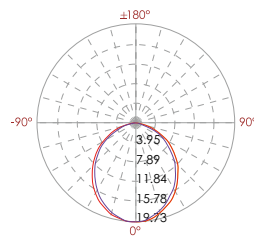
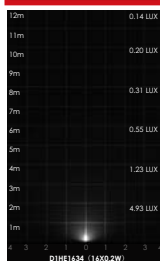
Ver. Spread: 55.9 Horiz. Spread: 82.7



Light distance curve

Illuminance at a distance			
Center beam LUX	Beam width		
	V	H	
2m	2.6m	3.3m	
4m	5.1m	6.5m	
6m	7.7m	9.8m	
8m	10.2m	13.1m	
10m	12.8m	16.3m	
12m	15.4m	19.6m	

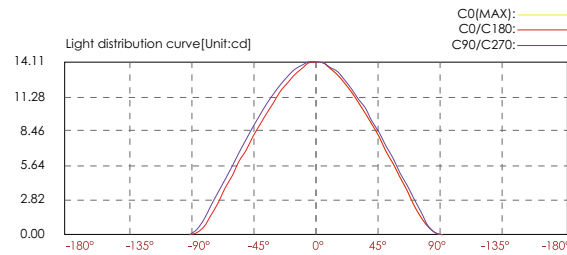
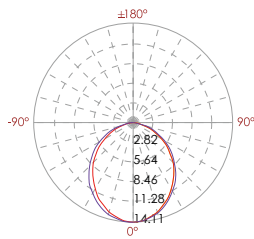
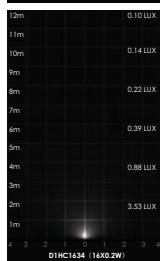
Ver. Spread: 65.3 Horiz. Spread: 78.6



Light distance curve

Illuminance at a distance			
Center beam LUX	Beam width		
	V	H	
2m	4.60m	5.20m	
4m	9.30m	10.3m	
6m	13.9m	15.5m	
8m	18.5m	20.6m	
10m	23.2m	25.8m	
12m	27.8m	30.9m	

Ver. Spread: 98.4 Horiz. Spread: 104.4



Light distance curve

Illuminance at a distance			
Center beam LUX	Beam width		
	V	H	
2m	5.10m	4.60m	
4m	10.3m	9.30m	
6m	15.4m	13.9m	
8m	20.5m	18.5m	
10m	25.7m	23.2m	
12m	30.8m	27.8m	

Ver. Spread: 104.2 Horiz. Spread: 98.4

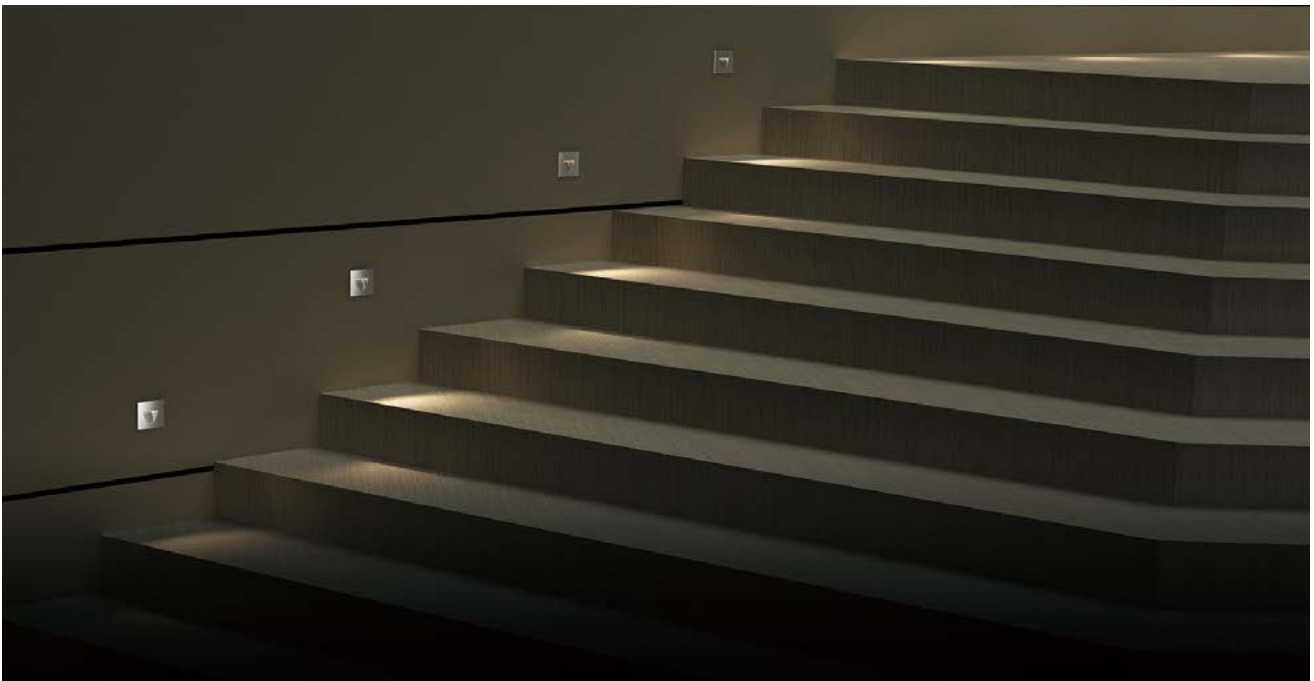
RECESSED SLEEVE CHARACTERISTIC



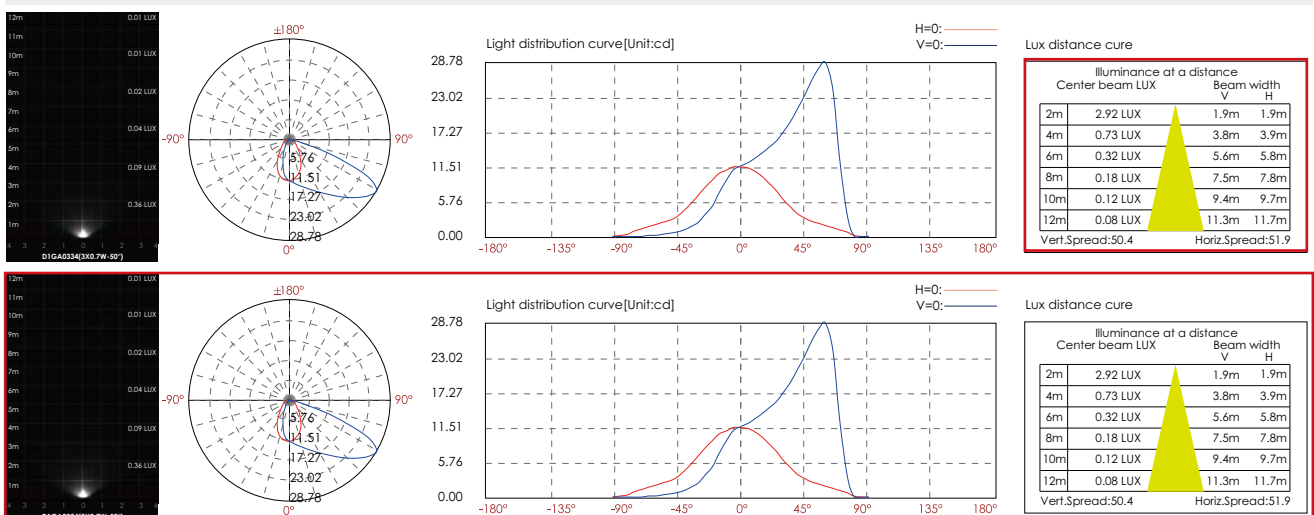
- The clips have been specially modified and upgraded to have a stronger structure in order to make up the absence of the screw fixing.

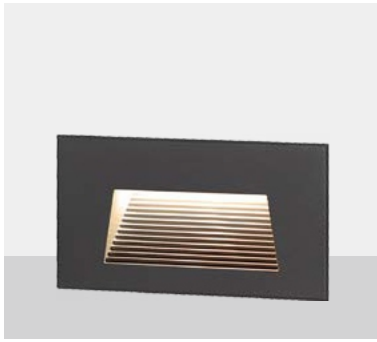


- There are two metal support plates on the bottom of the sleeve. It is used for fixing and preventing the mounting sleeve shifting while filling the concrete.
- These will simply install and electrician while they are recessing the sleeves.



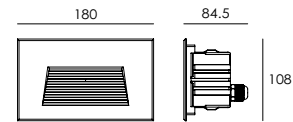
PHOTOMETRIC





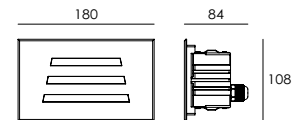
ITEM	
D1FA2034	
LIGHT SOURCE	
20×0.2W	
INPUT VOLTAGE(V)	
DC 24V 120/240V	
OPERATING CURRENT(MA)	
24V=227 120V=102 240V=57	
CONSUMPTION(W)	
24V=5.6 120V=6.8 240V=6.8	
LUMINANCE(LM)	
CW=131 WW=107	
IK	
10	

OUTER DIMENSIONS (Unit: mm)

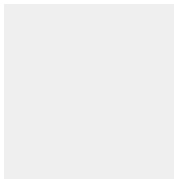


ITEM	
D1FC3634	
LIGHT SOURCE	
36×0.1W	
INPUT VOLTAGE(V)	
DC 24V 120/240V	
OPERATING CURRENT(MA)	
24V=235 120V=99 240V=55	
CONSUMPTION(W)	
24V=5.5 120V=6.7 240V=6.5	
LUMINANCE(LM)	
CW=180 WW=160	
IK	
09	

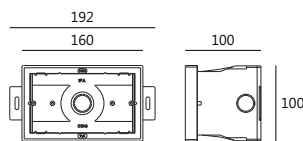
OUTER DIMENSIONS (Unit: mm)



SLEEVE (Included)



Recessed Sleeve 091#



OPTIONAL LED CCT

2,000K · 3,000K · 6,000K

HOUSING COLOR OPTION

Basic	Secondary
 Sanded Dark Grey KAP 7037	 Sanded Black RAL 9005
 Silver Grey KAP 9022	

DATASHEET

FRONT COVER	D1FF2034 / D1FA2034: 12# Die-casting aluminum KAP7037 powder coated T=60-80μm. Adhesion of ISO class 1/ASTM class 4B D1FD3634 / D1FC3634: Hard chromeplated Stainless steel 316#
HOUSING	12# Die-casting grey powder coated aluminum T=60-80μm. Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	PC
CABLE GLAND	IP-67 copper and nicked coated
GASKET	Molding shaped silicone seal
RECESSED SLEEVE	PC/ABS ALLOYS 091#
LED DRIVER	Constant Voltage Input, Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2×1.0mm² L=0.5m (low voltage) H05RN-F 3×1.0mm² L=0.5m (high voltage)
LED	SMD3030 type LED
IP	IP65
DIMMABLE SUPPORT	Triac · PWM · 1-10V · Dali(Please refer to p.333 to see more option and specification)

RECESSED SLEEVE CHARACTERISTIC

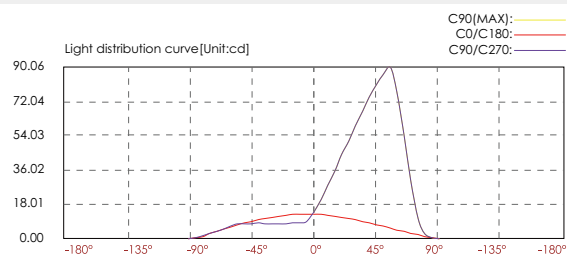
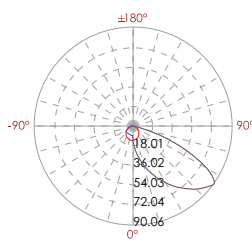


- The clips have been specially modified and upgraded to have a stronger structure in order to make up the absence of the screw fixing.



- 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 install and electrician while they are recessing the sleeves.

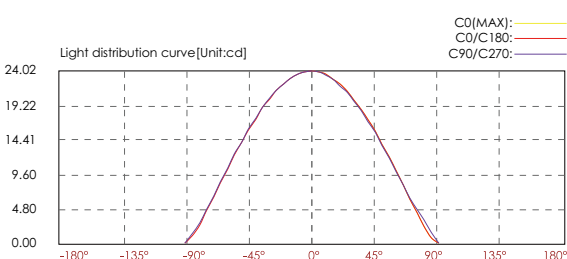
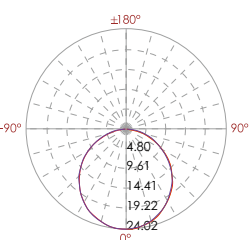
PHOTOMETRIC



Lux distance curve

Illuminance at a distance		Beam width	
Center beam LUX	V	H	
2m	3.25 LUX	1.70m	3.60m
4m	0.81 LUX	3.40m	7.20m
6m	0.36 LUX	5.10m	10.8m
8m	0.20 LUX	6.80m	14.4m
10m	0.13 LUX	8.50m	18.0m
12m	0.09 LUX	10.2m	21.6m

Ver. Spread: 46.2 Horiz. Spread: 84.0



Lux distance curve

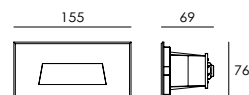
Illuminance at a distance		Beam width	
Center beam LUX	V	H	
2m	6.00 LUX	5.8m	5.8m
4m	1.50 LUX	11.7m	11.6m
6m	0.67 LUX	17.5m	17.5m
8m	0.38 LUX	23.3m	23.3m
10m	0.24 LUX	29.1m	29.1m
12m	0.17 LUX	35.0m	34.9m

Ver. Spread: 111.1 Horiz. Spread: 111.1



ITEM	D1CG0734
LIGHT SOURCE	7×0.5W
INPUT VOLTAGE(V)	DC 24V 120/240V
OPERATING CURRENT(MA)	24V=150 120V=72 240V=50
CONSUMPTION(W)	24V=3.5 120V=4.8 240V=4.8
LUMINANCE(LM)	CW=145 WW=137
IK	10

OUTER DIMENSIONS (Unit: mm)



ITEM	D1CA0734
LIGHT SOURCE	7×0.5W
INPUT VOLTAGE(V)	DC 24V 120/240V
OPERATING CURRENT(MA)	24V=150 120V=72 240V=50
CONSUMPTION(W)	24V=3.5 120V=4.8 240V=4.8
LUMINANCE(LM)	CW=140 WW=131
IK	10

OUTER DIMENSIONS (Unit: mm)

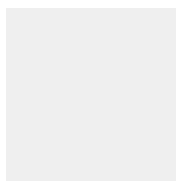


ITEM	D1CC1834
LIGHT SOURCE	18×0.2W
INPUT VOLTAGE(V)	DC 24V 120/240V
OPERATING CURRENT(MA)	24V=125 120V=56 240V=29
CONSUMPTION(W)	24V=3.0 120V=3.4 240V=3.9
LUMINANCE(LM)	CW=65 WW=56
IK	09

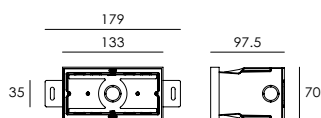
OUTER DIMENSIONS (Unit: mm)



SLEEVE (Included)



Recessed Sleeve 090#



OPTIONAL LED CCT

2,000K · 3,000K · 6,000K

HOUSING COLOR OPTION

Basic



Sanded Dark Grey
KAP 7037

Secondary



Sanded Black
RAL 9005



Silver Grey
KAP 9022

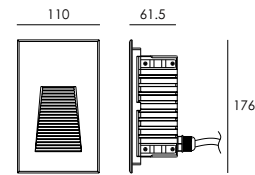
DATASHEET

FRONT COVER	D1CD1834 / D1CC1834: Hard chromeplated Stainless steel 316# D1CG0734 / D1CA0734 / D1CB1834: 12# Die-casting aluminum KAP7037 powder coated T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
HOUSING	12# Die-casting RAL9005 powder coated aluminum T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	PC
CABLE GLAND	IP67 PG-9 PA66
GASKET	Molding shaped silicone seal
RECESSED SLEEVE	PC/ABS ALLOYS 090#
LED DRIVER	Constant Voltage Input, Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2×1.0mm² L=0.5m (low voltage) H05RN-F 3×1.0mm² L=0.5m (high voltage)
LED	SMD3030 type LED
IP	IP65
DIMMABLE SUPPORT	Triac · PWM · 1-10V · Dali (Please refer to p.333 to see more option and specification)



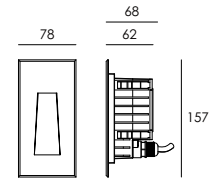
ITEM	
D1FH1834	
LIGHT SOURCE	
18×0.2W	
INPUT VOLTAGE(V)	
DC 24V 120/240V	
OPERATING CURRENT(MA)	
24V=230 120V=103 240V=65	
CONSUMPTION(W)	
24V=5.5 120V=7 240V=7.1	
LUMINANCE(LM)	
CW=141 WW=132	
IK	
10	

OUTER DIMENSIONS (Unit: mm)



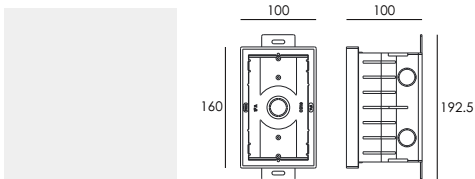
ITEM	
D1CF0158	
LIGHT SOURCE	
1×3W	
INPUT VOLTAGE(V)	
DC 24V 120/240V	
OPERATING CURRENT(MA)	
24V=140 120V=36 240V=22	
CONSUMPTION(W)	
24V=3.3 120V=4.2 240V=4.4	
LUMINANCE(LM)	
CW=96 WW=88	
IK	
10	

OUTER DIMENSIONS (Unit: mm)



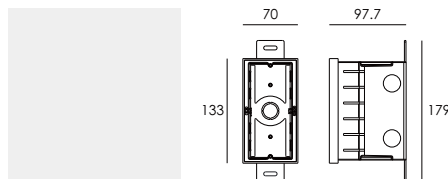
SLEEVE (Included)

D1FH1834



Recessed Sleeve **091#**

D1CF0158



Recessed Sleeve **090#**

OPTIONAL LED CCT

2,000K · 3,000K · 6,000K

HOUSING COLOR OPTION

Basic	Secondary	
 Sanded Dark Grey KAP 7037	 Sanded Black RAL 9005	 Silver Grey KAP 9022

DATASHEET

FRONT COVER	12# Die-casting aluminum KAP7037 powder coated T=20-30μm. Adhesion of ISO class 1/ASTM class 4B
HOUSING	12# Die-casting RAL9005 powder coated aluminum T=60-80μm. Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	PC
CABLE GLAND	D1CH0158 / D1CF0158: IP67 PG-9 PA66 D1FH1834 / D1FG1834: IP67 copper and nicked coated
GASKET	Molding shaped silicone seal
RECESSED SLEEVE	D1CH0158 / D1CF0158: PC/ABS ALLOYS 090# D1FH1834 / D1FG1834: PC/ABS ALLOYS 091#
LED DRIVER	Constant Voltage Input, Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2×1.0mm² L=0.5m (low voltage) H05RN-F 3×1.0mm² L=0.5m (high voltage)
LED	SMD3030 type LED
IP	IP65
DIMMABLE SUPPORT	Triac · PWM · 1-10V · Dalí (Please refer to p.333 to see more option and specification)

RECESSED SLEEVE CHARACTERISTIC

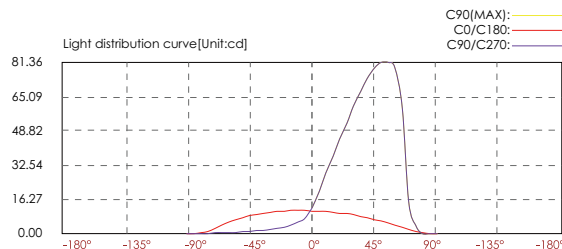
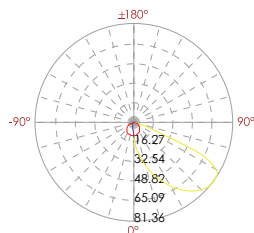


- The clips have been specially modified and upgraded to have a stronger structure in order to make up the absence of the screw fixing.



- 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 install and electrician while they are recessing the sleeves.

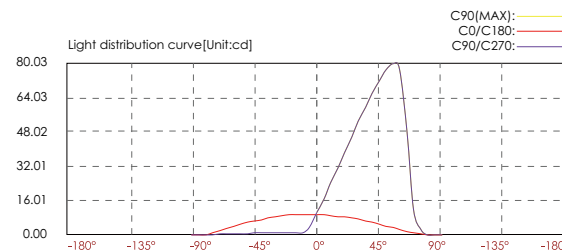
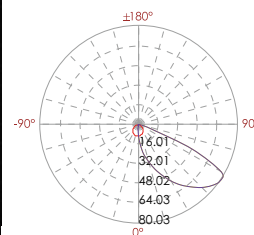
PHOTOMETRIC



Lux distance curve

Distance	Center beam LUX	Beam width	
		V	H
2m	2.71 LUX	1.90m	3.90m
4m	0.68 LUX	3.70m	7.80m
6m	0.30 LUX	5.60m	11.6m
8m	0.17 LUX	7.40m	15.5m
10m	0.11 LUX	9.30m	19.4m
12m	0.08 LUX	11.2m	23.3m

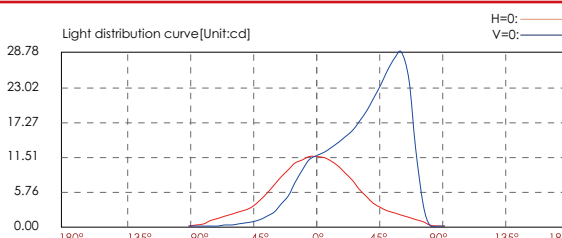
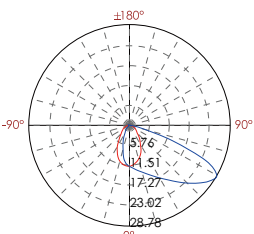
Ver.Spread:49.9 Horiz.Spread:88.3



Lux distance curve

Distance	Center beam LUX	Beam width	
		V	H
2m	2.33 LUX	1.7m	3.70m
4m	0.58 LUX	3.3m	7.40m
6m	0.26 LUX	5.0m	11.1m
8m	0.15 LUX	6.6m	14.8m
10m	0.09 LUX	8.3m	18.5m
12m	0.06 LUX	9.9m	22.2m

Ver.Spread:44.9 Horiz.Spread:85.7



Lux distance curve

Distance	Center beam LUX	Beam width	
		V	H
2m	2.92 LUX	1.9m	1.9m
4m	0.73 LUX	3.8m	3.9m
6m	0.32 LUX	5.6m	5.8m
8m	0.18 LUX	7.5m	7.8m
10m	0.12 LUX	9.4m	9.7m
12m	0.08 LUX	11.3m	11.7m

Ver.Spread:50.4 Horiz.Spread:51.9

RECESSED SLEEVE CHARACTERISTIC

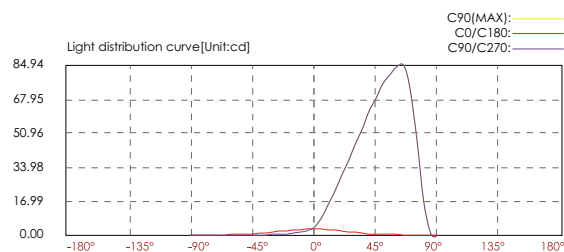
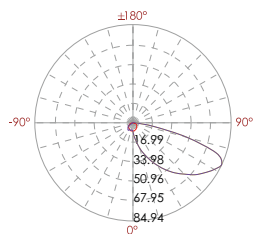


- The clips have been specially modified and upgraded to have a stronger structure in order to make up the absence of the screw fixing.



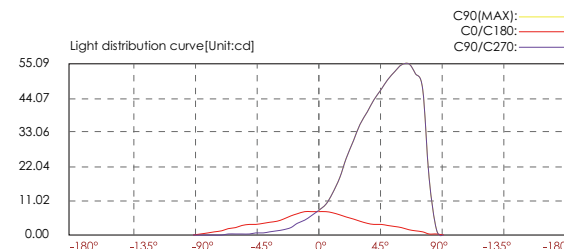
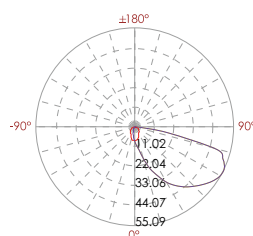
- There are two metal support plates on the bottom of the sleeve. It is used for fixing and preventing the mounting sleeve shifting while filling the concrete.
- These will simply install and electrician while they are recessing the sleeves.

PHOTOMETRIC



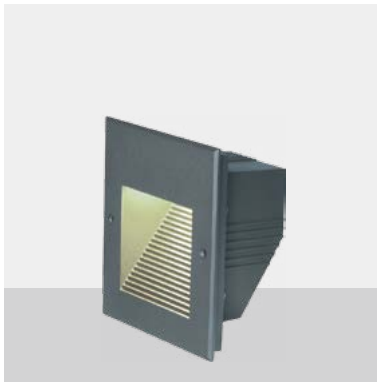
Lux distance curve

Illuminance at a distance			
Center beam LUX	Beam width V	H	
2m 1.79 LUX	1.7m	2.0m	
4m 0.45 LUX	3.4m	3.9m	
6m 0.11 LUX	5.1m	5.9m	
8m 0.11 LUX	6.8m	7.9m	
10m 0.07 LUX	8.5m	9.9m	
12m 0.05 LUX	10.2m	11.8m	
Ver.Spread:46.1		Horiz.Spread:52.6	



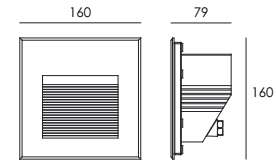
Lux distance curve

Illuminance at a distance			
Center beam LUX	Beam width V	H	
2m 1.89 LUX	2.10m	1.80m	
4m 0.47 LUX	4.20m	3.60m	
6m 0.21 LUX	6.40m	5.40m	
8m 0.12 LUX	8.50m	7.20m	
10m 0.08 LUX	10.6m	9.00m	
12m 0.05 LUX	12.7m	10.8m	
Ver.Spread:55.9		Horiz.Spread:48.3	

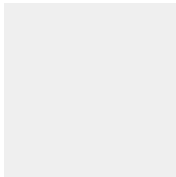


ITEM
D1G1807
LIGHT SOURCE
18x0.05W SMD3030
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=50 120V=27 240V=17
CONSUMPTION(W)
24V=1.2 120V=1.7 240V=1.8
LUMINANCE(LM)
CW=49 WW=46
IK
10

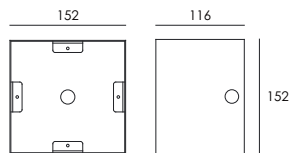
OUTER DIMENSIONS (Unit: mm)



SLEEVE (Included)



Recessed Sleeve 136#



OPTIONAL LED CCT

2,000K · 3,000K · 6,000K

HOUSING COLOR OPTION

Basic



Sanded Dark Grey
KAP 7037

Secondary



Sanded Black
RAL 9005



Silver Grey
KAP 9022

DATASHEET

FRONT COVER 12# Die-casting aluminum KAP7037 powder coated
T=60-80μm. Adhesion of ISO class 1/ASTM class 4B

HOUSING 12# Die-casting RAL9005 powder coated aluminum
T=60-80μm. Adhesion of ISO class 1/ASTM class 4B

LIGHT WINDOW Glass

CABLE GLAND IP67 copper and nicked coated

GASKET Molding shaped silicone seal

RECESSED SLEEVE Zinc-coated steel 136#

LED DRIVER Constant Voltage Input, Constant Current Output

OPERATING TEMPERATURE -20°C~40°C

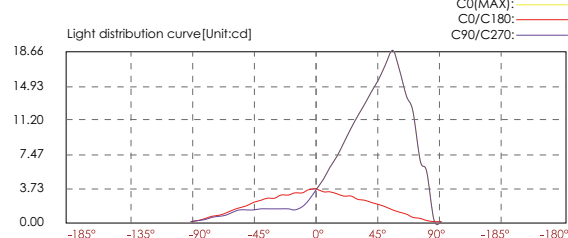
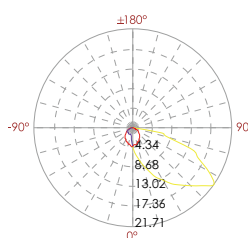
POWER CABLE H05RN-F 2x1.0mm² L=0.5m (low voltage)
H05RN-F 3x1.0mm² L=0.5m (high voltage)

LED SMD3030 type power LED

IP IP65

DIMMABLE SUPPORT Triac · PWM · 1-10V · Dali(Please refer to p.333 to see more option and specification)

PHOTOMETRIC



Lux distance curve

Illuminance at a distance		Beam width	
Center beam LUX		V	H
2m	0.87 LUX	4.00m	1.90m
4m	0.22 LUX	8.10m	3.70m
6m	0.10 LUX	12.1m	5.60m
8m	0.05 LUX	16.1m	7.50m
10m	0.03 LUX	20.2m	9.40m
12m	0.02 LUX	24.2m	11.2m

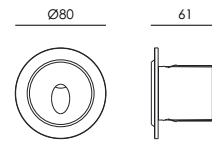
Ver.Spread:90.6

Horiz.Spread:50.2



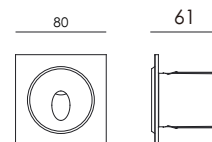
ITEM
B1QR0102
LIGHT SOURCE
1×3W
LENS
L0180C010AR
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=110 120V=48 240V=28
CONSUMPTION(W)
24V=2.6 120V=3 240V=3.1
LUMINANCE(LM)
CW=80 WW=72
IK
10

OUTER DIMENSIONS (Unit: mm)

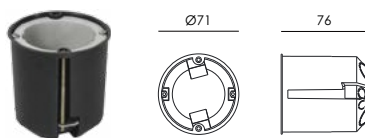


ITEM
B1QS0102
LIGHT SOURCE
1×3W
LENS
L0180C010AR
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=110 120V=48 240V=28
CONSUMPTION(W)
24V=2.6 120V=3 240V=3.1
LUMINANCE(LM)
CW=80 WW=72
IK
10

OUTER DIMENSIONS (Unit: mm)



SLEEVE (Included)



Recessed Sleeve 035#

LIGHTING EFFECT DEMO & INSTALLATION

B1RQ0102



• Wall recessed



• Ceiling recessed



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



• Installation with clips directly

B1ACR0102



• Wall recessed



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



• Installation with clips directly

OPTIONAL LED CCT

2,000K · 3,000K · 6,000K

HOUSING COLOR OPTION

Basic

High Temp Silver
KAP 877u

Secondary

Sanded Black
RAL 9005Standed Brown
RAL 8019**DATASHEET****FRONT COVER&HOUSING**

12# Die-casting aluminum T=20-25μm. Adhesion of ISO class 1/ ASTM class 4B high temperature painting

LIGHT WINDOWGlass: B1QR0102 / B1QS0102
PC: B1ACR0102 / B1ACS0102**RECESSED SLEEVE**B1QR0102 / B1QS0102: PC/ABS ALLOYS **035#**
B1ACR0102 / B1ACS0102: PC/ABS ALLOYS **100#****LED DRIVER**

Constant Voltage Input, Constant Current Output

OPERATING TEMPERATURE

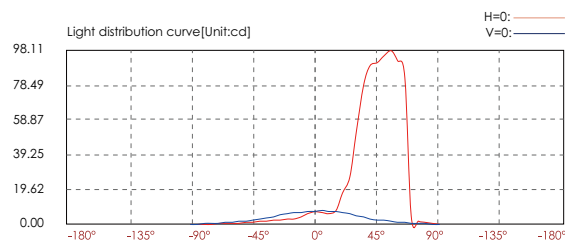
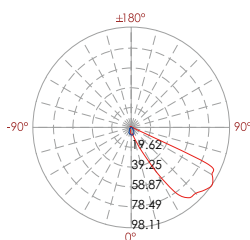
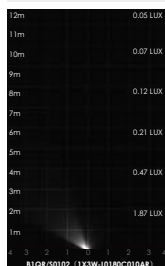
-20°C~40°C

POWER CABLEH05RN-F 2×1.0mm² L=0.3m (low voltage)
H05RN-F 3×1.0mm² L=0.3m (high voltage)**IP**

IP65

DIMMABLE SUPPORT

Triac · PWM · 1-10V · Dali (Please refer to p.333 to see more option and specification)

PHOTOMETRIC**Lux distance cure**

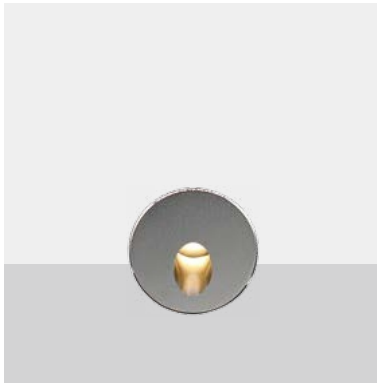
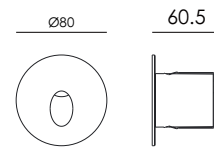
Illuminance at a distance		Beam width	
Center beam LUX		V	H
2m	1.87 LUX	1.4m	1.4m
4m	0.47 LUX	2.7m	2.9m
6m	0.21 LUX	4.1m	4.3m
8m	0.12 LUX	5.5m	5.7m
10m	0.07 LUX	6.8m	7.1m
12m	0.05 LUX	8.2m	8.6m

Ver. Spread: 37.8 Horiz. Spread: 39.3



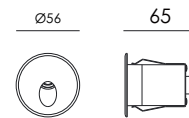
ITEM
B1SR0101 B
LIGHT SOURCE
1×1W
LENS
80°
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=59 120V=26 240V=16
CONSUMPTION(W)
24V=1.46 120V=1.7 240V=1.7
LUMINANCE(LM)
CW=62 WW=58
IK
10

OUTER DIMENSIONS (Unit: mm)



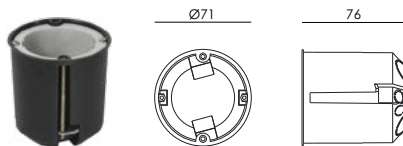
ITEM
B1AAR102
LIGHT SOURCE
1×2W
LENS
L0180C010AR
OPERATING CURRENT(MA)
100
CONSUMPTION(W)
2.4
LUMINANCE(LM)
CW=58 WW=52
IK
10

OUTER DIMENSIONS (Unit: mm)



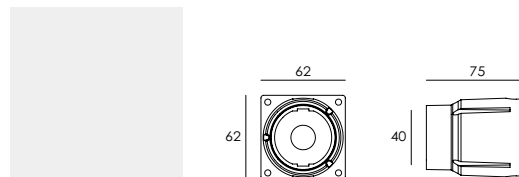
SLEEVE (Included)

B1SR0101 B



Recessed Sleeve 035#

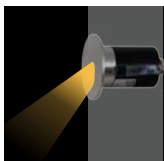
B1AAR102



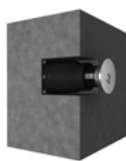
Recessed Sleeve 100#

LIGHTING EFFECT DEMO & INSTALLATION

B1AAR0102



• Wall Recessed



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



• Installation with clips directly

B1SR0101 B



• Wall Recessed



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



• Installation with clips directly

OPTIONAL LED CCT

2,000K · 3,000K · 6,000K

HOUSING COLOR OPTION

Basic

Sanded Dark Grey
KAP 7037

Secondary

Sanded Black
RAL 9005

Silver Grey
KAP 9022

DATASHEET

FRONT COVER&HOUSING Molding shaped stainless-steel SUS 316

CABLE GLAND

GASKET

RECESSED SLEEVE B1SR0101 B: PC/ABS ALLOYS **035#**
B1AAR0102: PC/ABS ALLOYS **100#**

LED DRIVER Constant Voltage Input, Constant Current Output

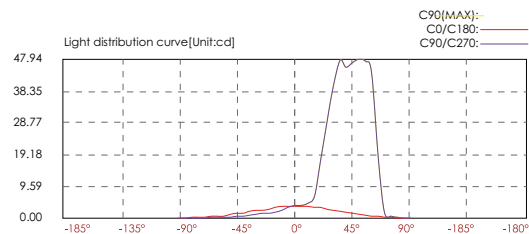
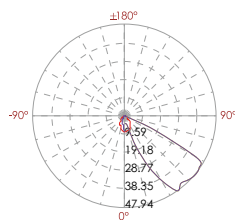
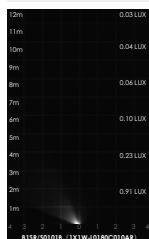
OPERATING TEMPERATURE -20°C~40°C

POWER CABLE B1SR0101 B:
H05RN-F 2×1.0mm² L=0.5m (low voltage)
H05RN-F 3×1.0mm² L=0.5m (high voltage)
B1AAR0102:
H05RN-F 2×1.0mm² L=0.3m (low voltage)

IP IP65

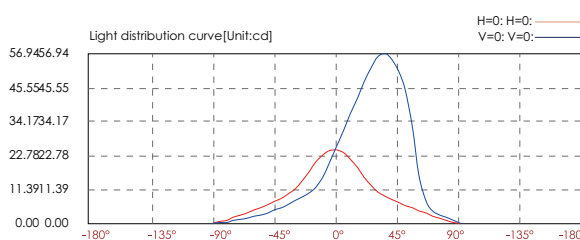
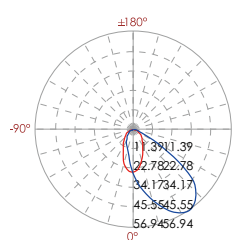
DIMMABLE SUPPORT Triac · PWM · 1-10V · Dali (Please refer to p.333 to see more option and specification)

PHOTOMETRIC



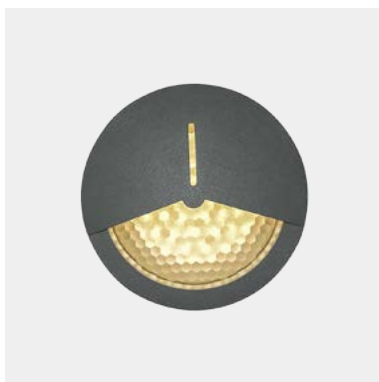
Lux distance curve

Illuminance at a distance		Beam width	
Center beam LUX	V	V	H
2m	0.91 LUX	1.4m	1.4m
4m	0.23 LUX	3.0m	2.7m
6m	0.10 LUX	4.5m	4.1m
8m	0.60 LUX	6.0m	5.4m
10m	0.04 LUX	7.5m	6.8m
12m	0.03 LUX	8.9m	8.1m



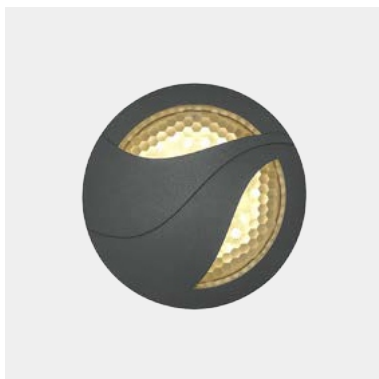
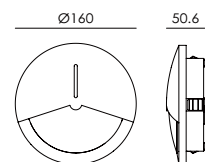
Lux distance curve

Illuminance at a distance		Beam width	
Center beam LUX	V	V	H
2m	6.20 LUX	1.6m	2.00m
4m	1.55 LUX	3.2m	4.10m
6m	0.69 LUX	4.8m	6.10m
8m	0.39 LUX	6.4m	8.10m
10m	0.24 LUX	8.0m	10.1m
12m	0.17 LUX	9.6m	12.2m



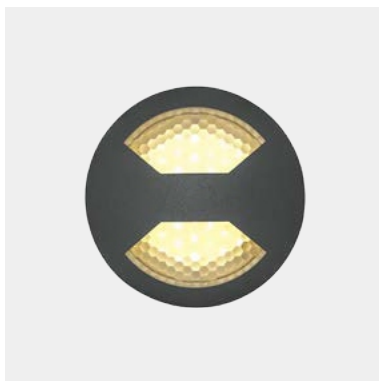
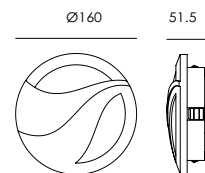
ITEM
D1KT3032
LIGHT SOURCE
30×0.07W
INPUT VOLTAGE(V)
DC 24V 240V
OPERATING CURRENT(MA)
24V=135 240V=14
CONSUMPTION(W)
24V=3.2 240V=3.2
LUMINANCE(LM)
118
IK

OUTER DIMENSIONS (Unit: mm)



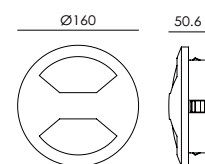
ITEM
D1KU3032
LIGHT SOURCE
30×0.07W
INPUT VOLTAGE(V)
DC 24V 240V
OPERATING CURRENT(MA)
24V=135 240V=14
CONSUMPTION(W)
24V=3.2 240V=3.2
LUMINANCE(LM)
92
IK

OUTER DIMENSIONS (Unit: mm)

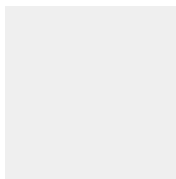


ITEM
D1KW3032
LIGHT SOURCE
30×0.07W
INPUT VOLTAGE(V)
DC 24V 240V
OPERATING CURRENT(MA)
24V=135 240V=14
CONSUMPTION(W)
24V=3.2 240V=3.2
LUMINANCE(LM)
142
IK

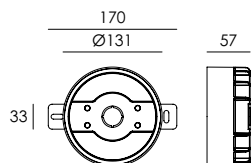
OUTER DIMENSIONS (Unit: mm)



SLEEVE (Included)



Recessed Sleeve 148#



OPTIONAL LED CCT

3,000K · 6,000K

HOUSING COLOR OPTION

Basic

Sanded Dark Grey
KAP 7037

Secondary

Sanded Black
RAL 9005

Silver Grey
KAP 9022

DATASHEET

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

LIGHT WINDOW PC T=2.5mm

CABLE GLAND

GASKET Tooling shaped seal

RECESSED SLEEVE PC/ABS ALLOYS 148#

LED DRIVER Constant Voltage Input, Constant Current Output

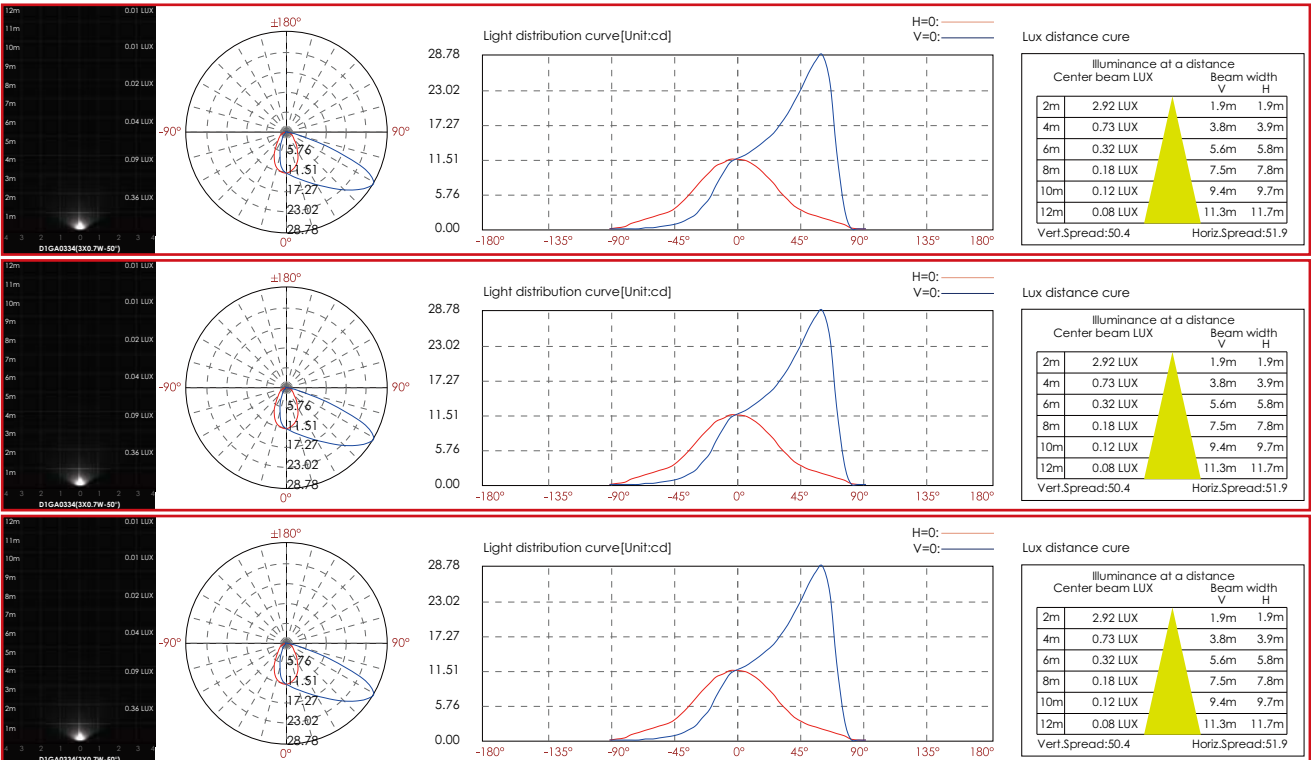
OPERATING TEMPERATURE -20°C~40°C

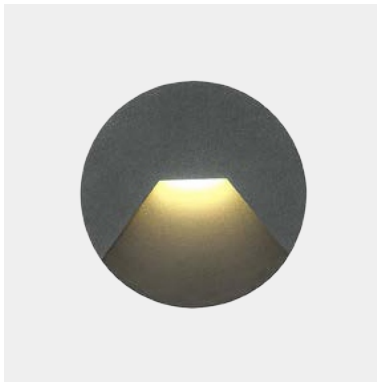
POWER CABLE H05RN-F 3×1.0mm² L=0.3m(high voltage)

IP

DIMMABLE SUPPORT

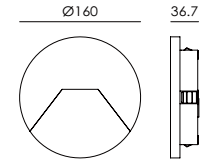
PHOTOMETRIC





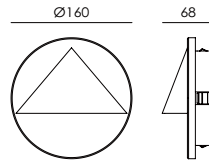
ITEM
D1LY1234
LIGHT SOURCE
12×0.5W
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=250 120V=78 240V=45
CONSUMPTION(W)
24V=6 120V=6 240V=6
LUMINANCE(LM)
134
IK
IK

OUTER DIMENSIONS (Unit: mm)



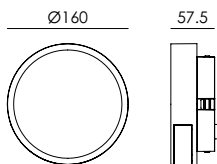
ITEM
D1LX1234
LIGHT SOURCE
12×0.5W
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=330 120V=91 240V=49
CONSUMPTION(W)
24V=7.9 120V=6.3 240V=6.3
LUMINANCE(LM)
226
IK
10

OUTER DIMENSIONS (Unit: mm)

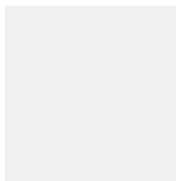


ITEM
D1HU1234
LIGHT SOURCE
12×0.5W
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=250 120V=78 240V=45
CONSUMPTION(W)
24V=6 120V=6 240V=6
LUMINANCE(LM)
57
IK
IK

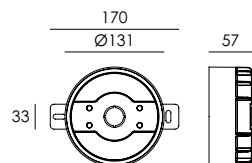
OUTER DIMENSIONS (Unit: mm)



SLEEVE (Included)



Recessed Sleeve 148#



OPTIONAL LED CCT

2,000K · 3,000K · 6,000K

HOUSING COLOR OPTION

Basic

Sanded Dark Grey
KAP 7037

Secondary

Sanded Black
RAL 9005

Silver Grey
KAP 9022

DATASHEET

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

LIGHT WINDOW D1LY1234: PC T=1mm
D1LX1234 / D1HU1234: Glass T=2mm

CABLE GLAND

GASKET Tooling shaped seal

RECESSED SLEEVE PC/ABS ALLOYS 148#

LED DRIVER Constant Voltage Input, Constant Current Output

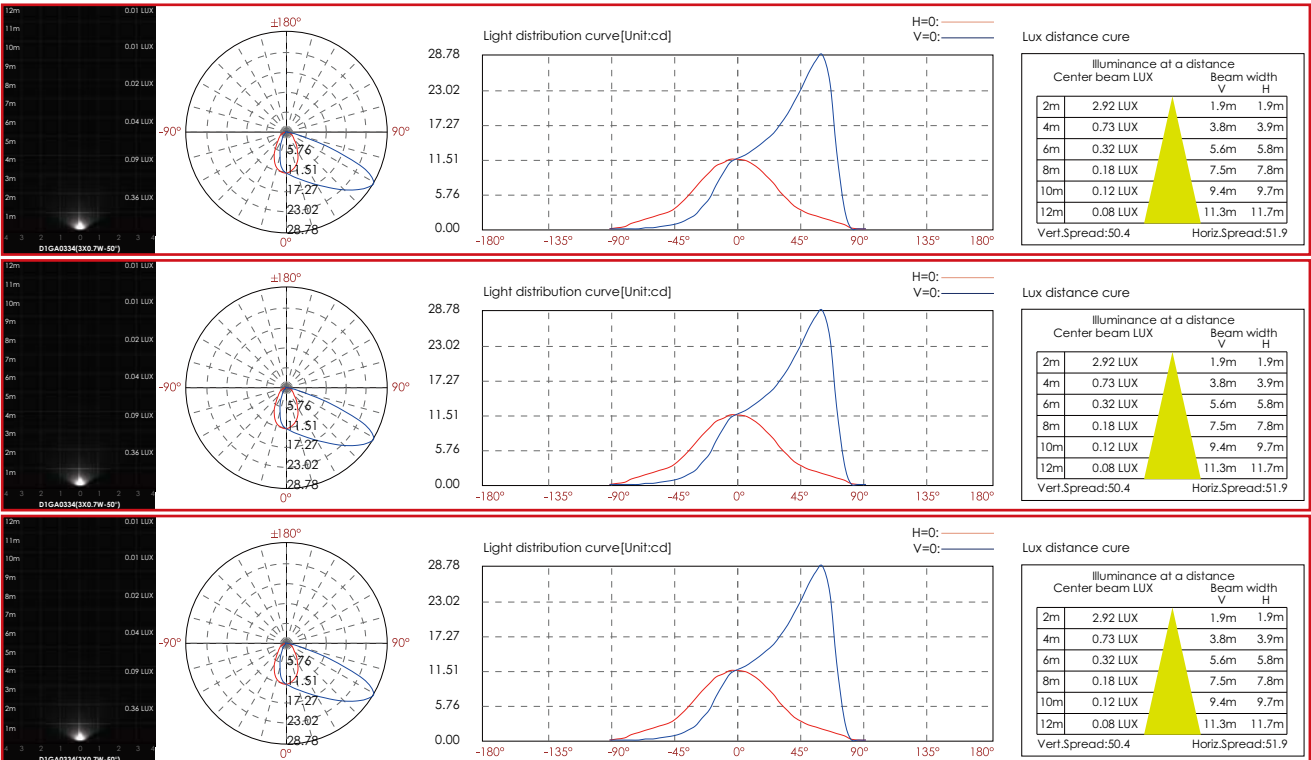
OPERATING TEMPERATURE -20°C~40°C

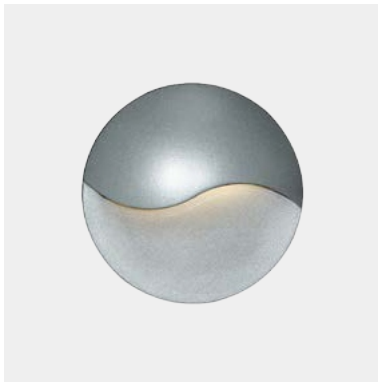
POWER CABLE H05RN-F 3×1.0mm² L=0.3m(high voltage)

IP

DIMMABLE SUPPORT

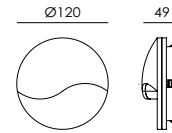
PHOTOMETRIC





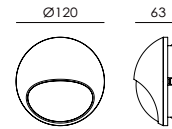
ITEM
D1AJ0634
LIGHT SOURCE
6×0.5W NICHIA
INPUT VOLTAGE(V)
DC 24V 240V
OPERATING CURRENT(MA)
24V=100 240V=26
CONSUMPTION(W)
24V=2.4 240V=3
LUMINANCE(LM)
36
IK

OUTER DIMENSIONS (Unit: mm)



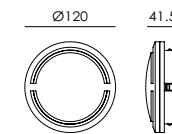
ITEM
D1AK1833
LIGHT SOURCE
18×0.15W NICHIA
INPUT VOLTAGE(V)
DC 24V 240V
OPERATING CURRENT(MA)
24V=105 240V=27
CONSUMPTION(W)
24V=2.5 240V=3.3
LUMINANCE(LM)
157
IK

OUTER DIMENSIONS (Unit: mm)

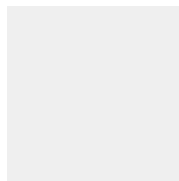


ITEM
D1AL2832
LIGHT SOURCE
28×0.1W NICHIA
INPUT VOLTAGE(V)
DC 24V 240V
OPERATING CURRENT(MA)
24V=125 240V=14
CONSUMPTION(W)
24V=3 240V=3
LUMINANCE(LM)
12
IK

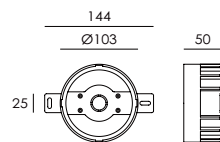
OUTER DIMENSIONS (Unit: mm)



SLEEVE (Included)



Recessed Sleeve 140#



OPTIONAL LED CCT

2,000K · 3,000K · 6,000K

HOUSING COLOR OPTION

Basic

Sanded Dark Grey
KAP 7037

Secondary

Sanded Black
RAL 9005

Silver Grey
KAP 9022

DATASHEET

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

CABLE GLAND

GASKET Tooling shaped seal

RECESSED SLEEVE PC/ABS ALLOYS 140#

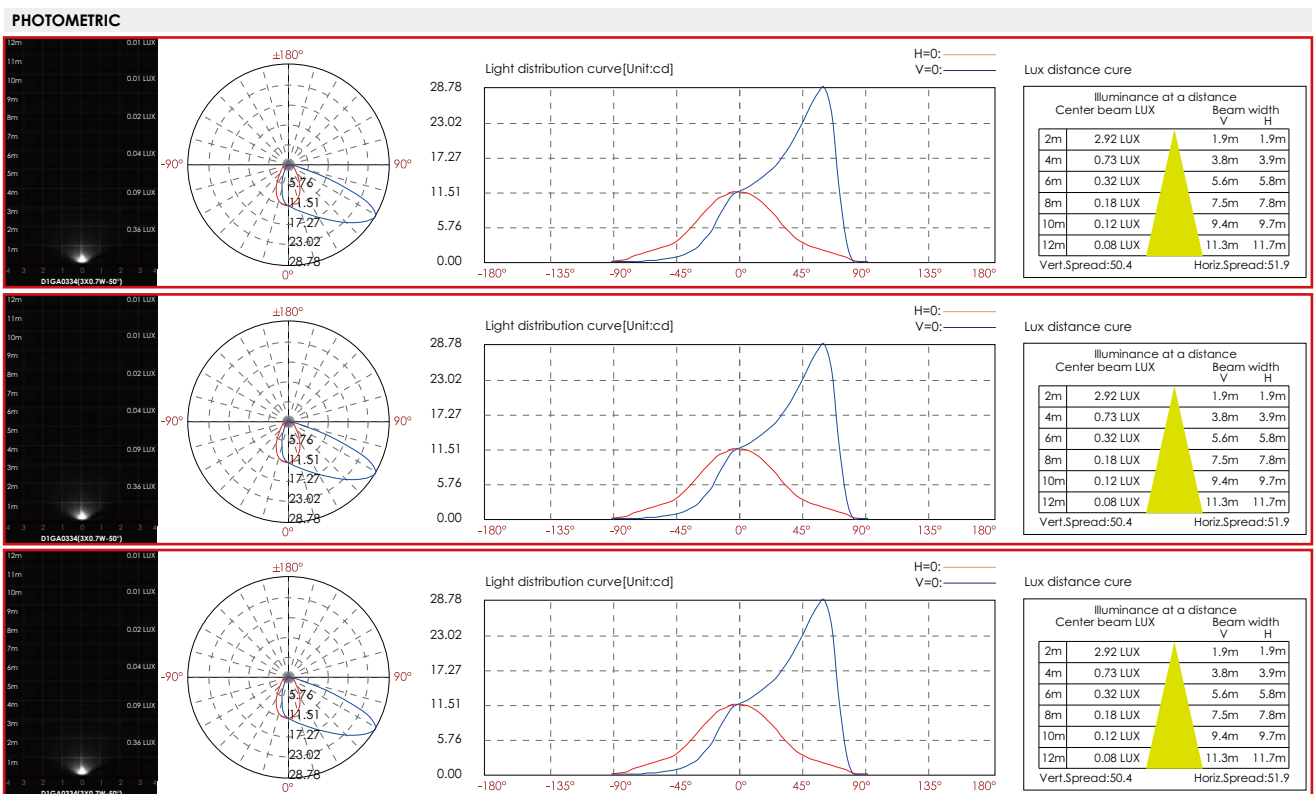
LED DRIVER Constant Voltage Input, Constant Current Output

OPERATING TEMPERATURE -20°C~40°C

POWER CABLE H05RN-F 3×1.0mm² L=0.3m(high voltage)

IP

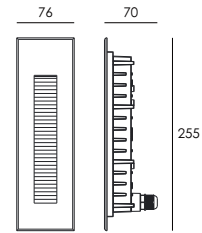
DIMMABLE SUPPORT





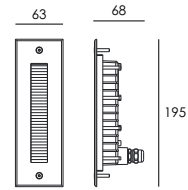
ITEM	
B1BG0257	
LIGHT SOURCE	
2×1.5W	
INPUT VOLTAGE(V)	
DC 24V 120/240V	
OPERATING CURRENT(MA)	
24V=150 120V=61 240V=39	
CONSUMPTION(W)	
24V=3.6 120V=4.1 240V=4.2	
LUMINANCE(LM)	
CW=160 WW=137	
IK	
10	
Lens	

OUTER DIMENSIONS (Unit: mm)



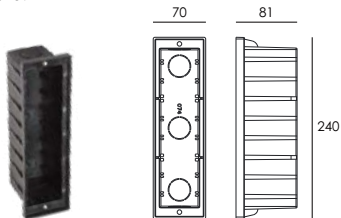
ITEM	
B1FL0157	
LIGHT SOURCE	
1×2.0W	
INPUT VOLTAGE(V)	
DC 24V 120/240V	
OPERATING CURRENT(MA)	
24V=105 120V=40 240V=32	
CONSUMPTION(W)	
24V=2.5 120V=2.7 240V=3	
LUMINANCE(LM)	
CW=110 WW=104	
IK	
10	

OUTER DIMENSIONS (Unit: mm)



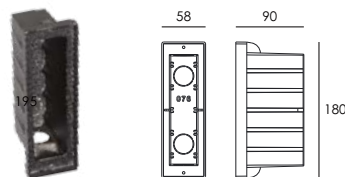
SLEEVE (Included)

B1BG0257



Recessed Sleeve 074#

B1FL0157



Recessed Sleeve 076#

RECESSED SLEEVE CHARACTERISTIC

B1BG0257



- 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.



• Low Voltage Type



• High voltage Type

B1FL0157



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



• High voltage Type

OPTIONAL LED CCT

2,000K · 3,000K · 6,000K

LENS



B38

30° 40°

HOUSING COLOR OPTION

Basic



Sanded Dark Grey
KAP 7037

Secondary



Sanded Black
RAL 9005



Silver Grey
KAP 9022

DATASHEET

FRONT COVER&HOUSING

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

LIGHT WINDOW

Tempered glass T=2mm

CABLE GLAND

IP68 PG-9 PA66

GASKET

Molding shaped silicone seal

RECESSED SLEEVE

B1BG0257: PC/ABS ALLOYS **074#**
B1FL0157: PC/ABS ALLOYS **076#**

LED DRIVER

Constant Voltage Input, Constant Current Output

OPERATING TEMPERATURE

-20°C~40°C

POWER CABLE

H05RN-F 2×1.0mm² L=0.5m (low voltage)
H05RN-F 3×1.0mm² L=0.5m (high voltage)

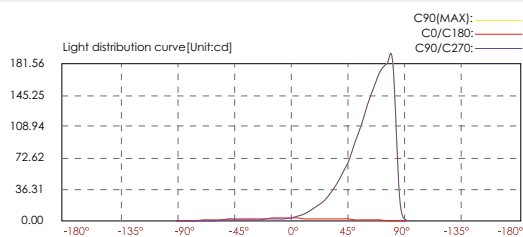
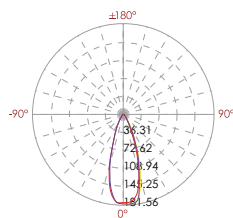
IP

IP65

DIMMABLE SUPPORT

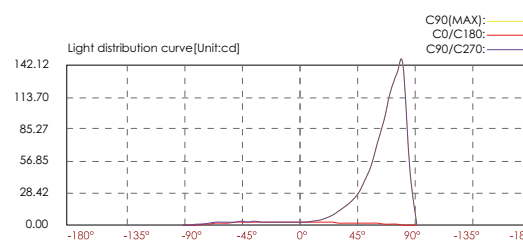
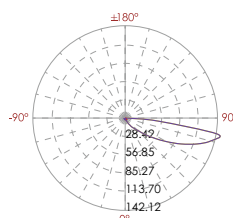
Triac · PWM · 1-10V · Dali(Please refer to p.333 to see more option and specification)

PHOTOMETRIC



Lux distance cure

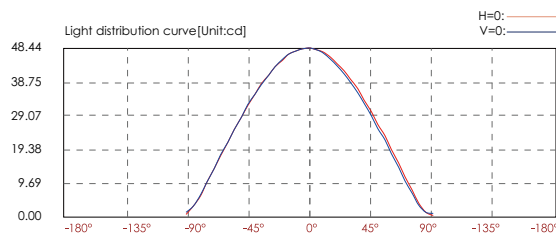
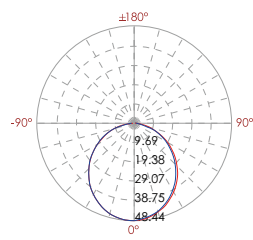
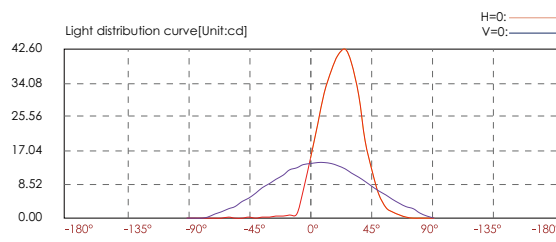
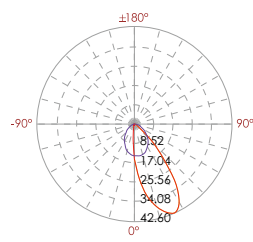
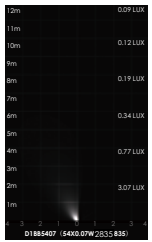
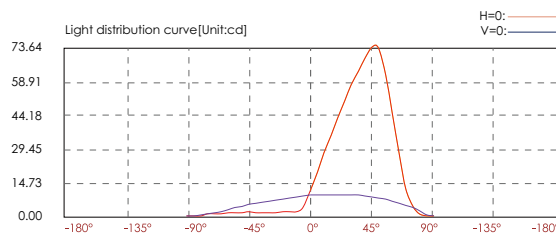
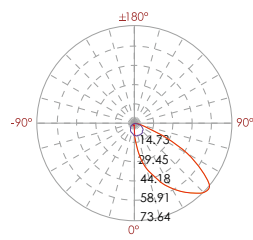
Illuminance at a distance			
Center beam LUX	Beam width	V	H
2m	0.71 LUX	1.2m	1.6m
4m	0.18 LUX	2.3m	3.2m
6m	0.08 LUX	3.5m	4.9m
8m	0.04 LUX	4.7m	6.5m
10m	0.03 LUX	5.9m	8.1m
12m	0.02 LUX	7.0m	9.7m
Ver.Spread:32.7		Horiz.Spread:44.2	



Lux distance cure

Illuminance at a distance			
Center beam LUX	Beam width	V	H
2m	0.69 LUX	0.9m	1.5m
4m	0.17 LUX	1.7m	3.0m
6m	0.08 LUX	2.6m	4.5m
8m	0.04 LUX	3.4m	6.0m
10m	0.03 LUX	4.3m	7.4m
12m	0.02 LUX	5.1m	8.9m
Ver.Spread:24.1		Horiz.Spread:40.8	

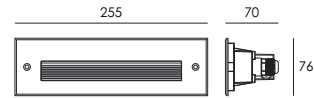
PHOTOMETRIC





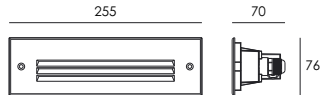
ITEM	D1BA1517
LIGHT SOURCE	15×0.2W SMD3030
INPUT VOLTAGE(V)	DC 24V 120/240V
OPERATING CURRENT(MA)	24V=200 120V=90 240V=52
CONSUMPTION(W)	24V=4.8 120V=6.4 240V=6.5
LUMINANCE(LM)	CW=113 WW=104
IK	10

OUTER DIMENSIONS (Unit: mm)



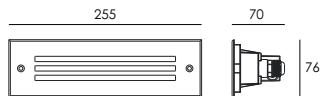
ITEM	D1BB5407
LIGHT SOURCE	54×0.07W SMD2835
INPUT VOLTAGE(V)	DC 24V 120/240V
OPERATING CURRENT(MA)	24V=200 120V=95 240V=53
CONSUMPTION(W)	24V=5.3 120V=6.4 240V=6.8
LUMINANCE(LM)	CW=47 WW=44
IK	10

OUTER DIMENSIONS (Unit: mm)



ITEM	D1BC5407
LIGHT SOURCE	54×0.07W SMD3030
INPUT VOLTAGE(V)	DC 24V 120/240V
OPERATING CURRENT(MA)	24V=220 120V=95 240V=62
CONSUMPTION(W)	24V=5.3 120V=6.7 240V=6.8
LUMINANCE(LM)	CW=150 WW=130
IK	09

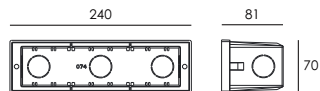
OUTER DIMENSIONS (Unit: mm)



SLEEVE (Included)



Recessed Sleeve 074#



OPTIONAL LED CCT

2,000K · 3,000K · 6,000K

HOUSING COLOR OPTION

Basic	Secondary
Sanded Dark Grey KAP 7037	Sanded Black RAL 9005
	Silver Grey KAP 9022

DATASHEET

FRONT COVER	D1BA1517 / D1BB5407: 12# Die-casting aluminum D1BC5407: Made by hard chrome-plated stainless steel 316L#
HOUSING	12# Die-casting grey powder coated aluminum T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	PC T=3mm
CABLE GLAND	IP68 PG-9 PA66
GASKET	Molding shaped silicone seal
RECESSED SLEEVE	PC/ABS ALLOYS 074#
LED DRIVER	Constant Voltage Input, Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 2×1.0mm² L=0.5m (low voltage) H05RN-F 3×1.0mm² L=0.5m (high voltage)
IP	IP65
DIMMABLE SUPPORT	Triac · PWM · 1-10V · Dali(Please refer to p.333 to see more option and specification)

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 mountingsleeve before the lamp installation.

RECESSED SLEEVE CHARACTERISTIC

D1BE2817 / D1BD5407



- 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 mountingsleeve before the lamp installation.



• Low Voltage Type



• High voltage Type

D1FL1014



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



• High voltage Type

OPTIONAL LED CCT

2,000K · 3,000K · 6,000K

HOUSING COLOR OPTION

Basic



Sanded Dark Grey
KAP 7037

Secondary



Sanded Black
RAL 9005



Silver Grey
KAP 9022

DATASHEET

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

LIGHT WINDOW D1BD5407 / D1BE2817: PC T=3mm
D1FL1014: Step tempered glass.T=8mm

CABLE GLAND IP68 PG-9 PA66

GASKET D1BD5407 / D1BE2817: Molding Shaped silicone seal
D1FL1014: Tooling shaped seal

RECESSED SLEEVE D1BD5407: D1BE2817: PC/ABS ALLOYS **074#**
D1FL1014: PC/ABS ALLOYS **076#**

LED DRIVER Constant Voltage Input, Constant Current Output

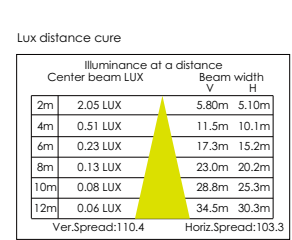
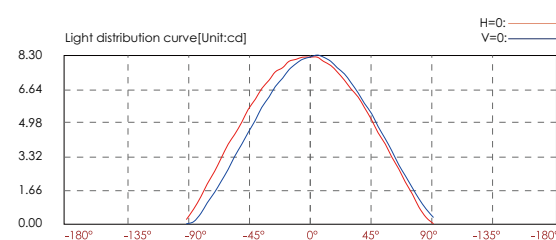
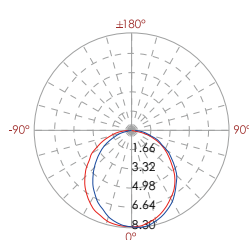
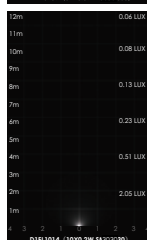
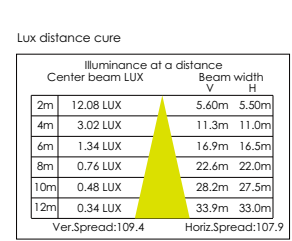
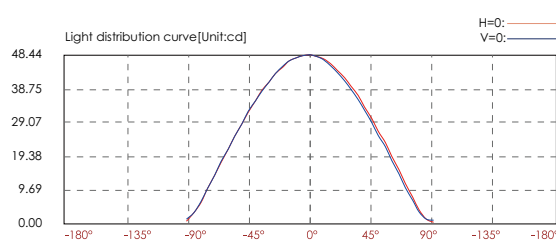
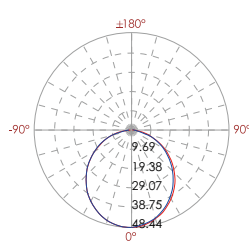
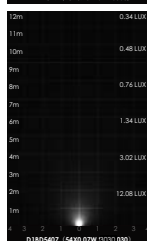
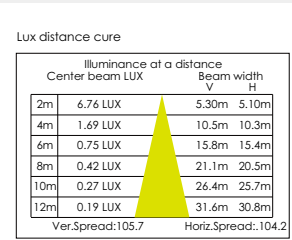
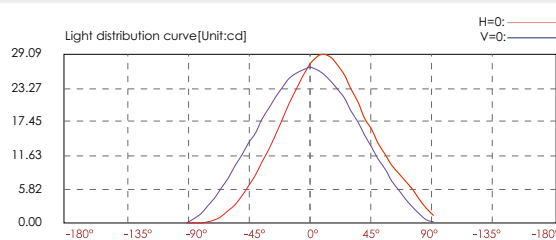
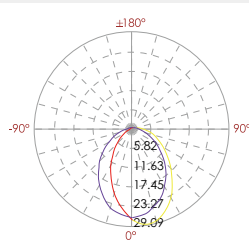
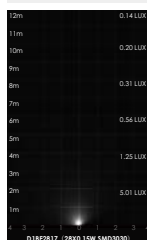
OPERATING TEMPERATURE -20°C~40°C

POWER CABLE H05RN-F 2×1.0mm² L=0.5m (low voltage)
H05RN-F 3×1.0mm² L=0.5m (high voltage)

IP D1BD5407: D1BE2817: IP65
D1FL1014: IP67

DIMMABLE SUPPORT Triac · PWM · 1-10V · Dali(Please refer to p.333 to see more option and specification)

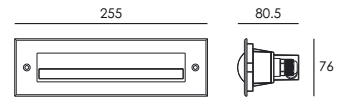
PHOTOMETRIC





ITEM	D1BE2817
LIGHT SOURCE	28×0.15W SMD3030
INPUT VOLTAGE(V)	DC 24V 120/240V
OPERATING CURRENT(MA)	24V=210 120V=92 240V=53
CONSUMPTION(W)	24V=5 120V=6.5 240V=6.4
LUMINANCE(LM)	CW=82 WW=65
IK	09

OUTER DIMENSIONS (Unit: mm)



ITEM	D1BD5407
LIGHT SOURCE	54×0.07W SMD3030
INPUT VOLTAGE(V)	DC 24V 120/240V
OPERATING CURRENT(MA)	24V=220 120V=95 240V=63
CONSUMPTION(W)	24V=5.3 120V=6.7 240V=6.8
LUMINANCE(LM)	CW=226 WW=138
IK	09

OUTER DIMENSIONS (Unit: mm)



ITEM	D1FL1014
LIGHT SOURCE	10×0.2W SMD3030
INPUT VOLTAGE(V)	DC 24V 120/240V
OPERATING CURRENT(MA)	24V=114 120V=55 240V=32
CONSUMPTION(W)	24V=2.7 120V=3.5 240V=3.6
LUMINANCE(LM)	CW=50 WW=42
IK	09

OUTER DIMENSIONS (Unit: mm)

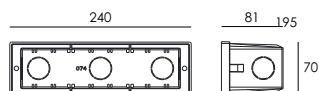


SLEEVE (Included)

D1BE2817, D1BD5407



Recessed Sleeve **074#**

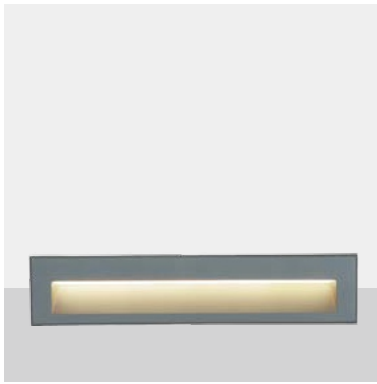


B1FL0157



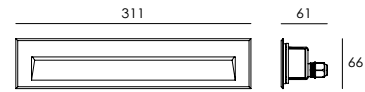
Recessed Sleeve **076#**





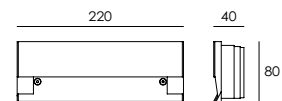
ITEM	D1DA3034
LIGHT SOURCE	30x0.3W
INPUT VOLTAGE(V)	24VDC 240V
OPERATING CURRENT(MA)	24V=380 240V=44
CONSUMPTION(W)	24V=9.1 240V=10
LUMINANCE(LM)	CW=330 WW=292
IK	10

OUTER DIMENSIONS (Unit: mm)



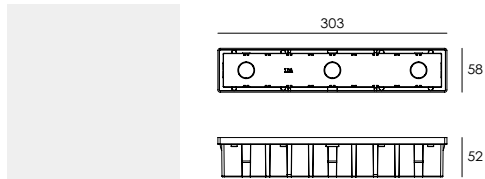
ITEM	D1BF1517
LIGHT SOURCE	15x0.15 SMD3030
INPUT VOLTAGE(V)	DC 24V 120/240V
OPERATING CURRENT(MA)	24V=125 120V=60 240V=34
CONSUMPTION(W)	24V=3 120V=3.7 240V=3.7
LUMINANCE(LM)	CW=92 WW=87
IK	09

OUTER DIMENSIONS (Unit: mm)



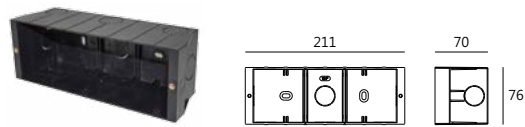
SLEEVE (Included)

D1DA3034



Recessed Sleeve 107#

D1BF1517



Recessed Sleeve 078#

RECESSED 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 mountingsleeve before the lamp installation.



• Low Voltage Type

• High voltage Type

D1BF1517



Recessed Installation

Surfaced Installation



OPTIONAL LED CCT

2,000K · 3,000K · 6,000K

HOUSING COLOR OPTION

Basic

Sanded Dark Grey
KAP 7037

Secondary

Sanded Black
RAL 9005

Silver Grey
KAP 9022

DATASHEET

HOUSING & FRONT COVER 12# Die-casting grey powder coated aluminum
T=60-80µm. 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

RECESSED SLEEVE D1DA3034: PC/ABS ALLOYS 107#
D1BF1517: PC/ABS ALLOYS 078#

LED DRIVER Constant Voltage Input, Constant Current Output

OPERATING TEMPERATURE -20°C~40°C

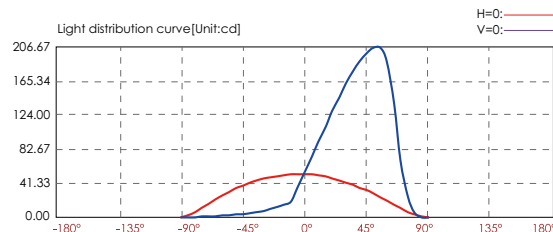
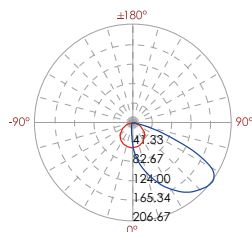
POWER CABLE H05RN-F 2X1.0mm² L=0.5m (low voltage)
H05RN-F 3X1.0mm² L=0.5m (high voltage)

IP IP23

DIMMABLE SUPPORT Triac · PWM · 1-10V · Dali (Please refer to p.333 to see more option and specification)

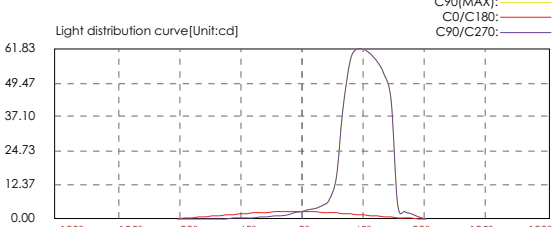
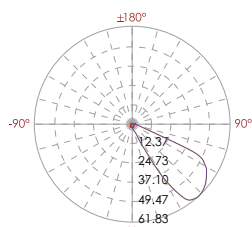
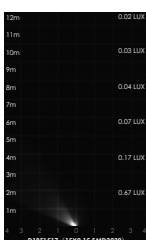


PHOTOMETRIC



Lux distance curve

Illuminance at a Distance			
Center Beam LUX	Beam Width V	Beam Width H	
2m	13.16 LUX	4.4m	2.1m
4m	3.29 LUX	8.8m	4.1m
6m	1.46 LUX	13.3m	6.2m
8m	0.82 LUX	17.7m	8.3m
10m	0.53 LUX	22.1m	10.3m
12m	0.37 LUX	26.5m	12.4m
Ver. Spread: 95.8 Horiz. Spread: 54.7			



Lux distance curve

Illuminance at a distance			
Center beam LUX	Beam width V	Beam width H	
2m	0.67 LUX	1.4m	3.90m
4m	0.17 LUX	2.8m	7.80m
6m	0.07 LUX	4.2m	11.7m
8m	0.04 LUX	5.6m	15.6m
10m	0.03 LUX	7.0m	19.5m
12m	0.02 LUX	8.4m	23.4m
Ver. Spread: 38.4 Horiz. Spread: 88.7			



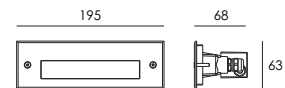
ITEM
C1FL0357
LIGHT SOURCE
3×2.0W OSRAM
INPUT VOLTAGE(V)
DC 24V 120/240VV
OPERATING CURRENT(MA)
24V=217 120V=47 240V=25
CONSUMPTION(W)
24V=5.2 120V=5.7 240V=5.6
LUMINANCE(LM)
CW=400 WW=379
IK
08

OUTER DIMENSIONS (Unit: mm)



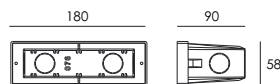
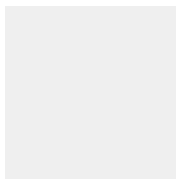
ITEM
D1FL1234
LIGHT SOURCE
12×0.2W
INPUT VOLTAGE(V)
DC 24V 120/240VV
OPERATING CURRENT(MA)
24V=52 120V=29 240V=20
CONSUMPTION(W)
24V=1.24 120V=1.7 240V=2
LUMINANCE(LM)
CW=70 WW=66
IK
10

OUTER DIMENSIONS (Unit: mm)



SLEEVE (Included)

C1FL0357



Recessed Sleeve 076#

RECESSED SLEEVE CHARACTERISTIC



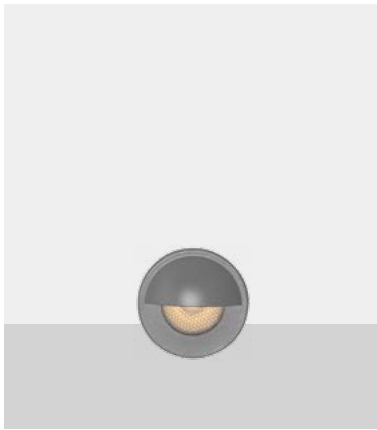
- The right picture – the supporting plate "A" is used for preventing deformation of the sleeve during the construction installation process.
- Please remove the supporting plate "A" from the mounting sleeve before the lamp installation.



- High voltage Type

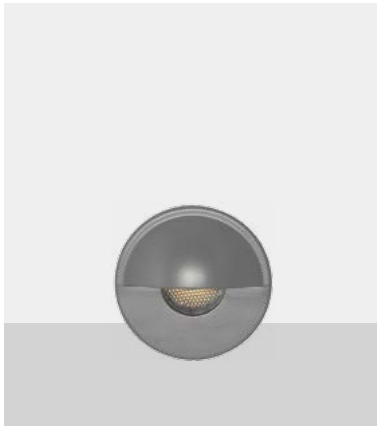
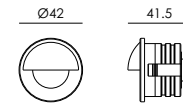
LENS C11 DEMO





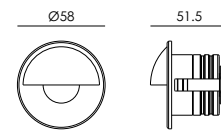
ITEM	B1XQ0156
LIGHT SOURCE	1×1W
LENS	B44
INPUT VOLTAGE(V)	DC 24V
OPERATING CURRENT(MA)	54
CONSUMPTION(W)	1.3
LUMINANCE(LM)	CW=28 WW=23
IK	10

OUTER DIMENSIONS (Unit: mm)



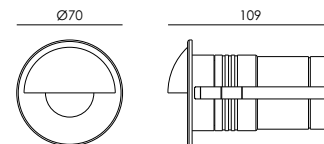
ITEM	B1XT0157
LIGHT SOURCE	1×2W
LENS	B34D
INPUT VOLTAGE(V)	DC 24V
OPERATING CURRENT(MA)	108
CONSUMPTION(W)	2.6
LUMINANCE(LM)	CW=60 WW=51
IK	10

OUTER DIMENSIONS (Unit: mm)



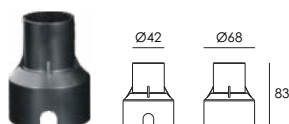
ITEM	R1XU0125
LIGHT SOURCE	1×5W COB
LENS	R7
INPUT VOLTAGE(V)	DC 24V 120/240V
OPERATING CURRENT(MA)	24V=265 120V=52 240V=32
CONSUMPTION(W)	24V=6.3 120V=6 240V=6
LUMINANCE(LM)	CW=237 WW=208
IK	10

OUTER DIMENSIONS (Unit: mm)



SLEEVE (Included)

B1XQ0156



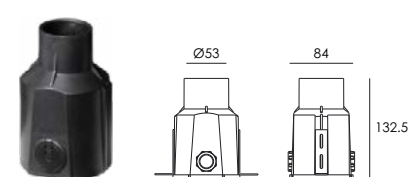
Recessed Sleeve **033#**

B1XT0157



Recessed Sleeve **062#**

R1XU0125



Recessed Sleeve **065#**

OPTIONAL LED CCT

2,000K · 3,000K · 6,000K

LENS

	R7	18° 24° 32°
	B44	20° 40°
	B34D	20° 40°

HOUSING COLOR OPTION

Basic

 Sanded Dark Grey
KAP 7037

Secondary

 Sanded Black
RAL 9005

 Silver Grey
KAP 9022

DATASHEET

FRONT COVER&HOUSING 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

RECESSED SLEEVE B1XQ0156: PC/ABS ALLOYS **033#**
B1XT0157: PC/ABS ALLOYS **062#**
R1XU0125: PC/ABS ALLOYS **065#**

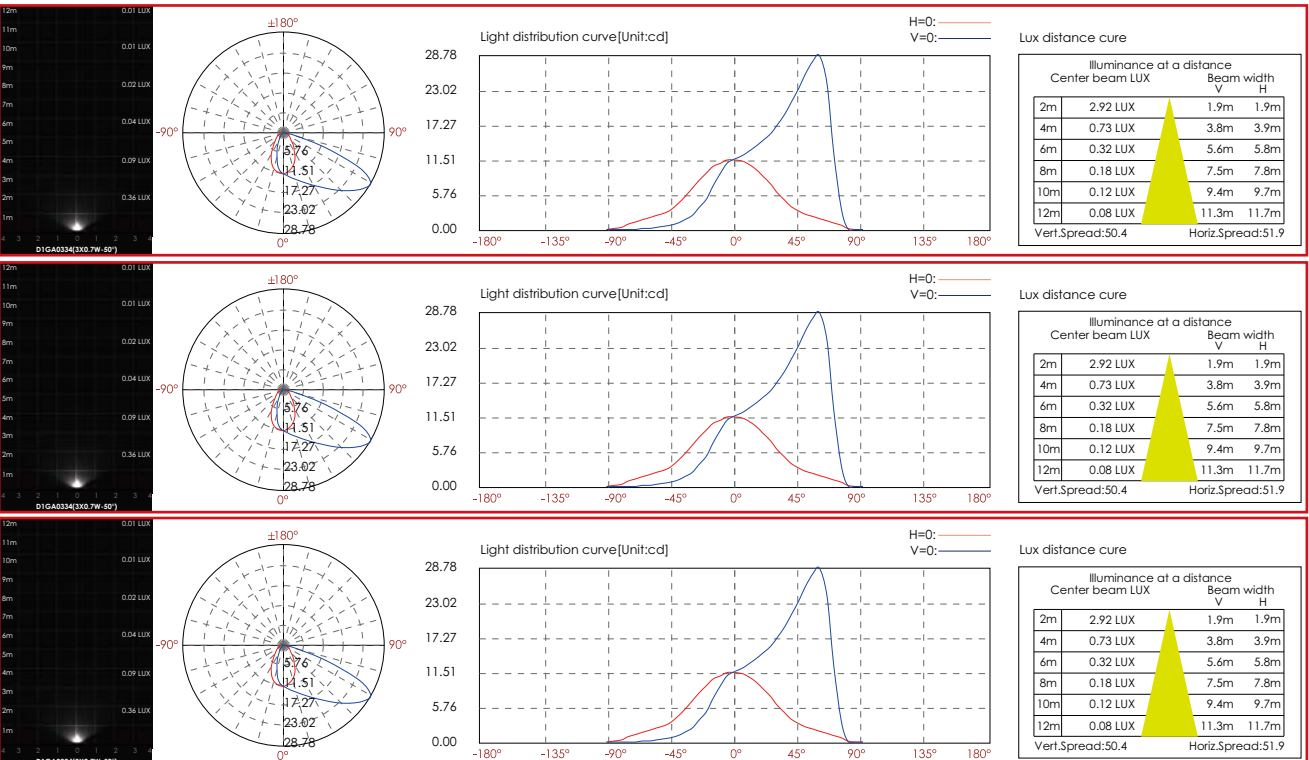
LED DRIVER Constant Voltage Input,Constant Current Output

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)

IP

PHOTOMETRIC



OPTIONAL LED CCT

2,000K · 3,000K · 6,000K

LENS



C11

45°
35°

DATASHEET

FRONT COVER C1FL0357: Made by hard chrome-plated stainless steel 316L#
D1FL1234: 12# Die-casting aluminum

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

LIGHT WINDOW C1FL0357:
Step-grinding and tempered high transparency glass T=8mm
D1FL1234:
PC T=4mm

CABLE GLAND IP68 PG-9 PA66

GASKET C1FL0357: Tooling shaped seal
D1FL1234: Molding shaped silicone seal

RECESSED SLEEVE PC/ABS ALLOYS 076#

LED DRIVER Constant Voltage Input, Constant Current Output

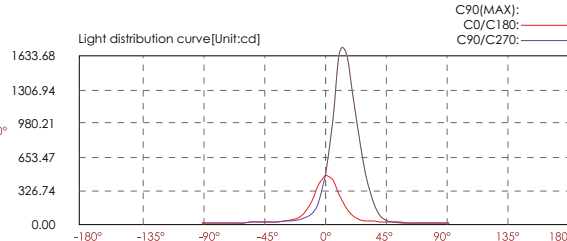
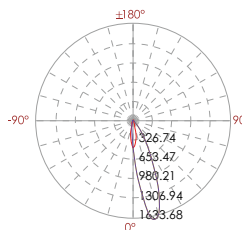
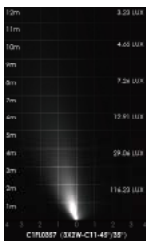
OPERATING TEMPERATURE -20°C~40°C

POWER CABLE H05RN-F 2×1.0mm² L=0.5m (low voltage)
H05RN-F 3×1.0mm² L=0.5m (high voltage)

IP IP65

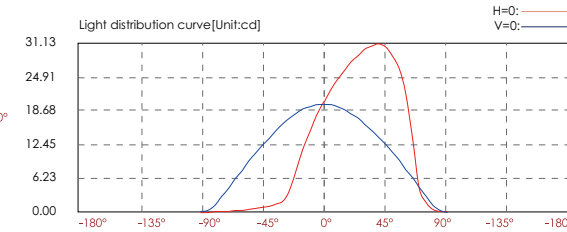
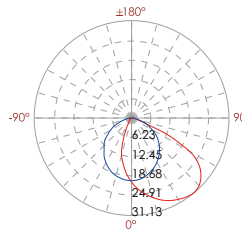
DIMMABLE SUPPORT Triac · PWM · 1-10V · Dali(Please refer to p.333 to see more option and specification)

PHOTOMETRIC



Lux distance cure

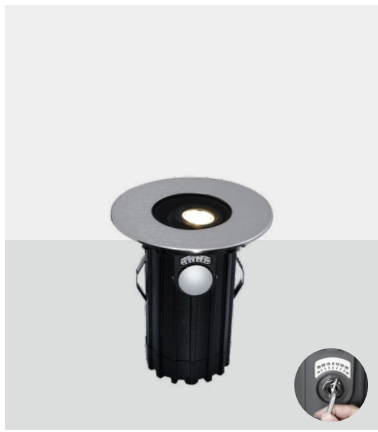
Illuminance at a distance			
Center beam LUX	Beam width V	H	
2m 116.23 LUX	0.7m	0.6m	
4m 29.06 LUX	1.5m	1.3m	
6m 12.91 LUX	2.2m	1.9m	
8m 7.26 LUX	3.0m	2.5m	
10m 4.65 LUX	3.7m	3.1m	
12m 3.23 LUX	4.5m	3.8m	
Ver.Spread:21.2		Horiz.Spread:17.8	



Lux distance cure

Illuminance at a distance			
Center beam LUX	Beam width V	H	
2m 4.99 LUX	3.00m	4.70m	
4m 1.25 LUX	5.90m	9.50m	
6m 0.55 LUX	8.90m	14.2m	
8m 0.31 LUX	11.8m	19.0m	
10m 0.20 LUX	14.8m	23.7m	
12m 0.14 LUX	17.7m	28.3m	
Ver.Spread:72.9		Horiz.Spread:99.8	





ITEM	XB2CFR0157F
LIGHT SOURCE	1×2W
LENS	B33D
SELECTED DEGREE(°)θ1/2	20°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=110 120V=43 240V=27
CONSUMPTION(W)	24V=2.6 120V=3.2 240V=3.2
LUMINANCE(LM)	CW=147 WW=112
IK	09

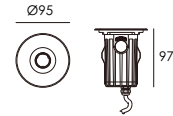


ITEM	XB2DFR0158F
LIGHT SOURCE	1×3W
LENS	B87
SELECTED DEGREE(°)θ1/2	9°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=131 120V=36 240V=22
CONSUMPTION(W)	24V=3.1 120V=4.3 240V=4.1
LUMINANCE(LM)	300
IK	09

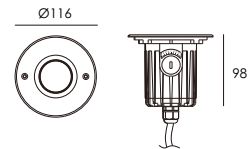


ITEM	XB2EFR0656
LIGHT SOURCE	6×1.2W
LENS	B17
SELECTED DEGREE(°)θ1/2	20°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=325 120V=70 240V=46
CONSUMPTION(W)	24V=7.8 120V=9.2 240V=9.2
LUMINANCE(LM)	CW=700 WW=570
IK	10

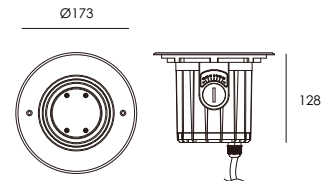
OUTER DIMENSIONS (Unit: mm)



OUTER DIMENSIONS (Unit: mm)



OUTER DIMENSIONS (Unit: mm)



DATASHEET

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 XB2CFR0157: Tempered frosted step glass.T=6mm
XB2DFR0158: Tempered frosted step glass.T=8mm
XB2EFR0656: Tempered frosted step glass.T=8mm full

GLASS PRESSURE CAPACITY XB2CFR0157: Full Area=1,195kgs
XB2DFR0158: Full Area=2,526kgs
XB2EFR0656: Full Area=2,621kgs

CABLE GLAND XB2CFR0157: IP68 PG-9 PA66
XB2DFR0158: IP68 PG-11 PA66
XB2EFR0656: IP68 PG-11 PA66

GASKET Silicon rubber molding shaped seal

LED DRIVER Constant Voltage Input, Constant Current Output

OPERATING TEMPERATURE -20°C~40°C

POWER CABLE XB2CFR0157:
H05RN-F 2X1.0mm2 L=0.5m(low voltage)
H05RN-F 3X1.0mm2 L=0.5m(high voltage)
XB2DFR0158, XB2EFR0656:
H07RN-F 2X1.0mm2 L=0.5m(low voltage)
H07RN-F 3X1.0mm2 L=0.5m(high voltage)

DIMMABLE SUPPORT PC/ABS ALLOYS

RECESSED SLEEVE MATERIAL

LED COLOUR TEMPERATURE

3,000K · 6,000K

LENS

	B33	9° 15° 20° 45°
	B87	9° 20° 30° 10°×38°
	B17	15° 20° 30° 50°

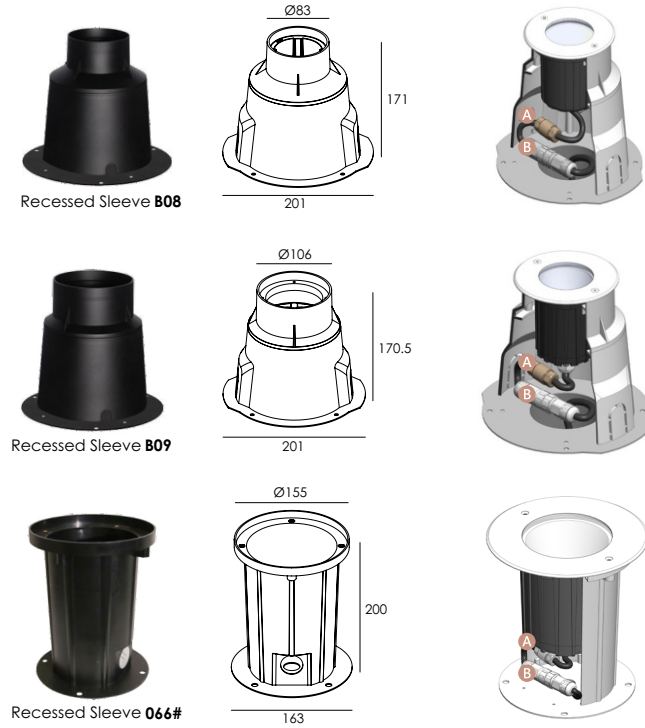
HONEYCOMB(Optional)

XB2DFR0157	XB2DFR0158	XB2EFR0656
		
Louver Mh040	Louver Mh001	Louver Mh002

• Optional Accessory Honeycomb Louver

• The measured luminous flux data does not contain the honeycomb, and the data containing is reduced 20 to 30%.

SLEEVE (Included)



Water proof solution



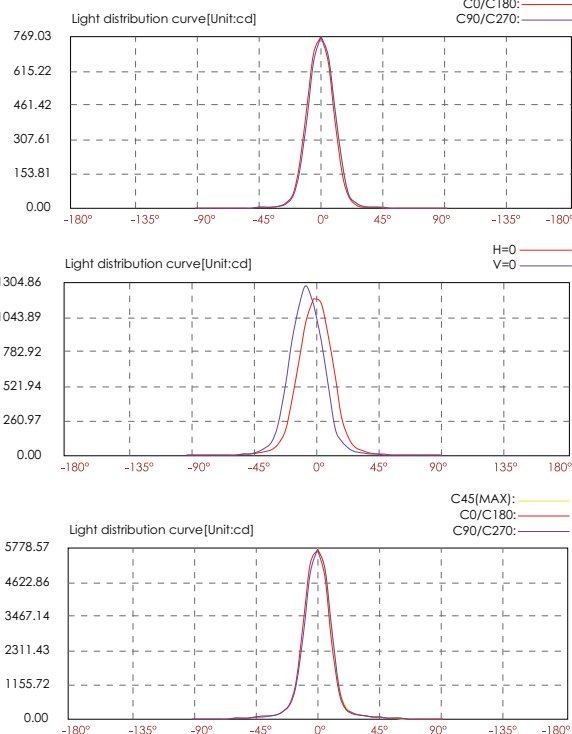
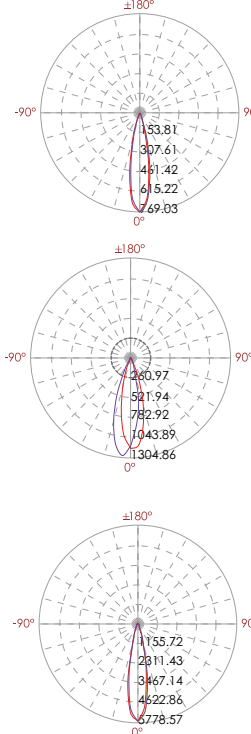
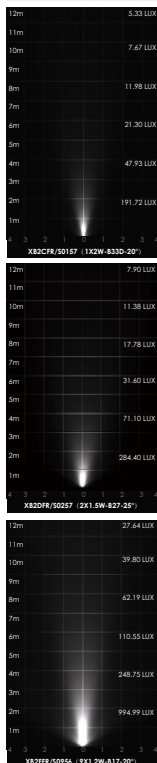
A Water-Stopper(Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is required to block the entry of water vapor.

B IP67 Jiffy quick plug/socket connector(Optional)

To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

PHOTOMETRIC



Lux distance cure

Illuminance at a distance		Beam width	
Center beam LUX	V	H	
2m	191.72 LUX	0.8m	0.8m
4m	47.93 LUX	1.5m	1.5m
6m	21.30 LUX	2.3m	2.3m
8m	11.98 LUX	3.1m	3.1m
10m	7.67 LUX	3.8m	3.8m
12m	5.33 LUX	4.6m	4.6m
Ver.Spread:21.8		Horiz.Spread:21.8	

Lux distance cure

Illuminance at a distance		Beam width	
Center beam LUX	V	H	
2m	284.40 LUX	1.0m	1.0m
4m	71.10 LUX	1.9m	2.0m
6m	31.40 LUX	2.9m	2.9m
8m	17.78 LUX	3.9m	3.9m
10m	11.38 LUX	4.8m	4.9m
12m	7.90 LUX	5.8m	5.9m
Ver.Spread:27.1		Horiz.Spread:27.4	

Lux distance cure

Illuminance at a distance		Beam width	
Center beam LUX	V	H	
2m	1428.35 LUX	0.7m	0.7m
4m	357.09 LUX	1.5m	1.5m
6m	158.71 LUX	2.2m	2.2m
8m	89.27 LUX	3.0m	2.9m
10m	57.13 LUX	3.7m	3.7m
12m	39.68 LUX	4.5m	4.4m
Ver.Spread:21.1		Horiz.Spread:20.8	



ITEM	XB2FFR0956
LIGHT SOURCE	9×1.2W
LENS	B17
SELECTED DEGREE(°)θ1/2	20°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=500 120V=112 240V=64
CONSUMPTION(W)	24V=12 120V=13.2 240V=13.2
LUMINANCE(LM)	CW=1090 WW=756
IK	10

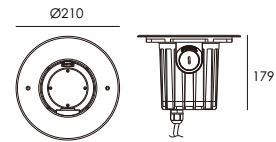


ITEM	XB2GFR1257
LIGHT SOURCE	12×1.5W
LENS	B27
SELECTED DEGREE(°)θ1/2	13°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=1020 120V=151 240V=82
CONSUMPTION(W)	24V=24.5 120V=18.2 240V=18.2
LUMINANCE(LM)	CW=1885 WW=1389
IK	10

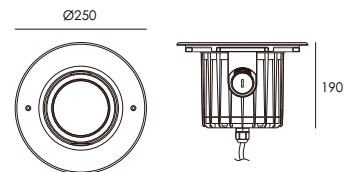


ITEM	XB2KFR1258
LIGHT SOURCE	12×2.2W
LENS	B27
SELECTED DEGREE(°)θ1/2	20°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=1150 120V=234 240V=125
CONSUMPTION(W)	24V=27.6 120V=28 240V=28
LUMINANCE(LM)	WW=2392
IK	10

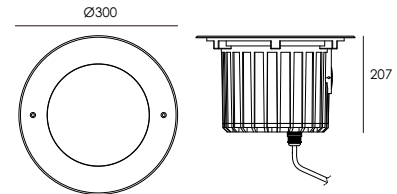
OUTER DIMENSIONS (Unit: mm)



OUTER DIMENSIONS (Unit: mm)



OUTER DIMENSIONS (Unit: mm)



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 XB2FFR0956: Tempered frosted step glass.T=8mm
XB2GFR1257: Tempered frosted step glass.T=10mm
XB2KFR1258: Tempered frosted step glass.T=10mm

GLASS PRESSURE CAPACITY XB2FFR0956: Full Area=2,961kgs
XB2GFR1257: Full Area=5,513kgs
XB2KFR1258: Full Area=5,356kgs

CABLE GLAND XB2FFR0956: IP68 PG-11 PA66
XB2GFR1257: IP68 PG-13.5 PA66
XB2KFR1258: IP68 PG-13.5 PA66

GASKET Silicon rubber molding shaped seal

LED DRIVER Constant Voltage Input, Constant Current Output

OPERATING TEMPERATURE -20°C~40°C

POWER CABLE XB2FFR0956, XB2KFR1258:
H07RN-F 2X1.0mm2 L=0.5m(low voltage)
H07RN-F 3X1.0mm2 L=0.5m(high voltage)
XB2GFR1257:
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

RECESSED SLEEVE MATERIAL PC/ABS ALLOYS

LED COLOUR TEMPERATURE

2,000K · 3,000K · 6,000K

LENS

	B17	15°	20°	30°	50°
	B26	8°			
	B27	13°	25°	30°	

HONEYCOMB(Optional)



• Optional Accessory Honeycomb Louver

• The measured luminous flux data does not contain the honeycomb, and the data containing is reduced 20 to 30%.

SLEEVE (Included)



Water proof solution



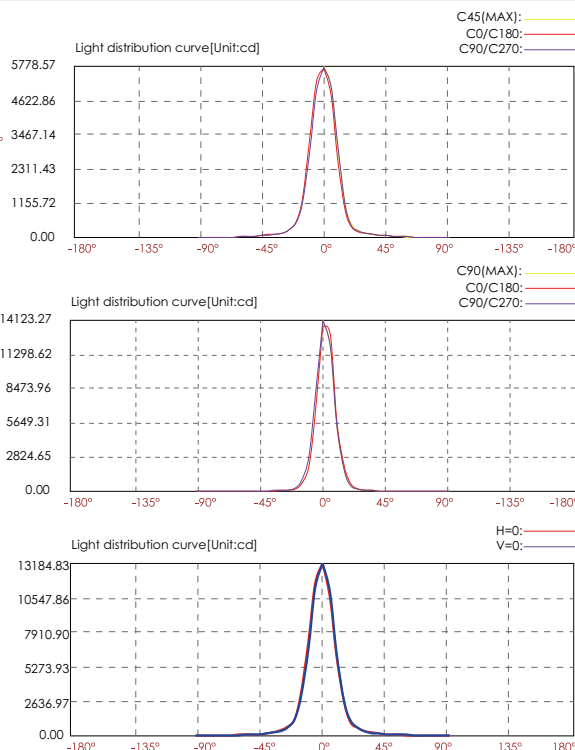
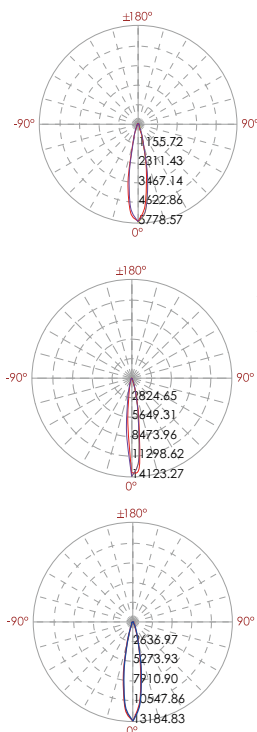
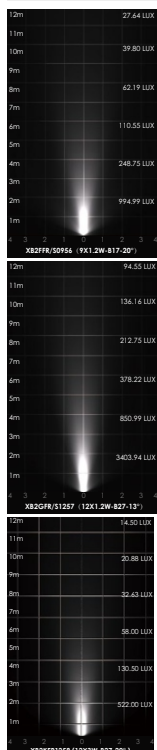
A Water-Stopper(Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is required to block the entry of water vapor.

B IP67 Jiffy quick plug/socket connector(Optional)

To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

PHOTOMATIRC



Lux distance cure

Illuminance at a distance			
Center beam LUX	Beam width V	H	
2m	1428.35 LUX	0.7m	0.7m
4m	357.09 LUX	1.5m	1.5m
6m	158.71 LUX	2.2m	2.2m
8m	89.27 LUX	3.0m	2.9m
10m	57.13 LUX	3.7m	3.7m
12m	39.68 LUX	4.5m	4.4m
Ver.Spread:21.1		Horiz.Spread:20.8	

Lux distance cure

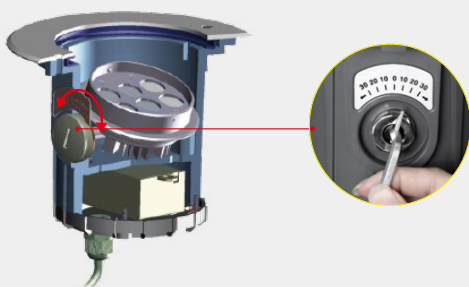
Illuminance at a distance			
Center beam LUX	Beam width V	H	
2m	3403.94 LUX	0.5m	0.5m
4m	850.99 LUX	1.0m	1.0m
6m	378.22 LUX	1.5m	1.4m
8m	212.75 LUX	2.0m	1.9m
10m	136.16 LUX	2.6m	2.4m
12m	94.55 LUX	3.1m	2.9m
Ver.Spread:14.5		Horiz.Spread:13.7	

Lux distance cure

Illuminance at a Distance			
Center Beam LUX	Beam Width V	H	
2m	3285.71 LUX	0.7m	0.7m
4m	821.43 LUX	1.4m	1.4m
6m	365.08 LUX	2.1m	2.1m
8m	205.36 LUX	2.9m	2.8m
10m	131.43 LUX	3.6m	3.5m
12m	91.27 LUX	4.3m	4.2m
Vert.Spread:20.2		Horiz.Spread:19.9	

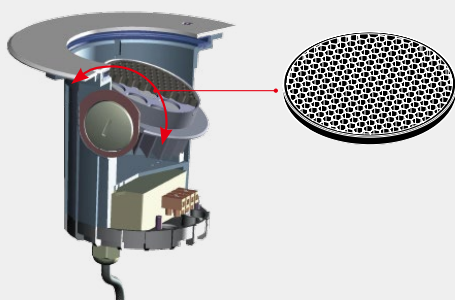
Adjustable Beam Direction Series

FEATURE



A simplicity of wider angle adjustment

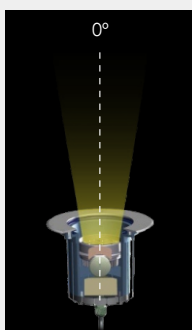
- In according to the environment require to adjust the angle of light



Honey comb - Good choice for soft light

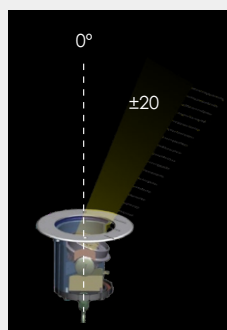
- The honey comb louver will be synchronized changed along with the light beam angle

LUMINOUS BEAM COMPAIRISON 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

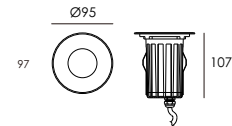
Cool White =1621
Warm White=1195





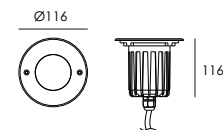
ITEM	R2CFR0125F
LIGHT SOURCE	1×5W COB
REFLECTOR	R7
SELECTED DEGREE(°)θ1/2	24°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=265 120V=52 240V=34
CONSUMPTION(W)	24V=6.3 120V=6 240V=6.8
LUMINANCE(LM)	CW=555 WW=441
IK	09

OUTER DIMENSIONS (Unit: mm)



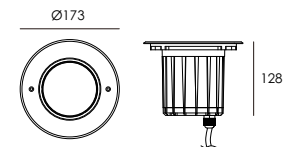
ITEM	R2DFR0126F
LIGHT SOURCE	1×7W COB
REFLECTOR	R8
SELECTED DEGREE(°)θ1/2	24°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=324 120V=72 240V=40
CONSUMPTION(W)	24V=7.7 120V=8.5 240V=8.5
LUMINANCE(LM)	CW=921 WW=744
IK	09

OUTER DIMENSIONS (Unit: mm)



ITEM	R2EFR0129
LIGHT SOURCE	1×12W COB
REFLECTOR	R18
SELECTED DEGREE(°)θ1/2	22°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=529 120V=102 240V=64
CONSUMPTION(W)	24V=12.7 120V=14 240V=14
LUMINANCE(LM)	CW=1436 WW=1389
IK	10

OUTER DIMENSIONS (Unit: mm)



DATASHEET

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	R2CFR0125: Tempered frosted step glass.T=6mm R2DFR0126: Tempered frosted step glass.T=8mm R2EFR0129: Tempered frosted step glass.T=8mm
REFLECTOR	Optical Reflector efficiency≥90%
LED	NICHIA COB
GLASS PRESSURE CAPACITY	R2CFR0125: Full Area=1.195kgs R2DFR0126: Full Area=2.526kgs R2EFR0129: Full Area=2.621kgs
CABLE GLAND	R2CFR0125, R2DFR0126: IP68 PG-9 PA66 IP68 PG-11 PA66; IP68 PG-11 PA66
GASKET	Silicon rubber molding shaped seal
LED DRIVER	Constant Voltage Input, Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	R2CFR0125: H05RN-F 2X1.0mm2 L=0.5m(low voltage) H05RN-F 3X1.0mm2 L=0.5m(high voltage) R2DFR0126, R2EFR0129: H07RN-F 2X1.0mm2 L=0.5m(low voltage) H07RN-F 3X1.0mm2 L=0.5m(high voltage)
RECESSED SLEEVE MATERIAL	PC/ABS ALLOYS

LED COLOUR TEMPERATURE

3,000K · 6,000K

LENS

	R7	18° 24° 32°
	R8	15° 24° 38° 60°
	B18	15° 22° 35° 55°

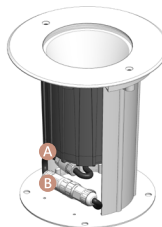
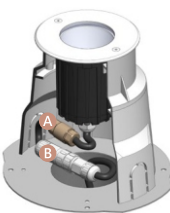
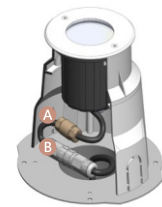
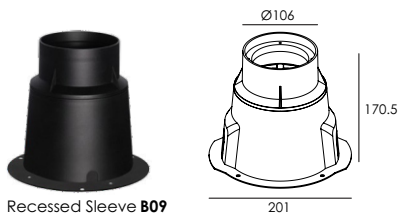
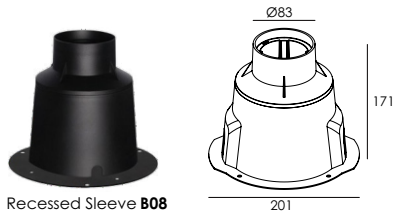
HONEYCOMB LOUVER (Option)

R2CFR0125	R2DFR0126	R2EFR0129
Louver Mh005	Louver Mh006	Louver Mh007

• Optional Accessory Honeycomb Louver

• The measured luminous flux data does not contain the honeycomb, and the data containing is reduced 20 to 30%.

SLEEVE (Included)



Water proof solution



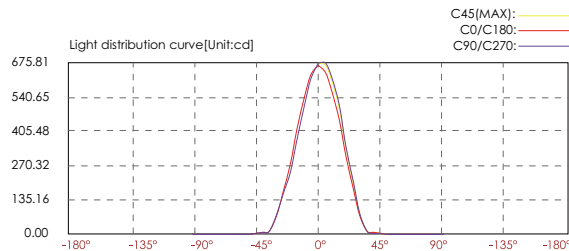
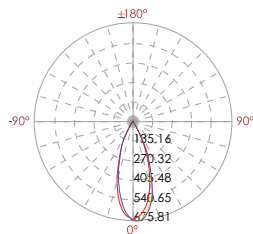
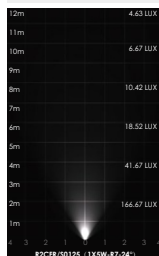
A Water-Stopper(Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is required to block the entry of water vapor.

B IP67 Jiffy quick plug/socket connector(Optional)

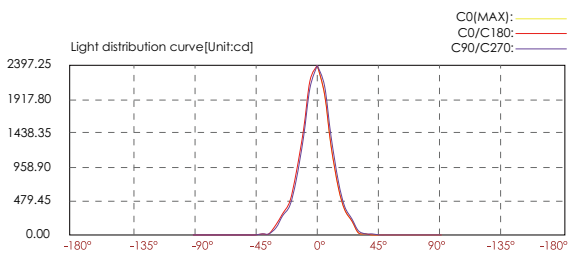
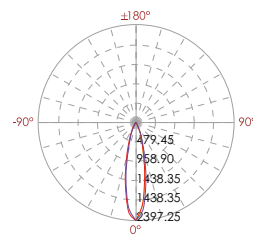
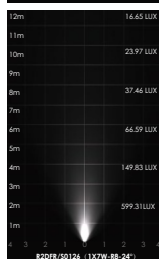
To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

PHOTOMATIRC



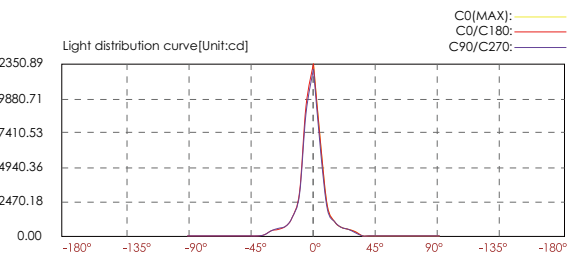
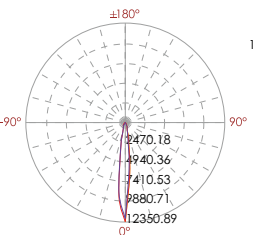
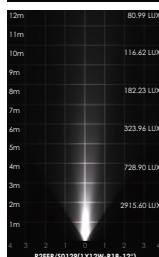
Lux distance cure

Illuminance at a distance			
Center beam LUX	Beam width	V	H
2m	166.67 LUX	1.3m	1.3m
4m	41.67 LUX	2.7m	2.7m
6m	18.52 LUX	4.0m	4.0m
8m	18.42 LUX	5.3m	5.3m
10m	6.67 LUX	6.7m	6.7m
12m	6.43 LUX	8.0m	8.0m
Ver.Spread:36.9		Horiz.Spread:36.9	



Lux distance cure

Illuminance at a distance			
Center beam LUX	Beam width	V	H
2m	599.31 LUX	0.8m	0.8m
4m	149.83 LUX	1.6m	1.6m
6m	66.59 LUX	2.5m	2.4m
8m	37.46 LUX	3.3m	3.2m
10m	23.97 LUX	4.1m	4.1m
12m	16.65 LUX	4.9m	4.9m
Ver.Spread:23.1		Horiz.Spread:23.0	



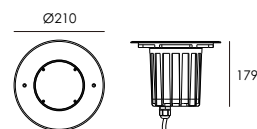
Lux distance cure

Illuminance at a distance			
Center beam LUX	Beam width	V	H
2m	3087.72 LUX	0.4m	0.5m
4m	771.93 LUX	0.9m	0.9m
6m	343.08 LUX	1.3m	1.4m
8m	192.98 LUX	1.7m	1.8m
10m	123.51 LUX	2.2m	2.3m
12m	85.77 LUX	2.6m	2.8m
Ver.Spread:12.3		Horiz.Spread:13.1	



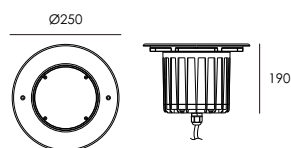
ITEM	R2FFR0170
LIGHT SOURCE	1×18W COB
REFLECTOR	R19
SELECTED DEGREE(°)θ1/2	22°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=700 120V=160 240V=85
CONSUMPTION(W)	24V=17 120V=18.5 240V=18.5
LUMINANCE(LM)	CW=1834 WW=1760
IK	10

OUTER DIMENSIONS (Unit: mm)



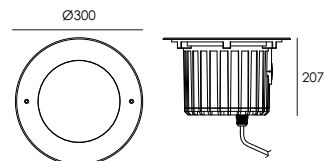
ITEM	R2GFR0173
LIGHT SOURCE	1×25W COB
REFLECTOR	R16
SELECTED DEGREE(°)θ1/2	12°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=1158 120V=240 240V=124
CONSUMPTION(W)	24V=28 120V=28 240V=28
LUMINANCE(LM)	CW=3001 WW=2803
IK	10

OUTER DIMENSIONS (Unit: mm)



ITEM	R2KFR0176
LIGHT SOURCE	1×40W COB
REFLECTOR	R29
SELECTED DEGREE(°)θ1/2	24°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=1870 120V=372 240V=187
CONSUMPTION(W)	24V=45 120V=45 240V=44.5
LUMINANCE(LM)	CW=4425 WW=4097
IK	10

OUTER DIMENSIONS (Unit: mm)



DATASHEET

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	R2FFR0170: Tempered frosted step glass.T=8mm R2GFR0173: Tempered frosted step glass.T=10mm R2KFR0176: Tempered frosted step glass.T=10mm
REFLECTOR	Optical Reflector efficiency≥90%
LED	NICHIA COB
GLASS PRESSURE CAPACITY	R2FFR0170: Full Area=2,940kgs R2GFR0173: Full Area=5,016kgs R2KFR0176: Full Area=5,016kgs
CABLE GLAND	R2FFR0170: IP68 PG-11 PA66 R2GFR0173: IP68 PG-13.5 PA66 R2KFR0176: IP68 PG-13.5 PA66
GASKET	Silicon rubber 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)
RECESSED SLEEVE MATERIAL	PC/ABS ALLOYS

LED COLOUR TEMPERATURE

3,000K · 6,000K

LENS

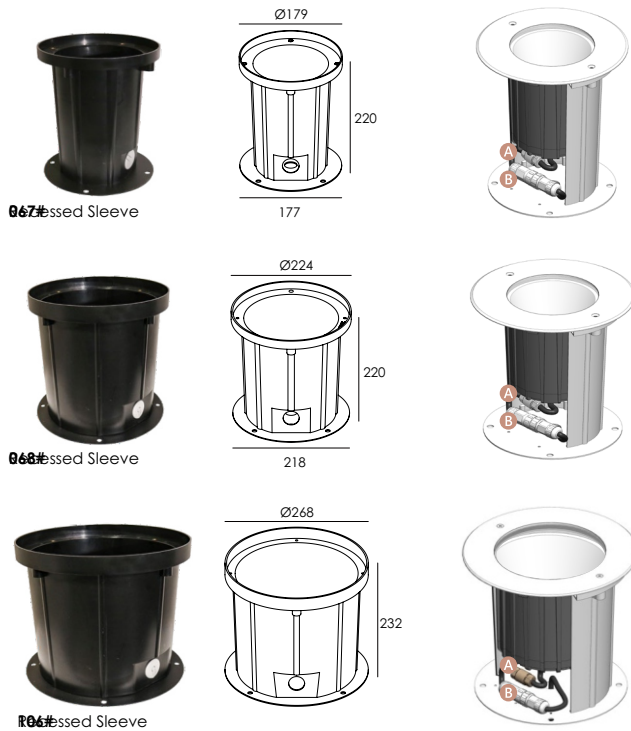
	R19	10°	22°	38°
	R16	12°	25°	38°
	R29	8°	24°	38°

HONEYCOMB LOUVER (Option)

R2FFR0170	R2GFR0173	R2KFR0176
Louver Mh008	Louver Mh009	Louver Mh035

- Optional Accessory Honeycomb Louver
- The measured luminous flux data does not contain the honeycomb, and the data containing is reduced 20 to 30%.

SLEEVE (Included)



Water proof solution



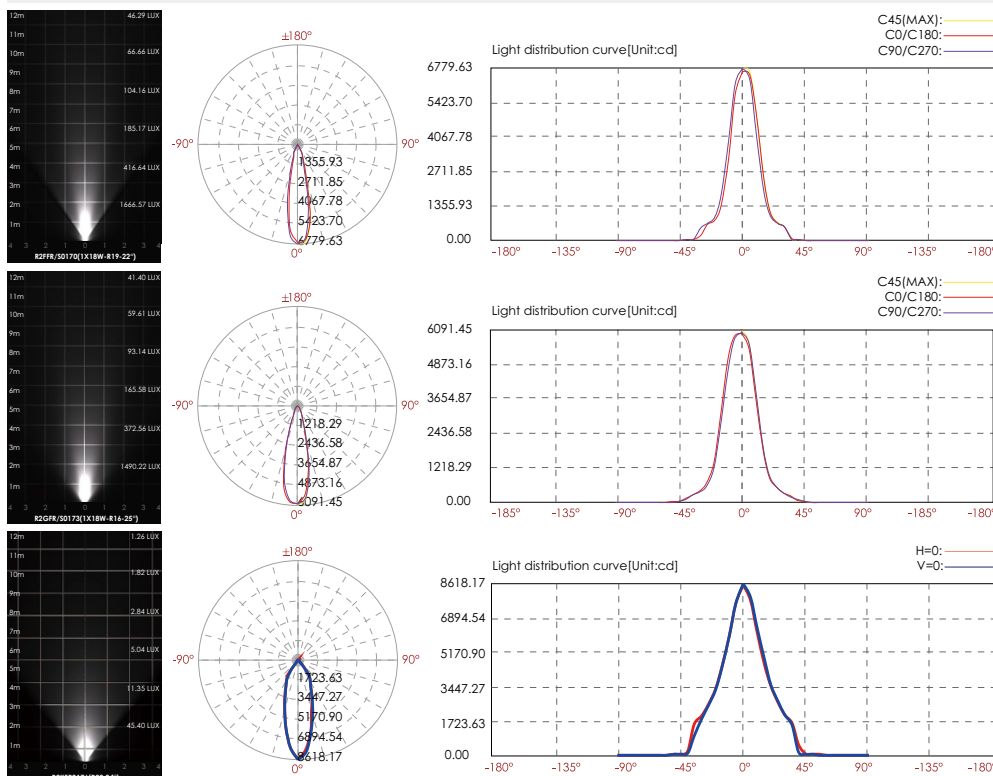
A Water-Stopper(Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is required to block the entry of water vapor.

B IP67 Jiffy quick plug/socket connector(Optional)

To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

PHOTOMETRIC



Illuminance at a distance

Center beam LUX	Beam width V	H
2m 1666.57 LUX	0.8m	0.8m
4m 416.64 LUX	1.6m	1.6m
6m 182.17 LUX	2.4m	2.4m
8m 104.16 LUX	3.3m	3.2m
10m 66.66 LUX	4.1m	4.0m
12m 46.29 LUX	4.9m	4.8m

Ver.Spread:23.0 Horiz.Spread:22.8

Illuminance at a distance

Center beam LUX	Beam width V	H
2m 1490.22 LUX	0.9m	1.0m
4m 372.56 LUX	1.9m	1.9m
6m 165.58 LUX	2.8m	2.9m
8m 93.14 LUX	3.8m	3.8m
10m 59.61 LUX	4.7m	4.8m
12m 41.40 LUX	5.7m	2.7m

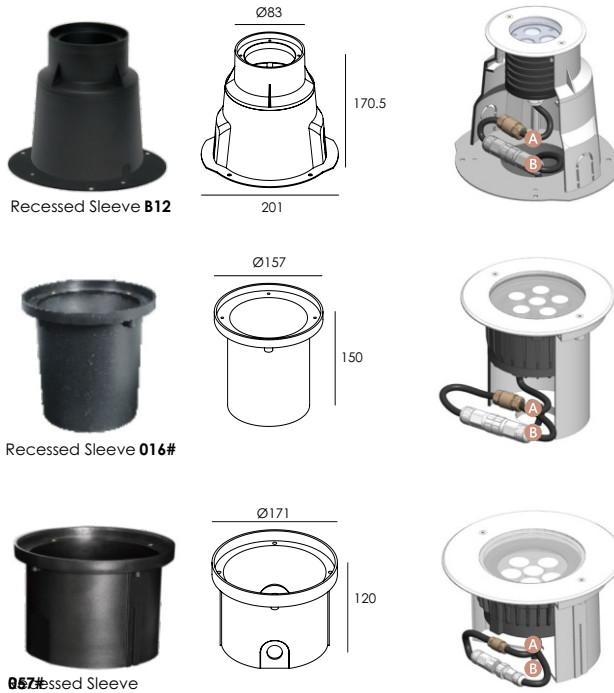
Ver.Spread:26.5 Horiz.Spread:26.9

Illuminance at a distance

Center Beam LUX	Beam Width V	H
2m 2139.95 LUX	1.1m	1.2m
4m 534.99 LUX	2.3m	2.3m
6m 237.77 LUX	3.4m	3.5m
8m 133.75 LUX	4.5m	4.6m
10m 85.60 LUX	5.7m	5.8m
12m 59.44 LUX	6.8m	6.9m

Ver.Spread:31.7 Horiz.Spread:32.3

SLEEVE (Included)



Water proof solution



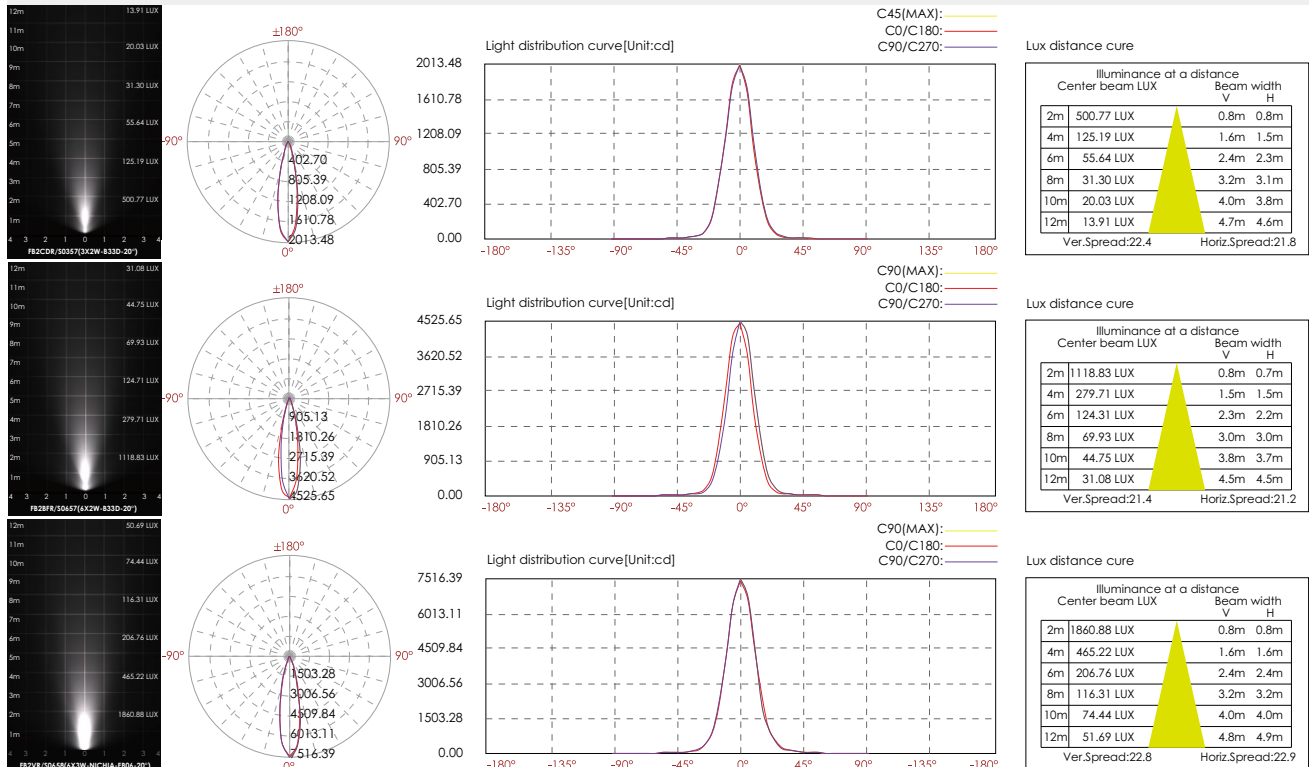
A Water-Stopper(Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is required to block the entry of water vapor.

B IP67 Jiffy quick plug/socket connector(Optional)

To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

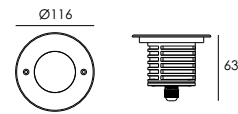
PHOTOMATIRC





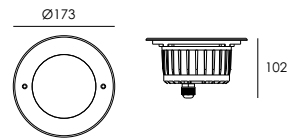
ITEM	FB2CDR0357F
LIGHT SOURCE	3×2W
LENS	FB03
SELECTED DEGREE(°)Ø1/2	20°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=206 120V=51 240V=30
CONSUMPTION(W)	24V=5.2 120V=6.0 240V=6.0
LUMINANCE(LM)	CW=479 WW=376
IK	08

OUTER DIMENSIONS (Unit: mm)



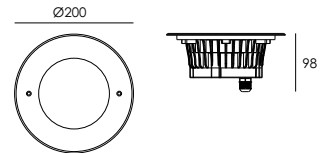
ITEM	FB2BFR0657
LIGHT SOURCE	6×2W
LENS	FB06
SELECTED DEGREE(°)Ø1/2	20°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=526 120V=100 240V=56
CONSUMPTION(W)	24V=13.5 120V=11.8 240V=12.4
LUMINANCE(LM)	CW=956 WW=995
IK	07

OUTER DIMENSIONS (Unit: mm)



ITEM	FB2VAR0658
LIGHT SOURCE	6×3W
LENS	FB06
SELECTED DEGREE(°)Ø1/2	20°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=850 120V=156 240V=84
CONSUMPTION(W)	24V=20.4 120V=18.6 240V=18.8
LUMINANCE(LM)	CW=1866 WW=1605
IK	07

OUTER DIMENSIONS (Unit: mm)



LED COLOUR TEMPERATURE

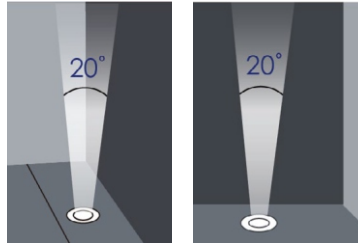
2,000K · 3,000K · 6,000K

LENS

	FB03	9°	15°	20°	30°	45°
	FB06	9°	15°	20°	30°	45°

IMPRESSION DRAWING OF LENS

Symmetrical



DATASHEET

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
LED	FB2CDR0357, FB2BFR0657: OSRAM FB2VAR0658: NICHIA
PCB	Excellent heat conductivity aluminum coefficient of heat Conductivity≥2.0w/mk
LED DRIVER	Constant Voltage Input, Constant Current Output
LENS	Optical Reflector efficiency≥85%
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	FB2CDR0357, FB2VAR0658: H05RN-F 2X1.0mm2 L=0.5m(low voltage) H05RN-F 3X1.0mm2 L=0.5m(high voltage) FB2BFR0657: H07RN-F 2X1.0mm2 L=0.5m(low voltage) H07RN-F 3X1.0mm2 L=0.5m(high voltage)
RECESSED SLEEVE MATERIAL	PC/ABS ALLOYS
GLASS PRESSURE CAPACITY	FB2CDR0357: 2,578kgs FB2BFR0657: 2,274kgs FB2VAR0658: 3,489kgs
DIMMABLE SUPPORT	IP IP67

HONEYCOMB LOUVER (Option)

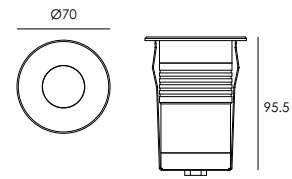
FB2CDR0357	FB2BFR0657	FB2VAR0658
Louver Mh012	Louver Mh013	Louver Mh037

- Optional Accessory Honeycomb Louver
- The measured luminous flux data does not contain the honeycomb, and the data containing is reduced 20 to 30%.



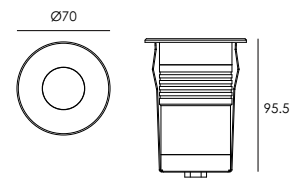
ITEM
B2IR0125F
LIGHT SOURCE
1×5W COB
LENS
B71
SELECTED DEGREE(°)Ø1/2
24°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=265 120V=52 240V=32
CONSUMPTION(W)
24V=6.3 120V=6.5 240V=6.7
LUMINANCE(LM)
493
IK
08

OUTER DIMENSIONS (Unit: mm)



ITEM
R2IR0125AF
LIGHT SOURCE
1×5W COB
REFLECTOR
R7
SELECTED DEGREE(°)Ø1/2
24°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=265 120V=52 240V=32
CONSUMPTION(W)
24V=6.3 120V=6.5 240V=6.7
LUMINANCE(LM)
CW=506 WW=442
IK
08

OUTER DIMENSIONS (Unit: mm)



HONEYCOMB LOUVER (Option)

FB2CDR0357/FB2CDR0357 A



Louver Mh015

- Optional Accessory Honeycomb Louver
- The measured luminous flux data does not contain the honeycomb, and the data containing is reduced 20 to 30%.

LED COLOUR TEMPERATURE

3,000K · 6,000K

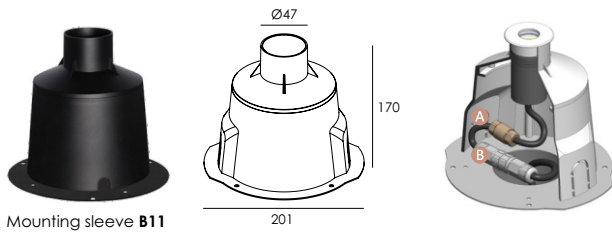
LENS

	B71	15°	45°	60°
	R7	18°	24°	32°

DATASHEET

FRONT COVER	Hard chromeplated stainless steel SUS 316#
HOUSING	12# Die-casting dark grey powder coated aluminum T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	Tempered step glass. T=7mm
GASKET	Silicon rubber molding shaped seal
POWER CABLE	H05RN-F 2×1.0mm ² L=0.5m (low voltage) H05RN-F 3×1.0mm ² L=0.5m (high voltage)
CABLE GLAND	IP67 Copper and nicked coated
LED TYPE	Nichia COB
LED DRIVER	Constant Voltage Input, Constant Current Output
LENS	Optical Reflector efficiency≥90%
RECESSED SLEEVE MATERIAL	PC/ABS ALLOYS
GLASS PRESSURE CAPACITY	Full area=783kgs
DIMMABLE SUPPORT	
IP	IP67
OPERATING TEMPERATURE	-20°C~40°C

SLEEVE (Included)



Mounting sleeve B11

A Water-Stopper(Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is required to block the entry of water vapor.

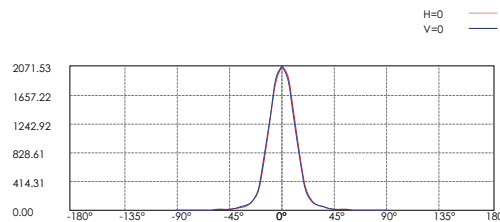
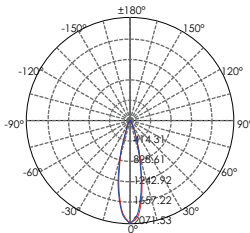
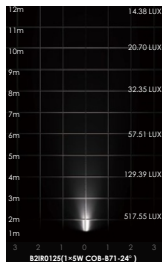
B IP67 Jiffy quick plug/socket connector(Optional)

To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

Water proof solution



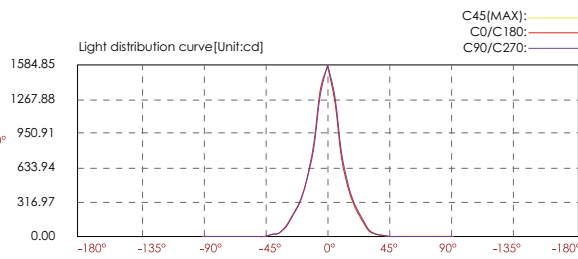
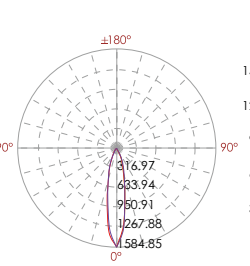
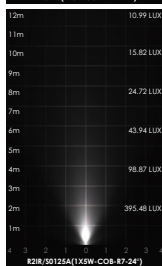
PHOTOMETRIC



Lux distance Curve

	Illuminance at a Distance	
	Center Beam LUX	Beam Width V H
2m	517.55 LUX	0.9m 0.9m
4m	129.39 LUX	1.8m 1.8m
6m	57.51 LUX	2.7m 2.7m
8m	32.35 LUX	3.6m 3.5m
10m	20.70 LUX	4.5m 4.4m
12m	14.38 LUX	5.3m 5.3m

Vert.Spread:25.1 Horiz.Spread:25.0



C45(MAX):
C0/C180:
C90/C270:

Lux distance cure

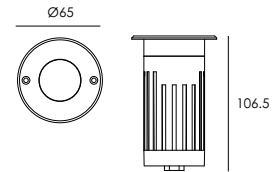
	Illuminance at a distance	
	Center beam LUX	Beam width V H
2m	395.48 LUX	0.8m 0.9m
4m	98.87 LUX	1.7m 1.7m
6m	43.94 LUX	2.5m 2.6m
8m	24.72 LUX	3.3m 3.4m
10m	15.82 LUX	4.2m 4.3m
12m	10.99 LUX	5.0m 5.1m

Ver.Spread:23.5 Horiz.Spread:24.1



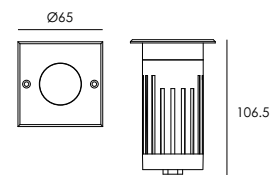
ITEM
B2CAR0158F
LIGHT SOURCE
1×3W
LENS
B33D
SELECTED DEGREE(°)θ1/2
30°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=187 120V=36 240V=22
CONSUMPTION(W)
24V=4.5 120V=4.3 240V=4.3
LUMINANCE(LM)
CW=305 WW=267

OUTER DIMENSIONS (Unit: mm)



ITEM
B2CAS0158F
LIGHT SOURCE
1×3W
LENS
B33D
SELECTED DEGREE(°)θ1/2
30°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=187 120V=36 240V=22
CONSUMPTION(W)
24V=4.5 120V=4.3 240V=4.3
LUMINANCE(LM)
CW=305 WW=267

OUTER DIMENSIONS (Unit: mm)



LED COLOUR TEMPERATURE

2,000K · 3,000K · 6,000K

LENS

 B33	9°	15°	20°
	30°	45°	60°

HONEYCOMB LOUVER (Option)

B2CAR0158



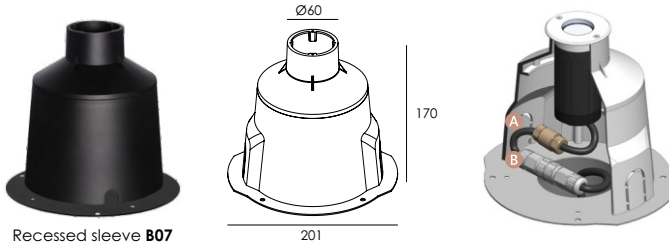
Louver Mh014

- Optional Accessory Honeycomb Louver
- The measured luminous flux data does not contain the honeycomb, and the data containing is reduced 20 to 30%.

DATASHEET

FRONT COVER	Hard chromeplated Stainless steel SUS 316L#
HOUSING	12# Die-casting grey powder coated aluminum T=60-80μm Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	Tempered step glass.T=5mm
GASKET	Silicon rubber molding shaped seal
POWER CABLE	H05RN-F 2×1.0mm ² L=0.5m(low voltage) H05RN-F 3×1.0mm ² L=0.5m(high voltage)
CABLE GLAND	
LED TYPE	Nichia
LED DRIVER	Constant Voltage Input,Constant Current Output
LENS	
RECESSED SLEEVE MATERIAL	PC/ABS ALLOYS
GLASS PRESSURE CAPACITY	Full area=783kgs
DIMMABLE SUPPORT	
IP	IP67
IK	08
OPERATING TEMPERATURE	-20°C~40°C

SLEEVE (Included)



Recessed sleeve **B07**

A Water-Stopper(Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is required to block the entry of water vapor.

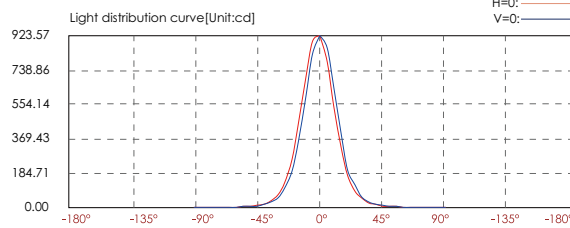
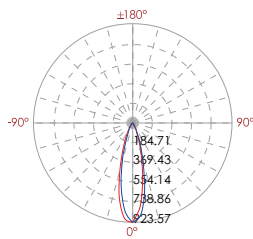
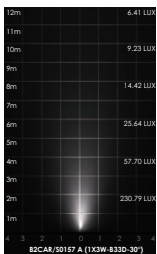
Water proof solution



B IP67 Jiffy quick plug/socket connector(Optional)

To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

PHOTOMATIRC

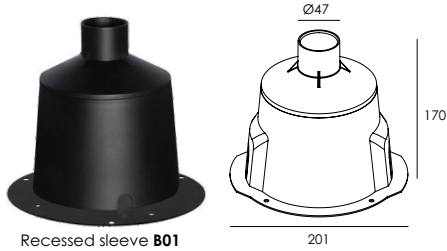


Lux distance cure

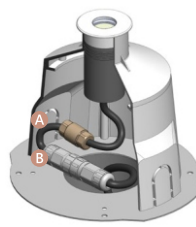
	Center beam LUX	Beam width	
		V	H
2m	230.79 LUX	0.9m	0.9m
4m	57.70 LUX	1.9m	1.9m
6m	25.64 LUX	2.8m	2.8m
8m	14.42 LUX	3.8m	3.8m
10m	9.23 LUX	4.7m	4.7m
12m	6.41 LUX	5.7m	5.6m
Ver.Spread:26.7		Horiz.Spread:26.5	



SLEEVE (Included)



Recessed sleeve B01



Water proof solution



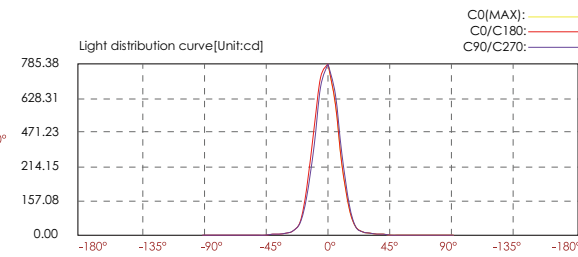
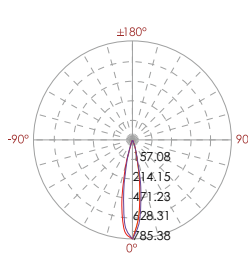
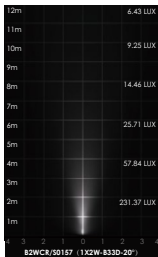
A Water-Stopper(Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is required to block the entry of water vapor.

B IP67 Jiffy quick plug/socket connector(Optional)

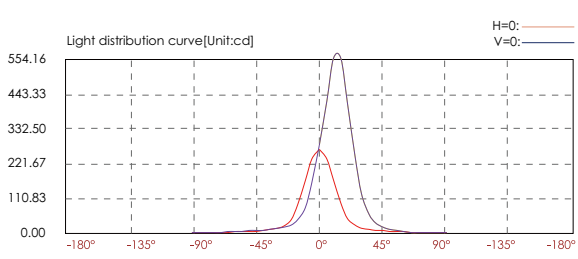
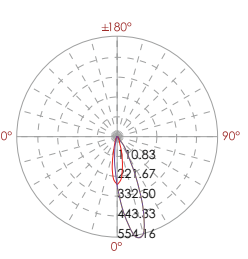
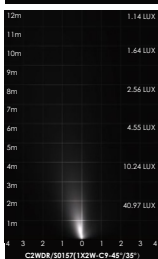
To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

PHOTOMATIRC



Lux distance cure

Illuminance at a distance		Beam width	
Center beam LUX		V	H
2m	196.35 LUX	0.4m	0.4m
4m	49.09 LUX	0.8m	0.8m
6m	21.82 LUX	1.3m	1.2m
8m	12.27 LUX	1.7m	1.6m
10m	7.85 LUX	2.1m	2.0m
12m	5.45 LUX	2.5m	2.4m



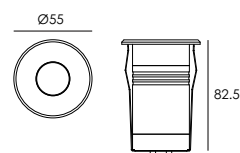
Lux distance cure

Illuminance at a distance		Beam width	
Center beam LUX		V	H
2m	40.97 LUX	0.6m	0.7m
4m	10.25 LUX	1.2m	1.4m
6m	4.55 LUX	1.7m	2.1m
8m	2.56 LUX	2.3m	2.8m
10m	1.64 LUX	2.9m	3.5m
12m	1.14 LUX	3.5m	4.2m



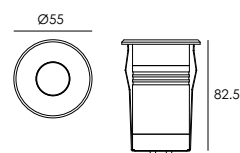
ITEM	B2WDR157AF
LIGHT SOURCE	1×2W
LENS	B33D
SELECTED DEGREE(°)Ø1/2	30°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=105 120V=47 240V=28
CONSUMPTION(W)	24V=2.5 120V=3.0 240V=3.1
LUMINANCE(LM)	CW=183 WW=143
IK	08

OUTER DIMENSIONS (Unit: mm)



ITEM	C2WDR0157AF
LIGHT SOURCE	1×2W
LENS	C9
SELECTED DEGREE(°)Ø1/2	45°/35°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=105 120V=47 240V=28
CONSUMPTION(W)	24V=2.5 120V=3.0 240V=3.1
LUMINANCE(LM)	CW=158 WW=130

OUTER DIMENSIONS (Unit: mm)

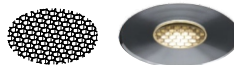


DATASHEET

FRONT COVER	Hard chromeplated stainless steel SUS 316#
HOUSING	12# Die-casting dark grey powder coated aluminum T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	Tempered step glass. T=7mm
GASKET	Silicon rubber molding shaped seal
POWER CABLE	H05RN-F 2×1.0mm ² L=0.5m(low voltage) H05RN-F 3×1.0mm ² L=0.5m(high voltage)
CABLE GLAND	IP67 Copper and nicked coated
LED TYPE	OSRAM
LED DRIVER	Constant Voltage Input, Constant Current Output
LENS	Optical Reflector efficiency≥85%
RECESSED SLEEVE MATERIAL	PC/ABS ALLOYS
GLASS PRESSURE CAPACITY	Full area=1,704kgs
DIMMABLE SUPPORT	
IP	IP67
IK	08
OPERATING TEMPERATURE	-20°C~40°C

HONEYCOMB LOUVER (Option)

B2WDR157 A



Louver Mh021

- Optional Accessory Honeycomb Louver
- The measured luminous flux data does not contain the honeycomb, and the data containing is reduced 20 to 30%.

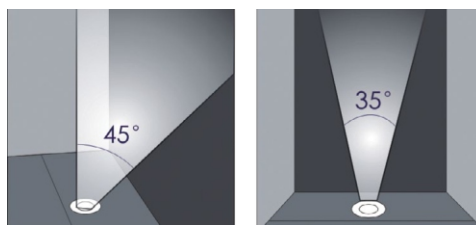
LED COLOUR TEMPERATURE

2,000K · 3,000K · 6,000K

LENS

	B33 B33D/B33F	9°	15°	20°
		30°	45°	60°
	C9	45°/35°		

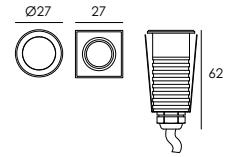
IMPRESSION DRAWING OF LENS C9





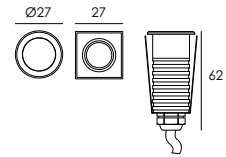
ITEM	OB2BPR0157F / □B2BPS0157F
LIGHT SOURCE	1×1.5W
LENS	B15
SELECTED DEGREE(°)θ1/2	20°
INPUT VOLTAGE(V)	DC24V
OPERATING CURRENT(MA)	83
CONSUMPTION(W)	2
LUMINANCE(LM)	136

OUTER DIMENSIONS (Unit: mm)



ITEM	OD2BPR0134F / □D2BPS0134F
LIGHT SOURCE	1×0.5W
SELECTED DEGREE(°)θ1/2	70°
INPUT VOLTAGE(V)	DC24V
OPERATING CURRENT(MA)	26
CONSUMPTION(W)	0.62
LUMINANCE(LM)	23

OUTER DIMENSIONS (Unit: mm)



DATASHEET

FRONT COVER	Hard chromeplated stainless steel SUS 316#
HOUSING	Aluminum anodized finshing or powder painting
LIGHT WINDOW	Tempered step glass.T=2mm
GASKET	Silicon rubber molding shaped seal
POWER CABLE	H05RN-F 2×0.5mm ² L=0.3m
CABLE GLAND	IP67 Nickel coated copper
LED TYPE	
LED DRIVER	Constant Current Input
LENS	Optical lens.efficiency≥85%
RECESSED SLEEVE MATERIAL	PC/ABS ALLOYS
GLASS PRESSURE CAPACITY	
DIMMABLE SUPPORT	
IP	IP67
IK	02
OPERATING TEMPERATURE	-20°C~40°C

LED COLOUR TEMPERATURE

2,000K · 3,000K · 6,000K

LENS



B15	10°	15°	20°
	30°		

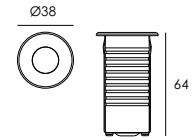
LIGHTING DEMO





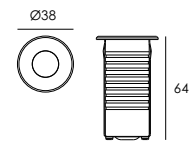
ITEM	B2YBR0157F
LIGHT SOURCE	1×1.5W NICHIA
LENS	B15
SELECTED DEGREE(°)Ø1/2	65°
INPUT VOLTAGE(V)	DC24V
OPERATING CURRENT(MA)	88
CONSUMPTION(W)	2.1
LUMINANCE(LM)	145

OUTER DIMENSIONS (Unit: mm)



ITEM	D2YBR0134F
LIGHT SOURCE	1×0.5W NICHIA
SELECTED DEGREE(°)Ø1/2	65°
INPUT VOLTAGE(V)	DC24V
OPERATING CURRENT(MA)	26
CONSUMPTION(W)	0.6
LUMINANCE(LM)	31

OUTER DIMENSIONS (Unit: mm)



DATASHEET

HOUSING	12# Die-casting grey powder coated aluminum T=60-80µm Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	Tempered step glass.T=4mm
GASKET	Silicon rubber molding shaped seal
POWER CABLE	H05RN-F 2×1.0mm ² L=0.5m(low voltage)
CABLE GLAND	IP67 Nickel coated copper
LED TYPE	Osram or Nichia
LED DRIVER	Constant Current Input
LENS	PMMA
RECESSED SLEEVE MATERIAL	PC/ABS ALLOYS
GLASS PRESSURE CAPACITY	Full area=254kgs
DIMMABLE SUPPORT	
IP	IP67
IK	03
OPERATING TEMPERATURE	-20°C~40°C

LED COLOUR TEMPERATURE

2,000K · 3,000K · 6,000K

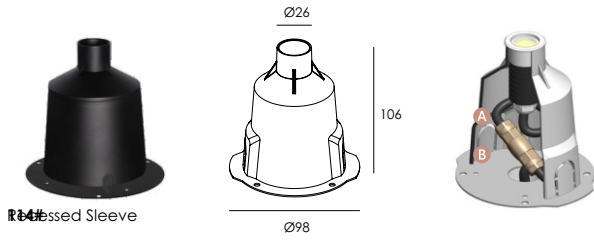
LENS



B15

10°	15°	20°
30°	10×33°	

SLEEVE (Included)



Pressed Sleeve

Water proof solution



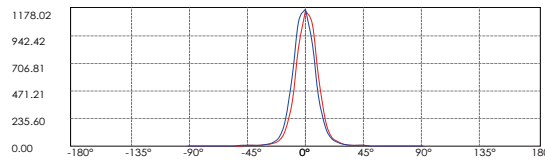
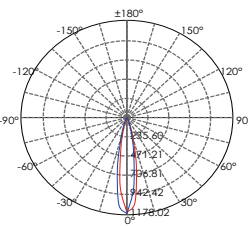
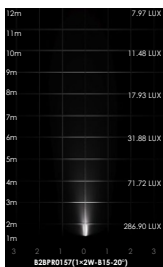
A Water-Stopper(Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is required to block the entry of water vapor.

B IP67 Jiffy quick plug/socket connector(Optional)

To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

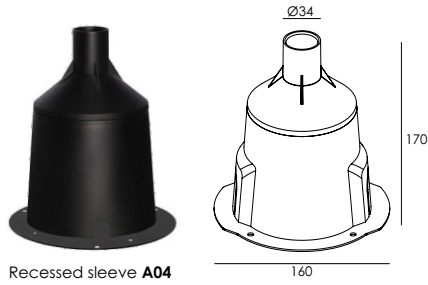
PHOTOMETRIC



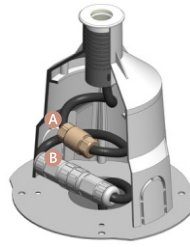
Lux distance Curve

	Illuminance at a Distance		Beam Width	
	Center Beam LUX	V	H	
2m	286.90 LUX	0.6m	0.7m	
4m	71.72 LUX	1.3m	1.3m	
6m	31.88 LUX	1.9m	2.0m	
8m	17.93 LUX	2.5m	2.6m	
10m	11.48 LUX	3.2m	3.3m	
12m	7.97 LUX	3.8m	3.9m	
Vert.Spread:18.0		Horiz.Spread:18.6		

SLEEVE (Included)



Recessed sleeve A04



Water proof solution



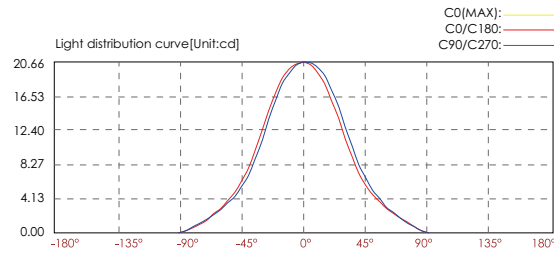
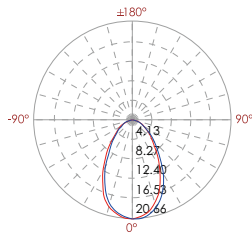
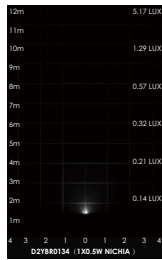
A Water-Stopper(Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is required to block the entry of water vapor.

B IP67 Jiffy quick plug/socket connector(Optional)

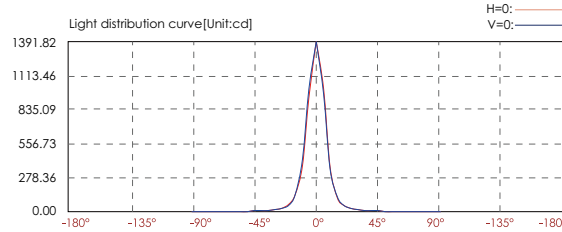
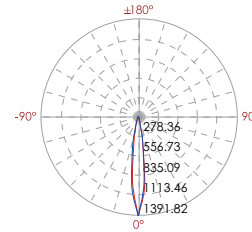
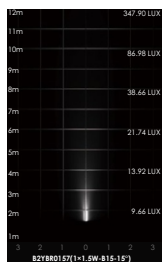
To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

PHOTOMATIRC



Lux distance cure

Illuminance at a distance			
Center beam LUX	Beam width		
	V	H	
2m	5.17 LUX	2.6m	2.6m
4m	1.29 LUX	5.2m	5.3m
6m	0.57 LUX	7.9m	7.9m
8m	0.32 LUX	10.5m	10.6m
10m	0.21 LUX	13.1m	13.2m
12m	0.14 LUX	15.7m	15.9m
Ver.Spread:66.5 Horiz.Spread:67.0			



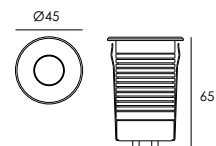
Lux distance cure

Illuminance at a distance			
Center beam LUX	Beam width		
	V	H	
2m	347.90 LUX	0.5m	0.5m
4m	86.98 LUX	1.0m	1.0m
6m	38.66 LUX	1.5m	1.6m
8m	21.74 LUX	2.0m	2.1m
10m	13.92 LUX	2.6m	2.6m
12m	9.66 LUX	3.1m	3.1m
Ver.Spread:14.6 Horiz.Spread:14.9			



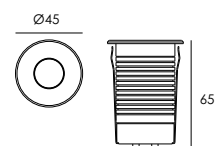
ITEM	B2YCR0157F
LIGHT SOURCE	1×2W OSRAM
LENS	B27
SELECTED DEGREE(°)Ø1/2	25°
INPUT VOLTAGE(V)	DC24V
OPERATING CURRENT(MA)	110
CONSUMPTION(W)	2.5
LUMINANCE(LM)	23

OUTER DIMENSIONS (Unit: mm)



ITEM	D2YCR0134F
LIGHT SOURCE	1×0.5W OSRAM
SELECTED DEGREE(°)Ø1/2	60°
INPUT VOLTAGE(V)	DC24V
OPERATING CURRENT(MA)	26
CONSUMPTION(W)	0.6
LUMINANCE(LM)	147

OUTER DIMENSIONS (Unit: mm)



DATASHEET

FRONT COVER	Hard chromeplated Stainless steel SUS 316L#
HOUSING	12# Die-casting grey powder coated aluminum T=60-80µm Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	Tempered step glass.T=4mm
GASKET	Silicon rubber molding shaped seal
POWER CABLE	H05RN-F 2×1.0mm ² L=0.5m(low voltage)
CABLE GLAND	IP67 Nickel coated copper
LED TYPE	Osram or Nichia
LED DRIVER	Constant Current Input
LENS	PMMA
RECESSED SLEEVE MATERIAL	PC/ABS ALLOYS
GLASS PRESSURE CAPACITY	Full area=254kgs
DIMMABLE SUPPORT	
IP	IP67
IK	03
OPERATING TEMPERATURE	-20°C~40°C

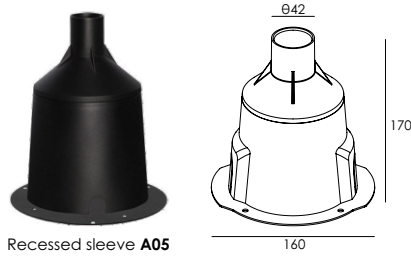
LENS

	B27	13°	25°	30°
	B26	8°	13°	

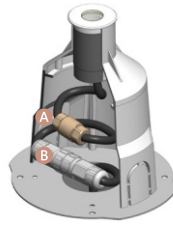
LED COLOUR TEMPERATURE

2,000K · 3,000K · 6,000K

SLEEVE (Included)



Recessed sleeve A05



Water proof solution



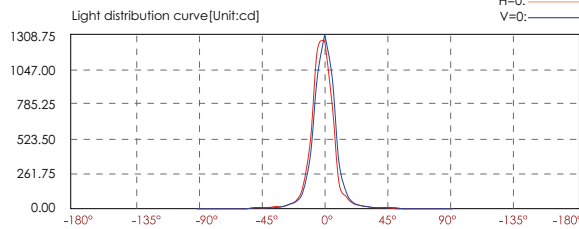
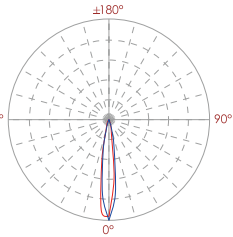
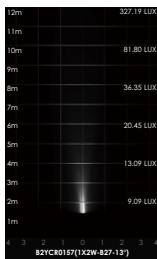
A Water-Stopper(Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is required to block the entry of water vapor.

B IP67 Jiffy quick plug/socket connector(Optional)

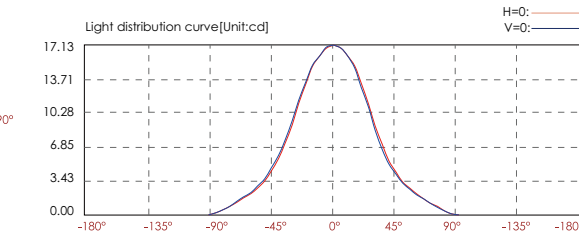
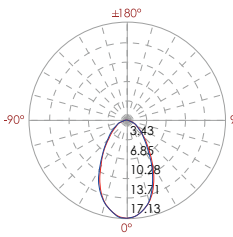
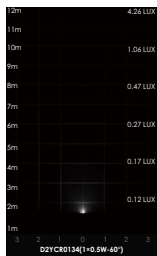
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PHOTOMETRIC



Lux distance cure

Illuminance at a distance			
Center beam LUX	Beam width V	Beam width H	
2m	327.19 LUX	0.5m	0.6m
4m	81.80 LUX	1.1m	1.1m
6m	36.35 LUX	1.6m	1.7m
8m	20.45 LUX	2.2m	2.2m
10m	13.09 LUX	2.7m	2.8m
12m	9.09 LUX	3.3m	3.4m
Ver.Spread:15.5		Horiz.Spread:15.9	



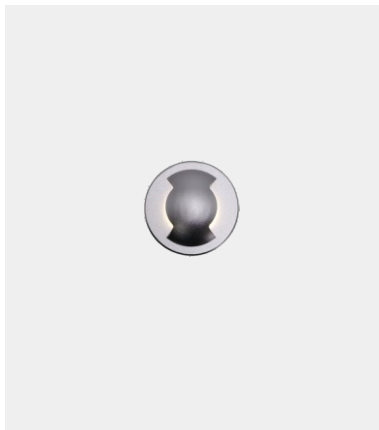
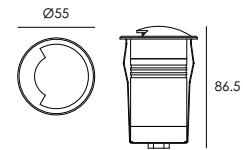
Lux distance cure

Illuminance at a distance			
Center beam LUX	Beam width V	Beam width H	
2m	4.26 LUX	2.4m	2.4m
4m	1.06 LUX	4.9m	4.8m
6m	0.47 LUX	7.3m	7.3m
8m	0.27 LUX	9.7m	9.7m
10m	0.17 LUX	12.1m	12.1m
12m	0.12 LUX	14.6m	14.5m
Ver.Spread:62.5		Horiz.Spread:62.4	



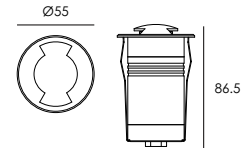
ITEM	1E2WC0157AF
LIGHT SOURCE	1×2W
LENS	
SELECTED DEGREE(°)	Ø1/2
INPUT VOLTAGE(V)	DC24V
OPERATING CURRENT(MA)	24V=110 120V=48 240V=28
CONSUMPTION(W)	24V=2.6 120V=3.1 240V=3
LUMINANCE(LM)	CW=15 WW=13
IK	10

OUTER DIMENSIONS (Unit: mm)



ITEM	2E2WC0157AF
LIGHT SOURCE	1×2W
LENS	
SELECTED DEGREE(°)	Ø1/2
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=110 120V=48 240V=28
CONSUMPTION(W)	24V=2.6 120V=3.1 240V=3
LUMINANCE(LM)	CW=14 WW=10
IK	10

OUTER DIMENSIONS (Unit: mm)



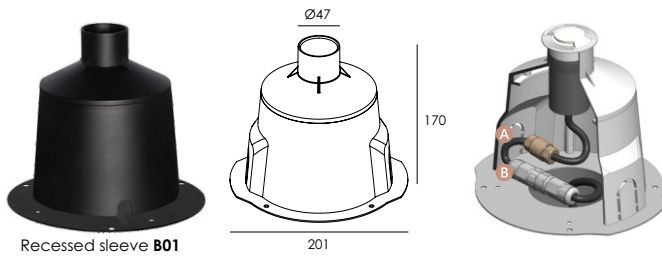
DATASHEET

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	PC
GASKET	Silicon rubber molding shaped 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)
LED TYPE	OSRAM SMD3030
RECESSED SLEEVE MATERIAL	PC/ABS ALLOYS
GLASS PRESSURE CAPACITY	>2,000kgs
DIMMABLE SUPPORT	
IP	IP67
IK	10
OPERATING TEMPERATURE	-20°C~40°C

LED COLOUR TEMPERATURE

2,000K · 3,000K · 6,000K

SLEEVE (Included)



Recessed sleeve B01

Water proof solution



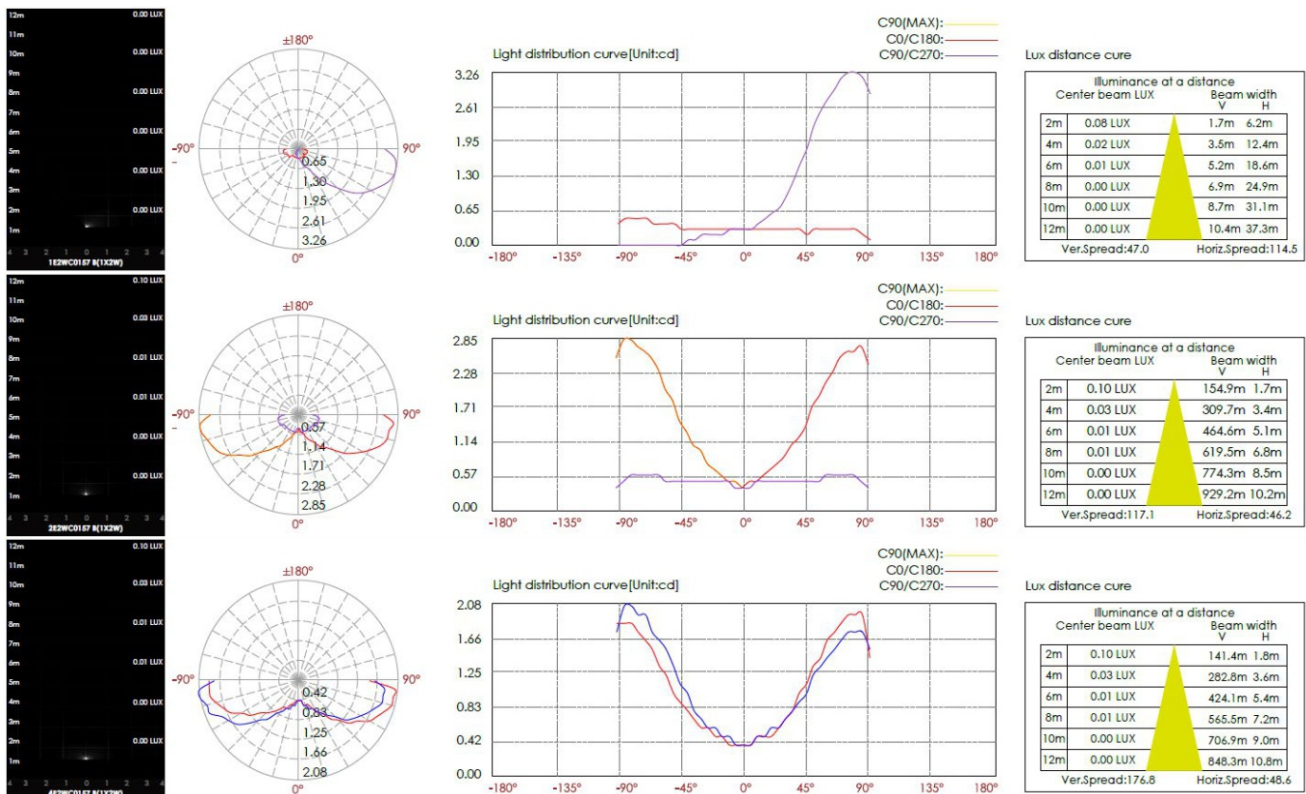
A Water-Stopper(Included)

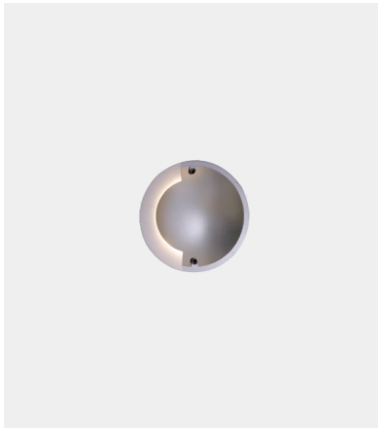
The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is required to block the entry of water vapor.

B IP67 Jiffy quick plug/socket connector(Optional)

To prevent water vapor into luminaire via wire which has been cut, the air contains lots of steam when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

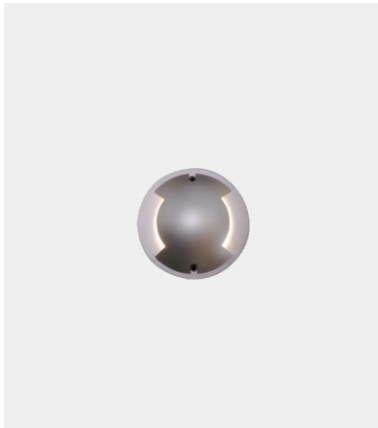
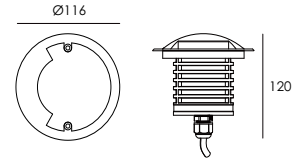
PHOTOMETRIC





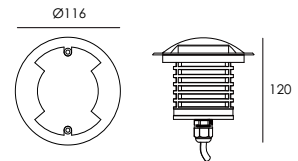
ITEM
1E2CD0157F
LIGHT SOURCE
1×2.1W
LENS
B80
SELECTED DEGREE(°)Ø1/2
190°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=124 120V=45 240V=25
CONSUMPTION(W)
24V=3 120V=3.1 240V=3.1
LUMINANCE(LM)
23
IK
10

OUTER DIMENSIONS (Unit: mm)



ITEM
2E2CD0157F
LIGHT SOURCE
1×2.1W
LENS
B80
SELECTED DEGREE(°)Ø1/2
190°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=124 120V=45 240V=25
CONSUMPTION(W)
24V=3 120V=3.1 240V=3.1
LUMINANCE(LM)
42
IK
10

OUTER DIMENSIONS (Unit: mm)



LIGHTING DEMO



LENS



B80

190°

LED COLOUR TEMPERATURE

2,000K · 3,000K · 6,000K

LENS VIEW



1E2CD0157



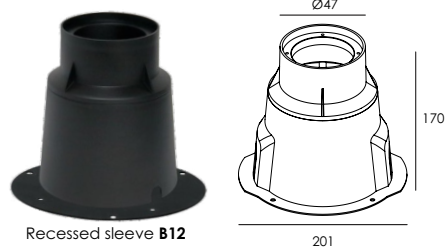
2E2CD0157

DATASHEET

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	PC
CABLE GLAND	IP68 PG-9 PA66
GASKET	Silicon rubber molding shaped seal
LED DRIVER	Constant Voltage Input,Constant Current Output
POWER CABLE	H05RN-F 2X1.0mm ² L=0.5m(low voltage) H05RN-F 3X1.0mm ² L=0.5m(high voltage)
LED TYPE	OSRAM SMD3030
RECESSED SLEEVE MATERIAL	PC/ABS ALLOYS
GLASS PRESSURE CAPACITY	>2.000kgs
IP	IP67
IK	10
OPERATING TEMPERATURE	-20°C~40°C



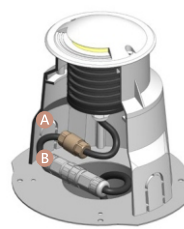
SLEEVE (Included)



Recessed sleeve B12

A Water-Stopper(Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is required to block the entry of water vapor.



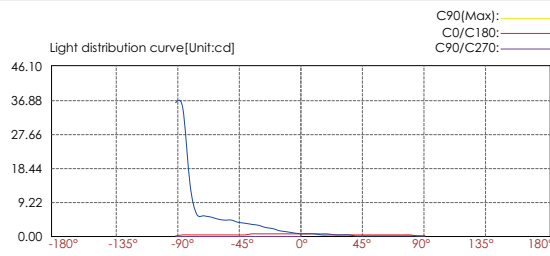
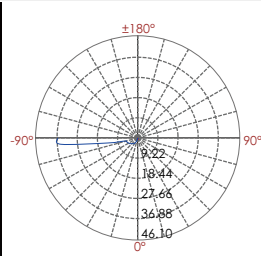
Water proof solution



B IP67 Jiffy quick plug/socket connector(Optional)

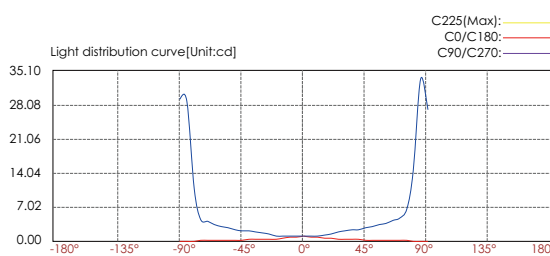
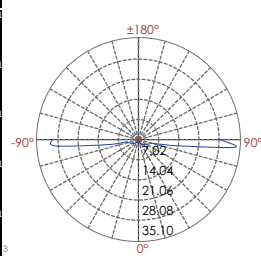
To prevent water vapor into luminaire via wire which has been cut, the air contains lots of steam when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

PHOTOMETRIC



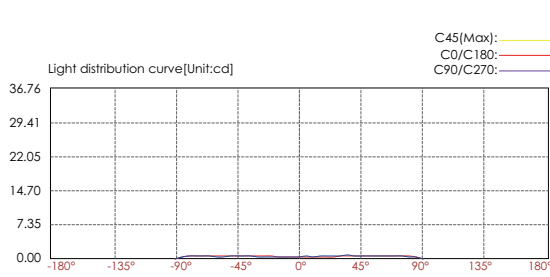
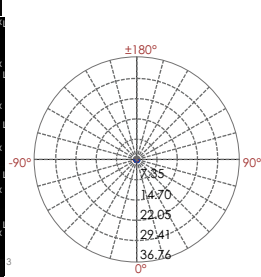
Lux distance curve

Illuminance at a Distance			
Center Beam LUX	Beam Width V	Beam Width H	
2m	0.16 LUX	8.1m	0.3m
4m	0.04 LUX	16.3m	0.7m
6m	0.02 LUX	24.4m	1.0m
8m	0.01 LUX	32.5m	1.3m
10m	0.01 LUX	40.6m	1.6m
12m	0.00 LUX	48.8m	2.0m



Lux distance curve

Illuminance at a Distance			
Center Beam LUX	Beam Width V	Beam Width H	
2m	0.26 LUX	8.5m	0.4m
4m	0.06 LUX	17.0m	0.7m
6m	0.03 LUX	25.4m	1.1m
8m	0.02 LUX	33.9m	1.5m
10m	0.01 LUX	42.4m	1.9m
12m	0.01 LUX	50.9m	2.2m



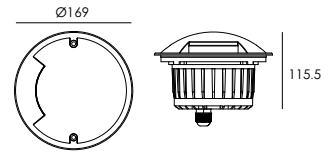
Lux distance curve

Illuminance at a Distance			
Center Beam LUX	Beam Width V	Beam Width H	
2m	0.23 LUX	1.5m	0.4m
4m	0.06 LUX	2.9m	0.8m
6m	0.03 LUX	4.4m	1.3m
8m	0.01 LUX	5.9m	1.7m
10m	0.01 LUX	7.3m	2.1m
12m	0.01 LUX	8.8m	2.5m



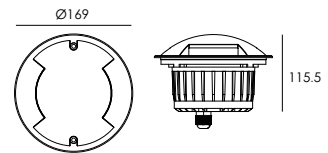
ITEM
1E2BFS0257F
LIGHT SOURCE
2×1.5W
LENS
B80
SELECTED DEGREE(°)Ø1/2
190°
INPUT VOLTAGE(V)
120/240V
OPERATING CURRENT(MA)
120V=76 240V=41
CONSUMPTION(W)
120V=5.5 240V=5.5
LUMINANCE(LM)
71
IK
10

OUTER DIMENSIONS (Unit: mm)



ITEM
2E2BFS0457F
LIGHT SOURCE
4×1.5W
LENS
B80
SELECTED DEGREE(°)Ø1/2
190°
INPUT VOLTAGE(V)
120/240V
OPERATING CURRENT(MA)
120V=35 240V=60
CONSUMPTION(W)
120V=7.1 240V=7
LUMINANCE(LM)
139
IK
10

OUTER DIMENSIONS (Unit: mm)



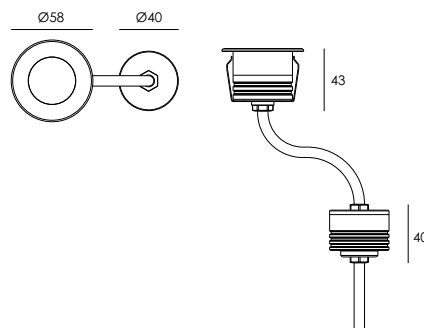
LIGHTING DEMO





ITEM	B2XAR0157
LIGHT SOURCE	1x2W SINGLE COLOR
LENS	B33D
SELECTED DEGREE(°)	Ø1/2
20°	
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=100 120V=46 240V=29
CONSUMPTION(W)	24V=2.4 120V=3.2 240V=3.1
LUMINANCE(LM)	CW=155 WW=140
IK	08

OUTER DIMENSIONS (Unit: mm)



DATASHEET

FRONT COVER	Hard chromeplated stainless steel SUS 316#
HOUSING	12# Die-casting dark grey powder coated aluminum T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	Tempered frosted step glass. T=7mm
GASKET	
POWER CABLE	H05RN-F 2x1.0mm² L=0.5m
CABLE GLAND	IP68 PG-9 PA66
LED TYPE	OSRAM
LED DRIVER	
LENS	
PCB	
GLASS PRESSURE CAPACITY	Full area=1,106kgs
DIMMABLE SUPPORT	
IP	IP67
OPERATING TEMPERATURE	-20°C~40°C

HONEYCOMB LOUVER (Option)

B2XAR154/B2XAR157



Louver Mh021

- Optional Accessory Honeycomb Louver
- The measured luminous flux data does not contain the honeycomb, and the data containing is reduced 20 to 30%.

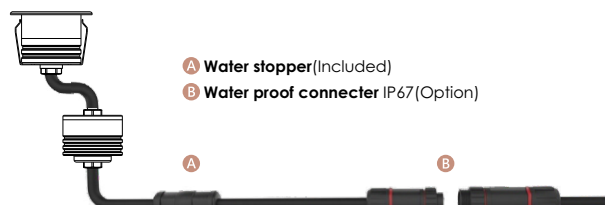
LED COLOUR TEMPERATURE

3,000K · 6,000K

LENS

	9°(B33F)	15°	20°
B33 (B33D/B33F)	30°	45°	60°
B34D	30°		

WATER PROOF SOLUTION



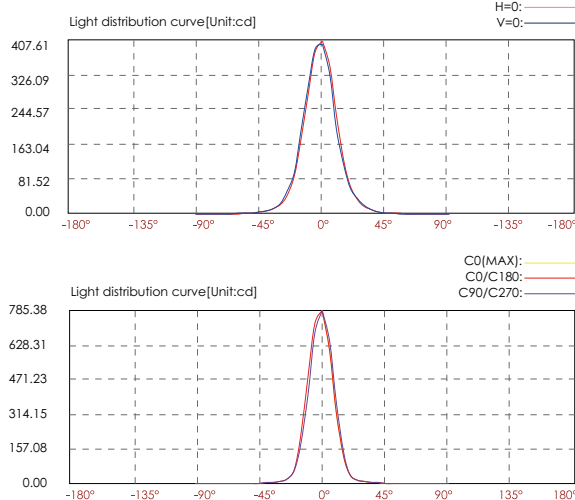
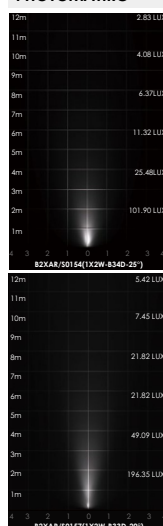
- A** Water stopper(Included)
- B** Water proof connector IP67(Option)

INSTALLATION DIAGRAM



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

PHOTOMETRIC



Lux distance curve			
Illuminance at a distance			
Center beam LUX	Beam width V	Beam width H	
2m	101.90 LUX	0.9m	0.9m
4m	25.48 LUX	1.8m	1.8m
6m	11.32 LUX	2.7m	2.6m
8m	6.37 LUX	3.6m	3.5m
10m	4.08 LUX	4.5m	4.4m
12m	2.83 LUX	5.4m	5.3m
Ver.Spread:25.3 Horiz.Spread:24.7			

DATASHEET

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#
LIGHT WINDOW	PC
CABLE GLAND	IP68 PG-9 PA66
GASKET	Silicon rubber molding shaped seal
LED DRIVER	Constant Voltage Input, Constant Current Output
POWER CABLE	H05RN-F 2X1.0mm2 L=0.5m(low voltage) H05RN-F 3X1.0mm2 L=0.5m(high voltage)
LED TYPE	OSRAM SMD3030
RECESSED SLEEVE MATERIAL	PC/ABS ALLOYS
GLASS PRESSURE CAPACITY	>2.000kgs
IP	IP67
IK	10
OPERATING TEMPERATURE	-20°C~40°C

LENS



B80

190°

LED COLOUR TEMPERATURE

2,000K · 3,000K · 6,000K

LENS VIEW



1E2BFS0257



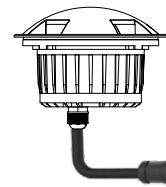
2E2BFS0457

SLEEVE (Included)



Recessed sleeve 016#

Water proof solution



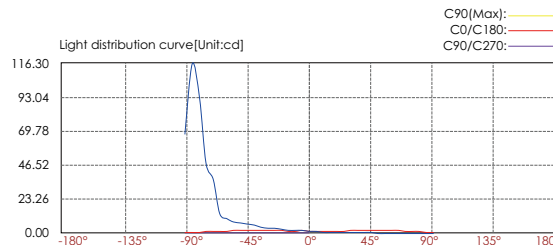
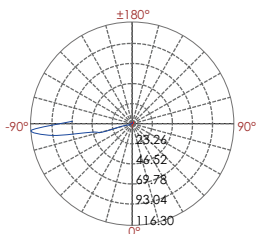
A Water-Stopper(Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is required to block the entry of water vapor.

B IP67 Jiffy quick plug/socket connector(Optional)

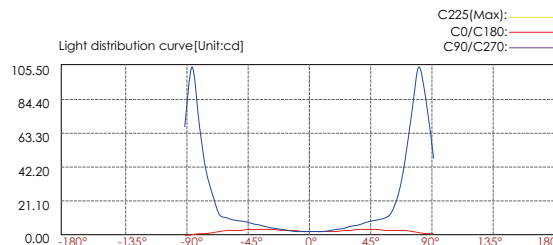
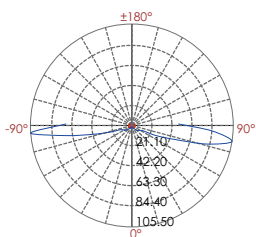
To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

PHOTOMATIRC



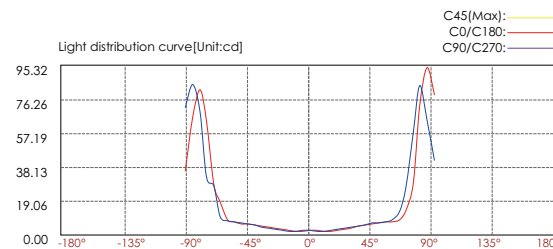
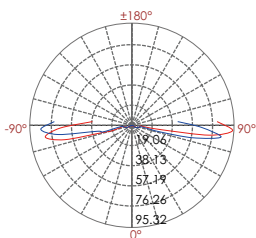
Lux distance cure

Illuminance at a Distance		
Center Beam LUX	Beam Width	
V	H	
2m	0.44 LUX	6.4m 0.4m
4m	0.11 LUX	12.8m 0.9m
6m	0.05 LUX	19.2m 1.3m
8m	0.03 LUX	25.6m 1.7m
10m	0.02 LUX	31.9m 2.2m
12m	0.01 LUX	38.3m 2.6m
Vert.Spread:116.0 Horiz.Spread:12.3		



Lux distance cure

Illuminance at a Distance		
Center Beam LUX	Beam Width	
V	H	
2m	0.86 LUX	7.1m 0.4m
4m	0.21 LUX	14.1m 0.8m
6m	0.10 LUX	21.2m 1.2m
8m	0.05 LUX	28.3m 1.6m
10m	0.03 LUX	35.4m 2.0m
12m	0.02 LUX	42.4m 2.4m
Vert.Spread:121.1 Horiz.Spread:11.5		



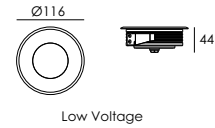
Lux distance cure

Illuminance at a Distance		
Center Beam LUX	Beam Width	
V	H	
2m	1.01 LUX	0.4m 145.4m
4m	0.25 LUX	0.8m 290.8m
6m	0.11 LUX	1.2m 436.2m
8m	0.06 LUX	1.6m 581.6m
10m	0.04 LUX	2.0m 727.0m
12m	0.03 LUX	2.5m 872.4m
Vert.Spread:11.7 Horiz.Spread:176.9		

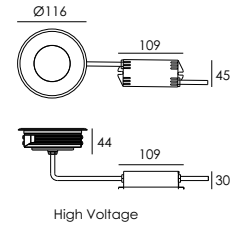


ITEM	FB2XBR0357
LIGHT SOURCE	3×2W SINGLE COLOR
LENS	FB03
SELECTED DEGREE(°)Ø1/2	20°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=220 120V=47 240V=25
CONSUMPTION(W)	24V=5.3 120V=5.6 240V=5.7
LUMINANCE(LM)	CW=452 WW=388
IK	08

OUTER DIMENSIONS (Unit: mm)



Low Voltage

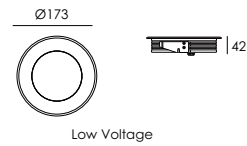


High Voltage

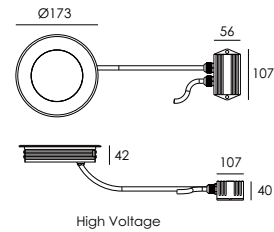


ITEM	FB2XCR0657
LIGHT SOURCE	3×2W SINGLE COLOR
LENS	FB06
SELECTED DEGREE(°)Ø1/2	20°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=541 120V=102 240V=55
CONSUMPTION(W)	24V=13 120V=12.5 240V=12.1
LUMINANCE(LM)	CW=1100 WW=977
IK	08

OUTER DIMENSIONS (Unit: mm)



Low Voltage



High Voltage

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	

LED COLOUR TEMPERATURE

2,000K · 3,000K · 6,000K

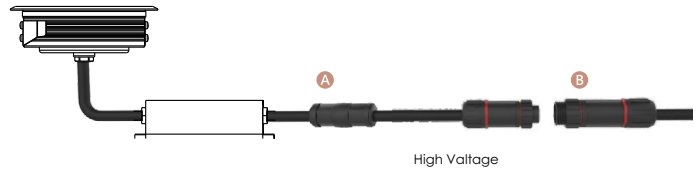
LENS

	FB33	9°	15°	20°
		30°	45°	
	FB06	9°	15°	20°
		30°	45°	60°

WATER PROOF SOLUTION

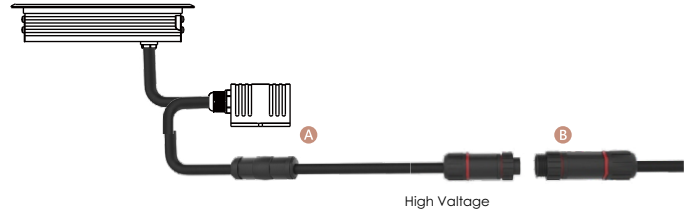
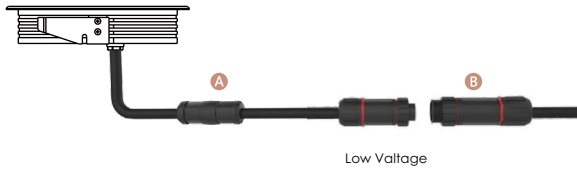
FB2XBR0357

- A Water stopper(Included)
- B Water proof connector IP67(Optional)



FB2XCR0657

- A Water stopper(Included)
- B Water proof connector IP67(Optional)



INSTALLATION DIAGRAM

FB2XBR0357

Low Voltage



Minimum space for external driver is 20mm

High Voltage



Minimum space for external driver is 48mm

B: External IP67 water-proof box for driver of high voltage · RGB · RGBW type

FB2XCR0657

Low Voltage



A: Minimum space for external driver is 20mm

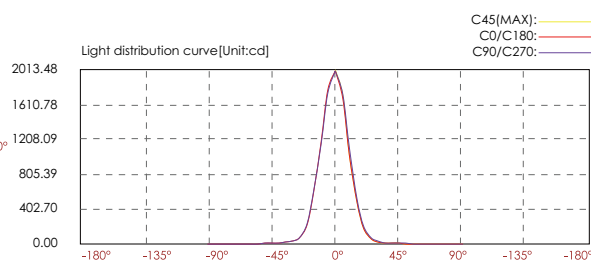
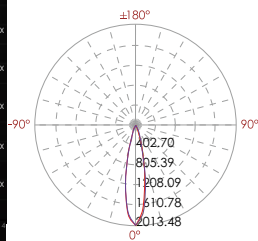
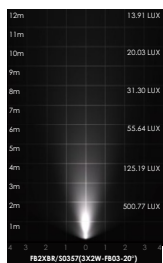
High Voltage



A: Minimum space for external driver is 48mm

B: External IP67 water-proof box for driver of high voltage · RGB · RGBW type

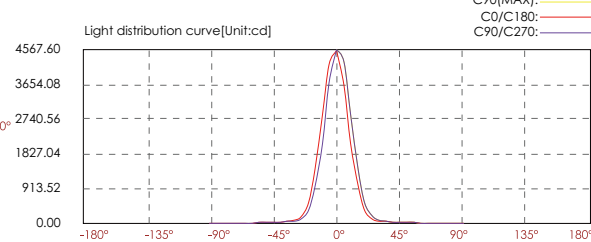
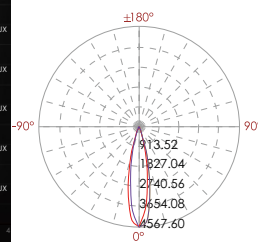
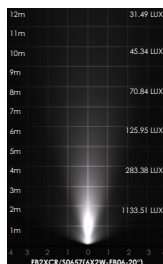
PHOTOMATIRC



Lux distance cure

	Center beam LUX	Beam width V	Beam width H
2m	500.77 LUX	0.8m	0.8m
4m	125.19 LUX	1.6m	1.5m
6m	55.64 LUX	2.4m	2.3m
8m	31.30 LUX	3.2m	3.1m
10m	20.03 LUX	4.0m	3.8m
12m	13.91 LUX	4.7m	4.6m

Ver.Spread:22.4 Horiz.Spread:21.8



Lux distance cure

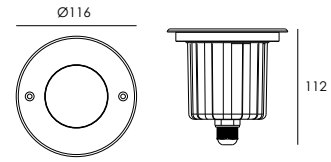
	Center beam LUX	Beam width V	Beam width H
2m	1133.51 LUX	0.8m	0.8m
4m	283.38 LUX	1.5m	1.5m
6m	125.95 LUX	2.3m	2.3m
8m	70.84 LUX	3.0m	3.0m
10m	45.34 LUX	3.8m	3.8m
12m	31.49 LUX	4.5m	4.5m

Ver.Spread:21.4 Horiz.Spread:21.3



ITEM	D2FU0110F
LAMP SOCKET	GU-10 / G-5.3
INPUT VOLTAGE(B)	FC02
OPERATING CURRENT(MA)	
INPUT VOLTAGE(V)	
OPERATING CURRENT(MA)	
IK	

OUTER DIMENSIONS (Unit: mm)



MATERIAL SPECIFICATIONS

FRONT COVER	Hard chromeplated Stainless steel SUS 316L#
HOUSING	12# Die-casting grey powder coated aluminum T=60-80µm Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	Tempered step glass.T=6mm
GASKET	Molding shaped silicone seal
POWER CABLE	H05RN-F 2×1.0mm2 L=0.5m(low voltage)
CABLE GLAND	IP67 Nickel coated copper
MOUNTING SLEEVE	ABS 011#
LED TYPE	Osram or Nichia
LED DRIVER	Constant Voltage Input,Constant Current Output
LENS	Optical lens.efficiency≥85%
RECESSED SLEEVE MATERIAL	PC/ABS ALLOYS
GLASS PRESSURE CAPACITY	Full area=1,920kgs
DIMMABLE SUPPORT	
IP	IP67
OPERATING TEMPERATURE	-20°C~40°C

LED COLOUR TEMPERATURE

2,000K · 3,000K · 6,000K

LENS

	B77	15° 60°	24°	36°
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LIGHTING SOURCES OPTION

GU-10 Pin Halogen Lamp



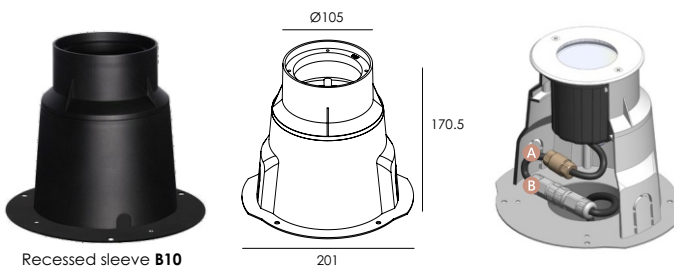
- 50W maximum power limit.
- Input voltage is according to halogen lamp spec.

GU-10 pin LED Lamp



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

SLEEVE (Included)



Recessed sleeve B10

Water proof solution



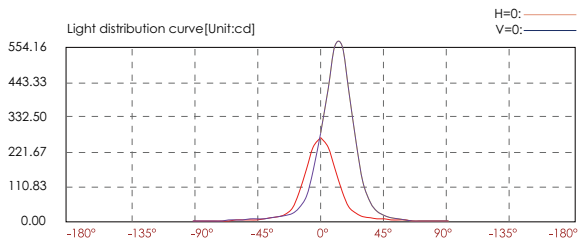
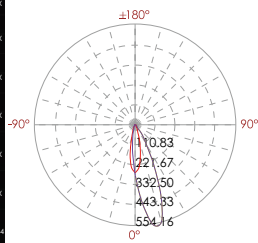
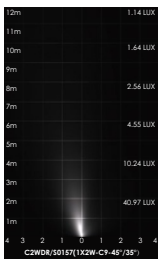
A Water-Stopper(Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is required to block the entry of water vapor.

B IP67 Jiffy quick plug/socket connector(Optional)

To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

PHOTOMATIRC



Lux distance curve

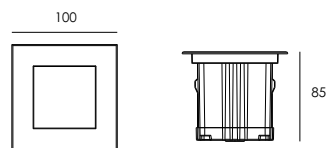
Illuminance at a distance			
Center beam LUX	Beam width		
	V	H	
2m	40.97 LUX	0.6m	0.7m
4m	10.25 LUX	1.2m	1.4m
6m	4.55 LUX	1.7m	2.1m
8m	2.56 LUX	2.3m	2.8m
10m	1.64 LUX	2.9m	3.5m
12m	1.14 LUX	3.5m	4.2m
Ver.Spread:16.4		Horiz.Spread:20.0	





ITEM	R2HD0126
LIGHT SOURCE	1×6W
LENS	B52
SELECTED DEGREE(°)Ø1/2	25°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=365 120V=75 240V=42
CONSUMPTION(W)	24V=5.6 120V=5.8 240V=6.4
LUMINANCE(LM)	910
IK	07

OUTER DIMENSIONS (Unit: mm)



MATERIAL SPECIFICATIONS

FRONT COVER	Hard chromeplated Stainless steel SUS 316L#
HOUSING	12# Die-casting grey powder coated aluminum
LIGHT WINDOW	T=60-80µm Adhesion of ISO class 1/ASTM class 4B Tempered step glass,T=8mm
GASKET	Silicon rubber molding shaped seal
POWER CABLE	H05RN-F 2×1.0mm ² L=0.5m (low voltage) H05RN-F 3×1.0mm ² L=0.5m (high voltage)
CABLE GLAND	IP67 copper and nicked coated
MOUNTING SLEEVE	ABS 092#
LED TYPE	NICHIA COB LED
LED DRIVER	Constant Voltage Input,Constant Current Output
LENS	
RECESSED SLEEVE MATERIAL	PC/ABS ALLOYS
GLASS PRESSURE CAPACITY	
DIMMABLE SUPPORT	
IP	IP67
OPERATING TEMPERATURE	-20°C~40°C

HONEYCOMB LOUVER (Option)

R2HD0126



Louver **Mh010**

- Optional Accessory Honeycomb Louver
- The measured luminous flux data does not contain the honeycomb, and the data containing is reduced 20 to 30%.

LENS



R5

18° 25° 40°

LED COLOUR TEMPERATURE

2,000K · 3,000K · 6,000K

METAL PLATE

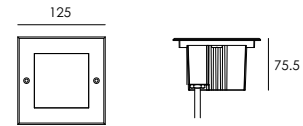


- There are two metals support plate on the bottom of the sleeve. It is used for fixing and preventing the mounting sleeve shifting while filling the concrete.
- These will simply installer and electrician while they are recessing the sleeves.



ITEM	C2H0457
LIGHT SOURCE	4x1.5W
REFLECTOR	C18
SELECTED DEGREE(°)θ1/2	80°×60°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=320 120V=59 240V=33
CONSUMPTION(W)	24V=7.6 120V=7 240V=7
LUMINANCE(LM)	24V=491
IK	09

OUTER DIMENSIONS (Unit: mm)



MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting dark grey powder coated aluminum T=60-80μm.
FRONT RING	Hard chrome plated Stainless steel SUS 316L#
LIGHT WINDOW	Tempered frosted step glass.T=8mm
CABLE GLAND	IP67 copper an d nicked coated
GLASS PRESSURE CAPACITY	Full area=2,578kgs
LED	NICHIA SMD3535
PCB	Excellent heat conductivity aluminum
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)
RECESSED SLEEVE MATERIAL	PC/ABS ALLOYS
DIMMABLE SUPPORT	Triac · PWM · 1-10V · Dali
IP	IP67
OPERATING TEMPERATURE	-20°C~40°C

LENS

	C8	80°×60°
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LED COLOUR TEMPERATURE

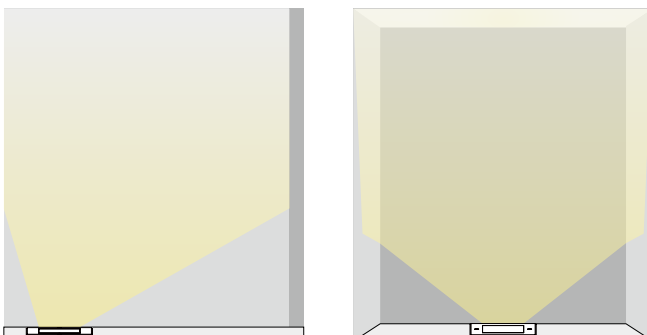
3,000K · 6,000K

METAL PLATE



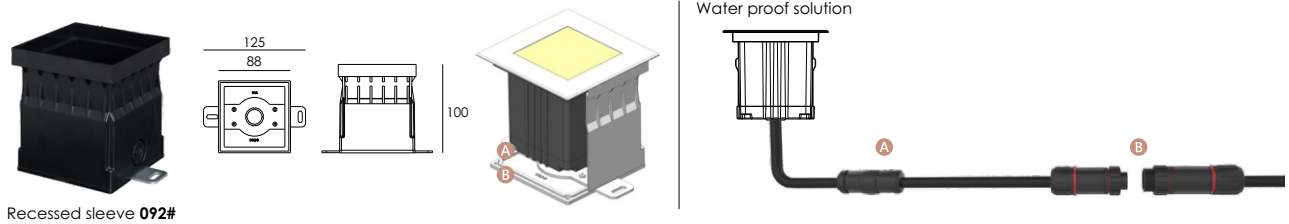
- There are two metals support plate on the bottom of the sleeve. It is used for fixing and preventing the mounting sleeve shifting while filling the concrete.
- These will simply installer and electrician while they are recessing the sleeves.

LIGHT APPLICATION





SLEEVE (Included)



Recessed sleeve 092#

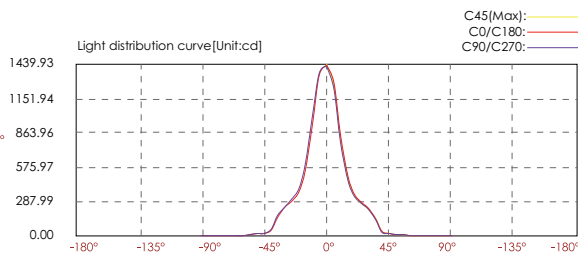
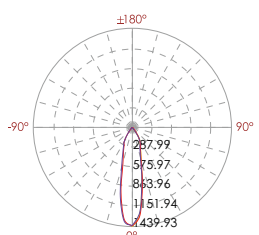
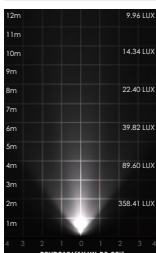
A Water-Stopper(Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is required to block the entry of water vapor.

B IP67 Jiffy quick plug/socket connector(Optional)

To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

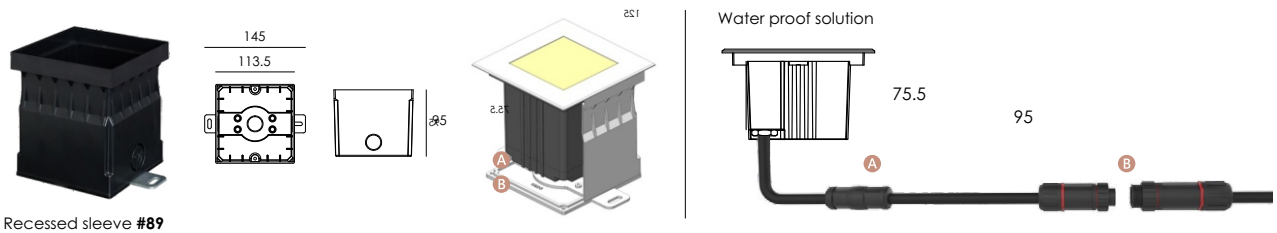
PHOTOMETRIC



Lux distance cure

Illuminance at a distance		Beam width	
Center beam LUX		V	H
2m	358.41 LUX	0.9m	0.9m
4m	89.60 LUX	1.8m	1.8m
6m	39.82 LUX	2.7m	2.6m
8m	22.40 LUX	3.6m	3.5m
10m	14.34 LUX	4.5m	4.4m
12m	9.96 LUX	5.4m	5.3m
Ver.Spread:25.3		Horiz.Spread:24.8	

SLEEVE (Included)



Recessed sleeve #89

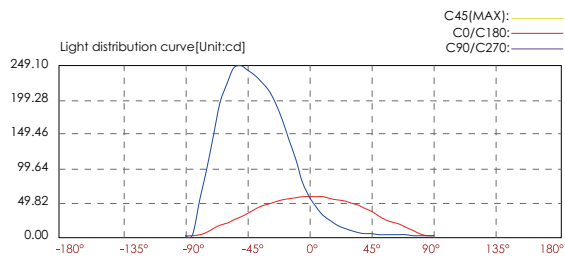
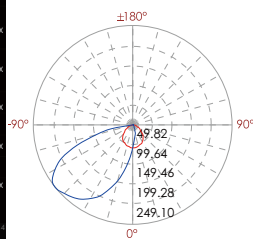
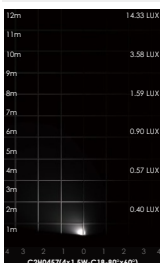
A Water-Stopper(Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is required to block the entry of water vapor.

B IP67 Jiffy quick plug/socket connector(Optional)

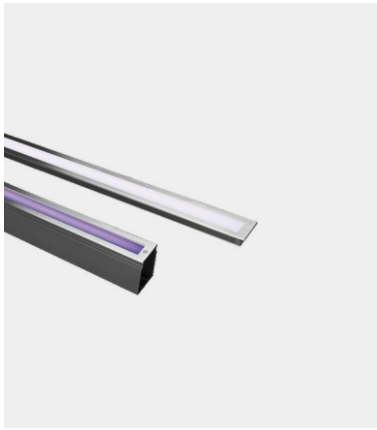
To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

PHOTOMATIRC



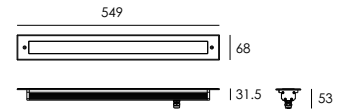
Lux distance cure

Illuminance at a distance			
Center beam LUX		Beam width	
		V	H
2m	14.33 LUX	3.4m	2.3m
4m	3.58 LUX	6.9m	4.6m
6m	1.59 LUX	10.3m	6.9m
8m	0.90 LUX	13.7m	9.2m
10m	0.57 LUX	17.1m	11.6m
12m	0.40 LUX	20.6m	13.9m
Ver.Spread:81.3		Horiz.Spread:60.1	



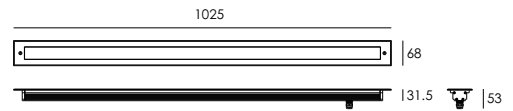
ITEM
D2RLB4834
LIGHT SOURCE
48×0.3W NICHIA
LENTH(MM)
549
SELECTED DEGREE(°)Ø1/2
120°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=555 120V=106 240V=60
CONSUMPTION(W)
24V=13.2 120V=12.5 240V=13
LUMINANCE(LM)
CW=300 WW=274
IK
07

OUTER DIMENSIONS (Unit: mm)



ITEM
D2RLB9634
LIGHT SOURCE
96×0.3W NICHIA
LENTH(MM)
1025
SELECTED DEGREE(°)Ø1/2
120°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=1108 120V=212 240V=107
CONSUMPTION(W)
24V=26.5 120V=24 240V=24.5
LUMINANCE(LM)
CW=602 WW=545
IK
07

OUTER DIMENSIONS (Unit: mm)

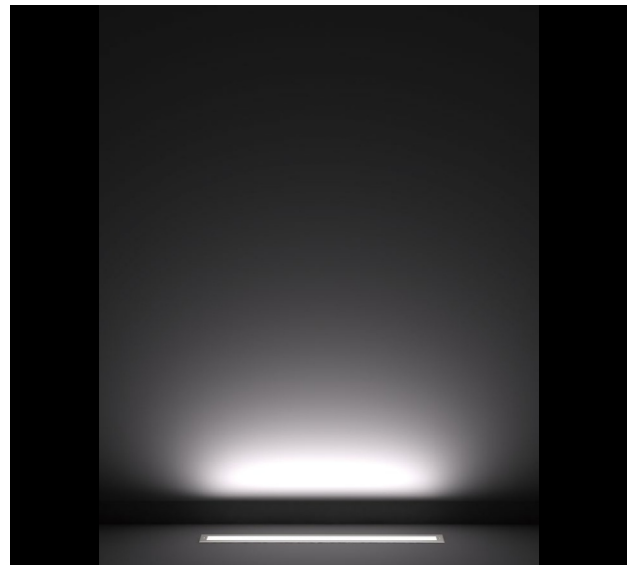


MATERIAL SPECIFICATIONS

HOUSING	Extruded aluminum, powder coated
FRONT COVER	Hard chrome-plated stainless steel SUS 316L
LIGHT WINDOW	Tempered step glass..T=6mm
LED Type	NICHIA LED 3030@0.5W
CABLE GLAND	IP68 PG-9 PA66
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	Powder Coated Aluminum 137# 138#
DIMMABLE SUPPORT	
RECESSED SLEEVE MATERIAL	PC/ABS ALLOYS

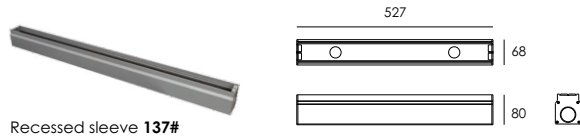
LED COLOUR TEMPERATURE

2,000K · 3,000K · 6,000K

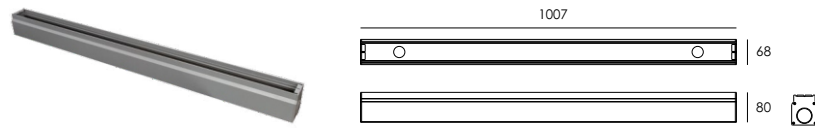


LIGHTING EFFECT DEMO

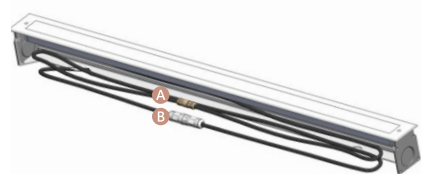
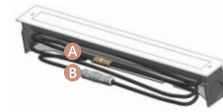
SLEEVE (Included)



Recessed sleeve 137#



Recessed sleeve 138#



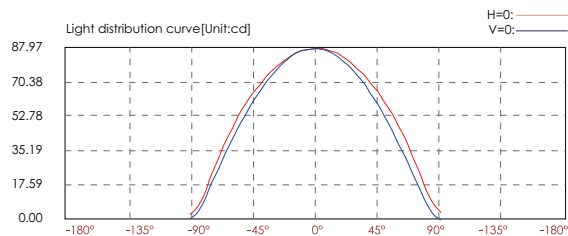
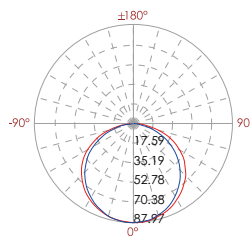
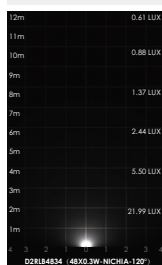
A Water-Stopper(Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is required to block the entry of water vapor.

B IP67 Jiffy quick plug/socket connector(Optional)

To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

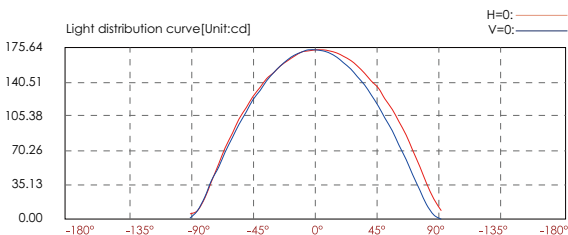
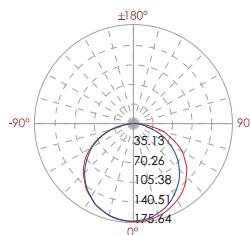
PHOTOMETRIC



Lux distance cure

	Center beam LUX	Beam width V	H
2m	21.99 LUX	7.70m	6.20m
4m	5.50 LUX	15.3m	12.5m
6m	2.44 LUX	23.0m	18.7m
8m	1.37 LUX	30.6m	25.0m
10m	0.88 LUX	38.3m	31.2m
12m	0.61 LUX	46.0m	37.4m

Ver.Spread:124.9 Horiz.Spread:114.9



Lux distance cure

	Center beam LUX	Beam width V	H
2m	43.40 LUX	7.60m	6.20m
4m	10.85 LUX	15.2m	12.5m
6m	4.82 LUX	22.8m	18.7m
8m	2.71 LUX	30.4m	24.9m
10m	1.74 LUX	38.0m	31.1m
12m	1.21 LUX	45.6m	37.4m

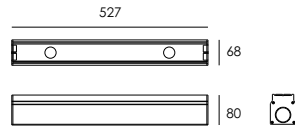
Ver.Spread:124.5 Horiz.Spread:114.6



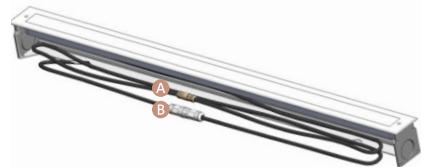
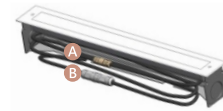
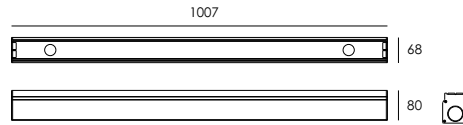
SLEEVE (Included)



Recessed sleeve 137#



Recessed sleeve 138#



A Water-Stopper(Included)

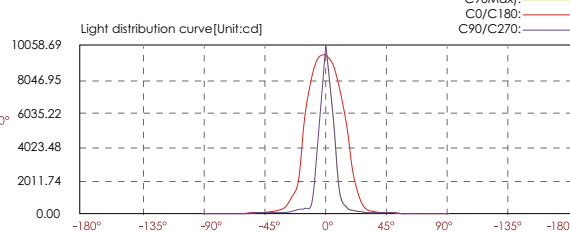
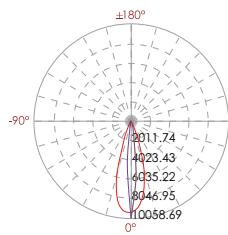
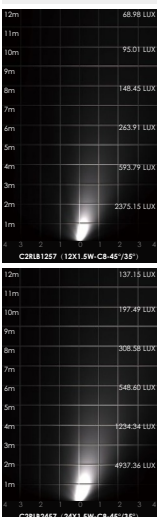
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B IP67 Jiffy quick plug/socket connector(Optional)

To prevent water vapor into luminaire via wire which has been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.



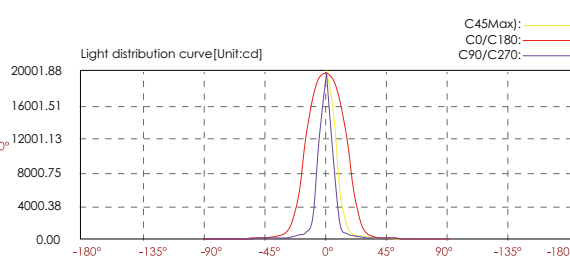
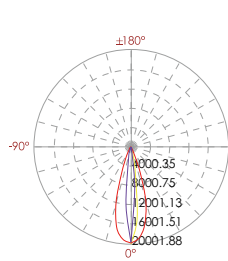
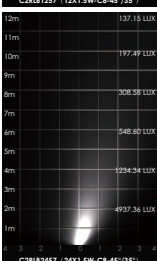
PHOTOMATRIC



Lux distance curve

Distance (m)	Center beam LUX	Beam width V (m)	Beam width H (m)
2m	2375.15	0.4m	1.1m
4m	593.79	0.7m	2.2m
6m	263.91	1.1m	3.4m
8m	148.45	1.5m	4.5m
10m	95.01	1.9m	5.6m
12m	65.98	2.2m	6.7m

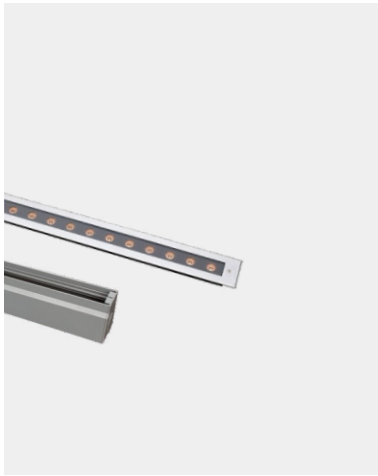
Ver.Spread:10.6 Horiz.Spread:31.4



Lux distance curve

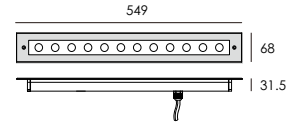
Distance (m)	Center beam LUX	Beam width V (m)	Beam width H (m)
2m	4937.36	0.4m	1.2m
4m	1234.34	0.7m	2.4m
6m	548.60	1.1m	3.6m
8m	308.58	1.5m	4.7m
10m	197.49	1.9m	5.9m
12m	137.15	2.2m	7.1m

Ver.Spread:10.7 Horiz.Spread:33.1



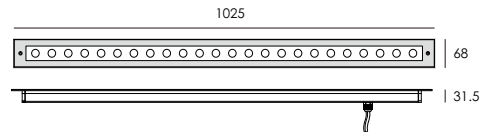
ITEM	C2RLB1257
LIGHT SOURCE	12×1.5W SINGLE COLOR
LENS	C8
LENTH(MM)	549
SELECTED DEGREE(°)Ø1/2	45°/35°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=910 120V=143 240V=79
CONSUMPTION(W)	24V=22 120V=17 240V=17.5
LUMINANCE(LM)	CW=1108 WW=1020
IK	07

OUTER DIMENSIONS (Unit: mm)



ITEM	C2RLB2457
LIGHT SOURCE	24×1.5W SINGLE COLOR
LENS	C8
LENTH(MM)	1025
SELECTED DEGREE(°)Ø1/2	45°/35°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=1823 120V=312 240V=156
CONSUMPTION(W)	24V=44 120V=36 240V=36.4
LUMINANCE(LM)	CW=2472 WW=2114
IK	07

OUTER DIMENSIONS (Unit: mm)



MATERIAL SPECIFICATIONS

HOUSING	Extruded aluminum, powder coated
FRONT COVER	Hard chrome-plated stainless steel SUS 316L
LIGHT WINDOW	Tempered step glass.T=6mm
LENS	Optical lens.efficiency≥85%
CABLE GLAND	IP68 PG-9 PA66
GASKET	Glass and housing are silicone sealed
LED Type	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)
DIMMABLE SUPPORT	
RECESSED SLEEVE MATERIAL	PC/ABS ALLOYS

LED COLOUR TEMPERATURE

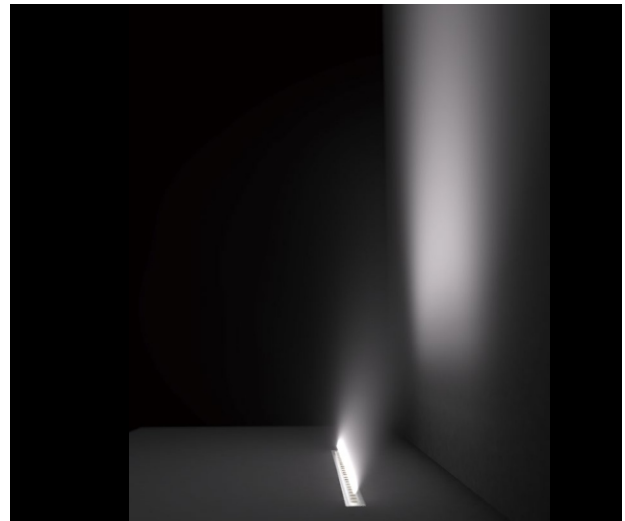
2,000K · 3,000K · 6,000K

LENS



C8

45°/35°

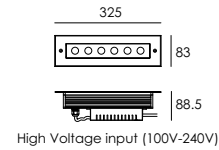


LIGHTING EFFECT DEMO



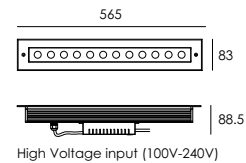
ITEM
B2RKB0657
LIGHT SOURCE
6×2W
REFLECTOR
B33D
SELECTED DEGREE(°)θ1/2
20°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=625 120V=100 240V=57
CONSUMPTION(W)
24V=15 120V=11.8 240V=12.1
LUMINANCE(LM)
819
IK
06

OUTER DIMENSIONS (Unit: mm)



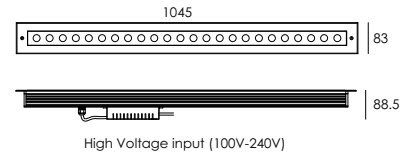
ITEM
B2RKB1257
LIGHT SOURCE
12×2W
REFLECTOR
B33D
SELECTED DEGREE(°)θ1/2
20°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=1250 120V=257 240V=148
CONSUMPTION(W)
24V=30 120V=30.4 240V=31.4
LUMINANCE(LM)
1815
IK
06

OUTER DIMENSIONS (Unit: mm)



ITEM
B2RKB2457
LIGHT SOURCE
24×2W
REFLECTOR
B33D
SELECTED DEGREE(°)θ1/2
20°
INPUT VOLTAGE(V)
DC24V 240V
OPERATING CURRENT(MA)
24V=2500 240V=224
CONSUMPTION(W)
24V=60 240V=51.1
LUMINANCE(LM)
3158
IK
06

OUTER DIMENSIONS (Unit: mm)



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
DIMMABLE SUPPORT	

LED COLOUR TEMPERATURE

2,000K · 3,000K · 6,000K

LENS

 B33 B33D/B33F	9°	15°	20°
	30°	45°	

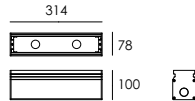
LIGHTING DEMO



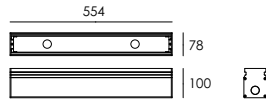
SLEEVE (Included)



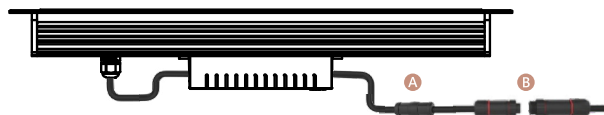
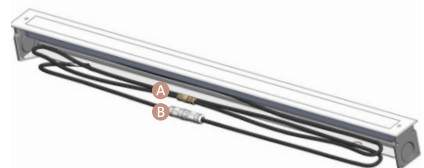
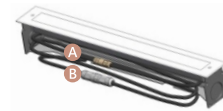
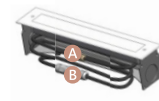
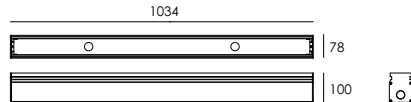
Recessed sleeve 142#



Recessed sleeve 143#



Recessed sleeve 144#



High Voltage input (100V-240V)

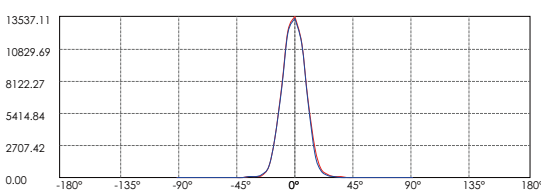
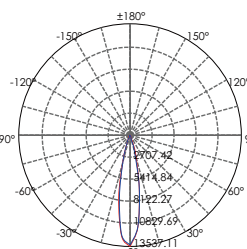
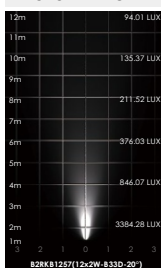
A Water-Stopper(Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is required to block the entry of water vapor.

B IP67 Jiffy quick plug/socket connector(Optional)

To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

PHOTOMATIRC



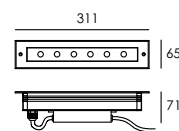
Lux distance Curve

Illuminance at a Distance		Beam Width	
Center Beam LUX		V	H
2m	3384.28 LUX	0.7m	0.7m
4m	846.07 LUX	1.5m	1.5m
6m	376.03 LUX	2.2m	2.2m
8m	211.52 LUX	3.0m	2.9m
10m	135.37 LUX	3.7m	3.7m
12m	94.01 LUX	4.5m	4.4m
Vert.Spread:21.1		Horiz.Spread:20.8	



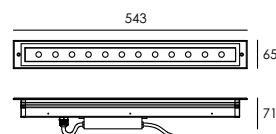
ITEM	B2RQB0656
LIGHT SOURCE	6×1.2W
REFLECTOR	B15
SELECTED DEGREE(°)θ1/2	20°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=400 120V= 240V=
CONSUMPTION(W)	24V=9.5 120V= 240V=
LUMINANCE(LM)	666

OUTER DIMENSIONS (Unit: mm)



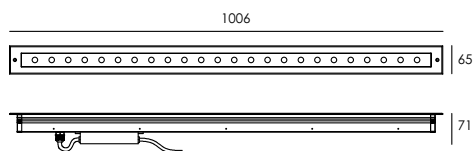
ITEM	B2RQB1256
LIGHT SOURCE	12×1.2W
REFLECTOR	B15
SELECTED DEGREE(°)θ1/2	20°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=800 120V= 240V=
CONSUMPTION(W)	24V=19.2 120V= 240V=
LUMINANCE(LM)	1333

OUTER DIMENSIONS (Unit: mm)



ITEM	B2RQB2456
LIGHT SOURCE	24×1.2W
REFLECTOR	B15
SELECTED DEGREE(°)θ1/2	20°
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=1600 120V= 240V=
CONSUMPTION(W)	24V=38.4 120V= 240V=
LUMINANCE(LM)	2666

OUTER DIMENSIONS (Unit: mm)



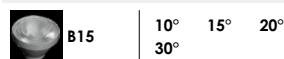
MATERIAL SPECIFICATIONS

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
DIMMABLE SUPPORT	

LED COLOUR TEMPERATURE

2,000K · 3,000K · 6,000K

LENS



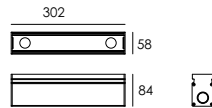
LIGHTING DEMO



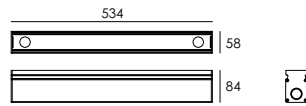
SLEEVE (Included)



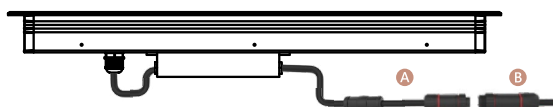
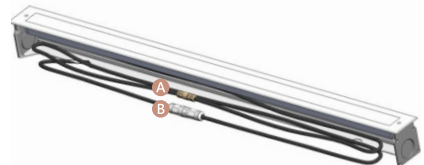
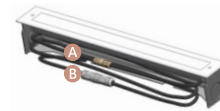
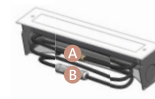
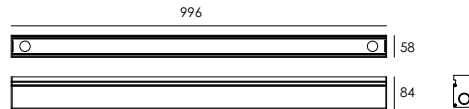
Recessed sleeve 145#



Recessed sleeve 146#



Recessed sleeve 147#



High Voltage input (100V-240V)

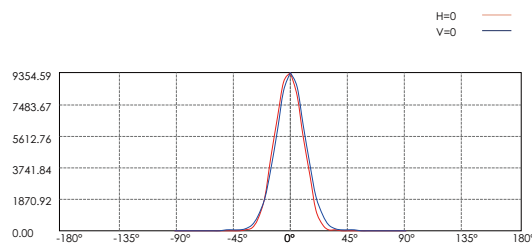
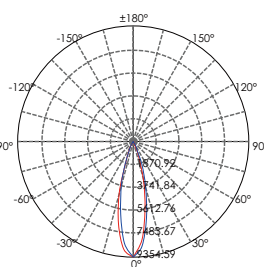
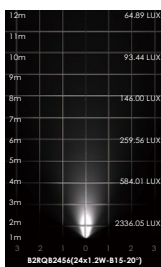
A Water-Stopper(Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is required to block the entry of water vapor.

B IP67 Jiffy quick plug/socket connector(Optional)

To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

PHOTOMETRIC



Lux distance Curve

	Illuminance at a Distance	
	Center Beam LUX	Beam Width V x H
2m	2336.05 LUX	0.9m 0.9m
4m	584.01 LUX	1.9m 1.8m
6m	259.56 LUX	2.8m 2.8m
8m	146.00 LUX	3.7m 3.7m
10m	93.44 LUX	4.6m 4.6m
12m	64.89 LUX	5.6m 5.5m
Vert.Spread:26.2		Horiz.Spread:26.0

MOUNTING SLEEVE CHARACTERISTIC

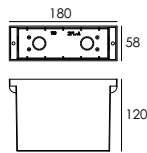


- The above picture – the supporting plate “A1” and “A2” are used for preventing deformation of the sleeve during the construction installation process.
- Please remove the supporting plate “A1” and “A2” from the mounting sleeve before the lamp installation.

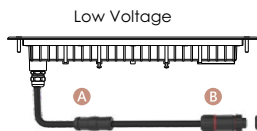
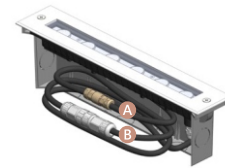
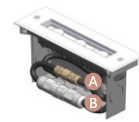
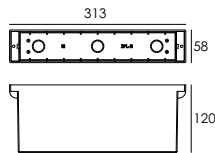
SLEEVE (Included)



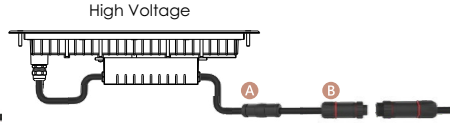
Recessed sleeve 110#



Recessed sleeve 111#



Low Voltage



High Voltage

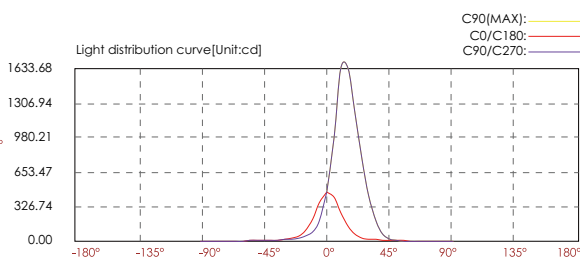
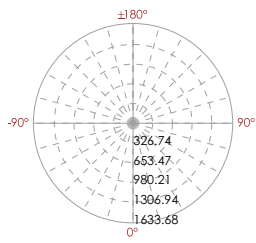
A Water-Stopper(Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is required to block the entry of water vapor.

B IP67 Jiffy quick plug/socket connector(Optional)

To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

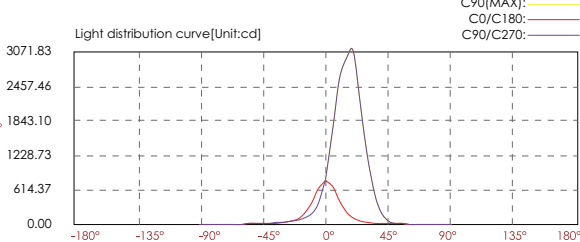
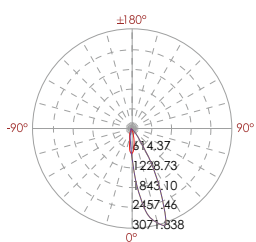
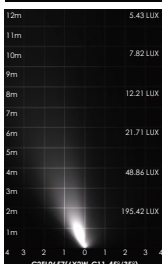
PHOTOMETRIC



Lux distance cure

Illuminance at a distance		Beam width	
Center beam LUX	V	H	
2m	116.23 LUX	0.7m	0.6m
4m	29.06 LUX	1.5m	1.3m
6m	12.91 LUX	2.2m	1.9m
8m	7.26 LUX	3.0m	2.5m
10m	4.65 LUX	3.7m	3.1m
12m	3.23 LUX	4.5m	3.8m

Ver.Spread:21.2 Horiz.Spread:17.8



Lux distance cure

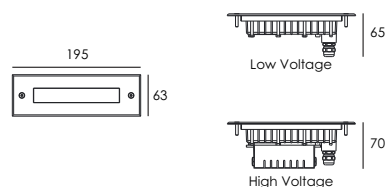
Illuminance at a distance		Beam width	
Center beam LUX	V	H	
2m	195.42 LUX	0.9m	0.6m
4m	48.86 LUX	1.7m	1.3m
6m	21.71 LUX	2.6m	1.9m
8m	12.21 LUX	3.4m	2.5m
10m	7.82 LUX	4.3m	3.1m
12m	5.43 LUX	5.2m	3.8m

Ver.Spread:24.2 Horiz.Spread:17.8



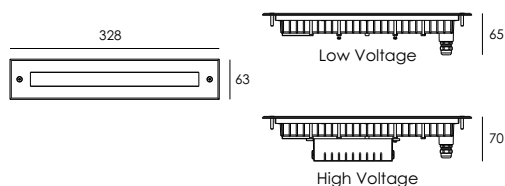
ITEM	C2FL0357F
LIGHT SOURCE	3×2W
LENS	C11
SELECTED DEGREE(°)Θ1/2	45°/35°
WEIGHT(KG)	0.9
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=240 120V=89 240V=46
CONSUMPTION(W)	24V=5.7 120V=6 240V=5.7
LUMINANCE(LM)	CW=340 WW=344
IK	08

OUTER DIMENSIONS (Unit: mm)



ITEM	C2FL0657
LIGHT SOURCE	6×2W
LENS	C11
SELECTED DEGREE(°)Θ1/2	45°/35°
WEIGHT(KG)	1.6
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=550 120V=100 240V=57
CONSUMPTION(W)	24V=13.2 120V=11.8 240V=12.1
LUMINANCE(LM)	CW=875 WW=823
IK	08

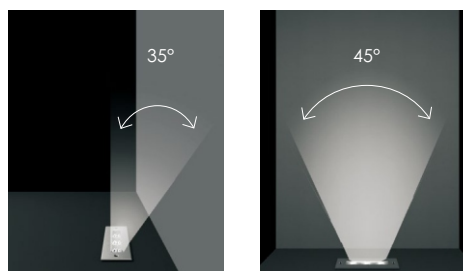
OUTER DIMENSIONS (Unit: mm)



MATERIAL SPECIFICATIONS

FRONT COVER	Hard chromeplated stainless steel SUS 316#
HOUSING	12# Die-casting dark grey powder coated aluminum
LIGHT WINDOW	T=60-80μm. Adhesion of ISO class 1/ASTM class 4B Tempered step glass.T=8mm
GASKET	Silicon rubber molding shaped seal
POWER CABLE	H05RN-F 2×1.0mm ² L=0.5m(low voltage) H05RN-F 3×1.0mm ² L=0.5m(high voltage)
CABLE GLAND	IP68 PG-9 PA66
MOUNTING SLEEVE	ABS 076#(C2FL0357) ABS 077#(C2FL0657)
LED TYPE	Constant Voltage Input, Constant Current Output
LED DRIVER	
LENS	
PCB	Excellent heat conductivity aluminum, coefficient of heat Conductivity≥2.0w/mk
RECESSED SLEEVE MATERIAL	PC/ABS ALLOYS
GLASS PRESSURE CAPACITY	Full area=3.251kgs
DIMMABLE SUPPORT	
IP	IP67
OPERATING TEMPERATURE	-20°C~40°C

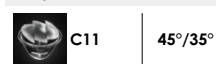
IMPRESSION DRAWING OF LENS



LED COLOUR TEMPERATURE

2,000K · 3,000K · 6,000K

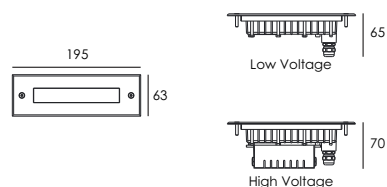
LENS





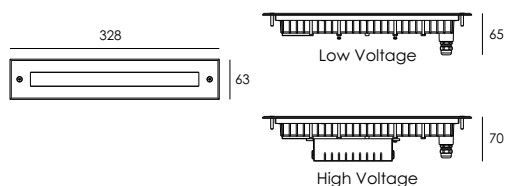
ITEM	B2FL0357F
LIGHT SOURCE	3×2W
LENS	B27
LENS DEGREE(°)Ø1/2	25°
WEIGHT(KG)	0.9
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=240 120V=51 240V=25
CONSUMPTION(W)	24V=5.7 120V=5.8 240V=5.5
LUMINANCE(LM)	CW=508 WW=395
IK	08

OUTER DIMENSIONS (Unit: mm)



ITEM	B2FL0657F
LIGHT SOURCE	6×2W
LENS	B27
LENS DEGREE(°)Ø1/2	25°
WEIGHT(KG)	1.6
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=550 120V=100 240V=57
CONSUMPTION(W)	24V=13.2 120V=11.8 240V=12.1
LUMINANCE(LM)	CW=1100 WW=733
IK	08

OUTER DIMENSIONS (Unit: mm)



MATERIAL SPECIFICATIONS

FRONT COVER	Hard chromeplated stainless steel SUS 316#
HOUSING	12# Die-casting dark grey powder coated aluminum T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	Tempered step glass. T=8mm
GASKET	Silicon rubber molding shaped seal
POWER CABLE	H05RN-F 2×1.0mm ² L=0.5m(low voltage) H05RN-F 3×1.0mm ² L=0.5m(high voltage)
CABLE GLAND	IP68 PG-9 PA66
MOUNTING SLEEVE	ABS 076#(C2FL0357) ABS 077#(C2FL0657)
LED TYPE	OSRAM or NICHIA
LED DRIVER	Constant Voltage Input, Constant Current Output
LENS	
PCB	Excellent heat conductivity aluminum, coefficient of heat Conductivity≥2.0w/mk
RECESSED SLEEVE MATERIAL	PC/ABS ALLOYS
GLASS PRESSURE CAPACITY	Full area=3251kgs
DIMMABLE SUPPORT	
IP	IP67
OPERATING TEMPAIURE	-20°C~40°C

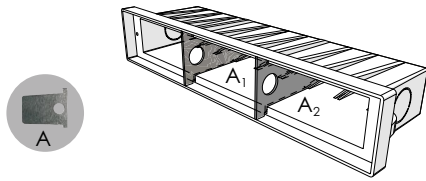
LED COLOUR TEMPERATURE

2,000K · 3,000K · 6,000K

LENS

	B26	8°		
	B27	13°	25°	30°

MOUNTING SLEEVE CHARACTERISTIC



Low voltage type



Outside gear box for high voltage

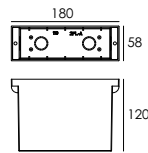


- The above picture – the supporting plate "A1" and "A2" are used for preventing deformation of the sleeve during the construction installation process.
- Please remove the supporting plate "A1" and "A2" from the mounting sleeve before the lamp installation.

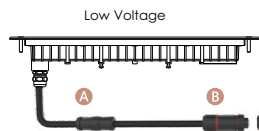
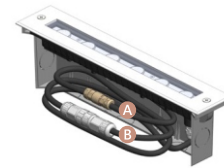
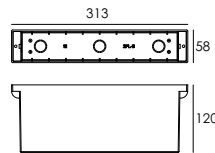
SLEEVE (Included)



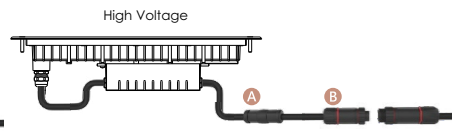
Recessed sleeve 110#



Recessed sleeve 111#



Low Voltage



High Voltage

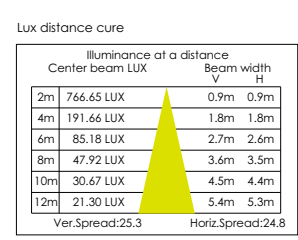
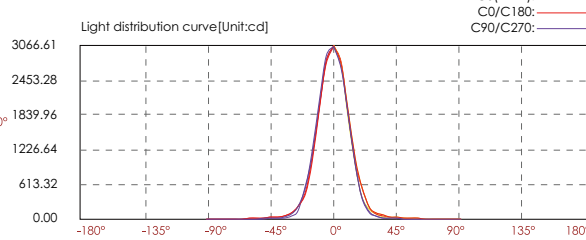
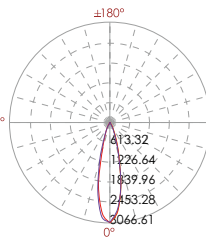
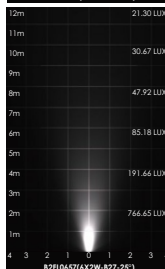
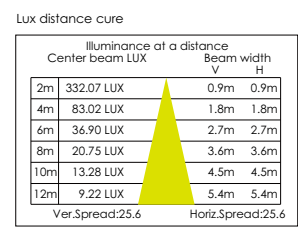
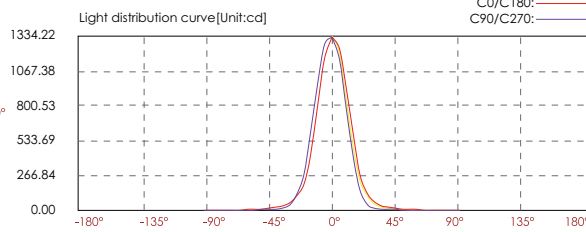
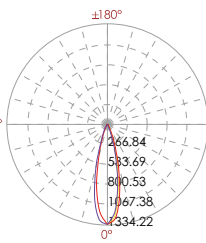
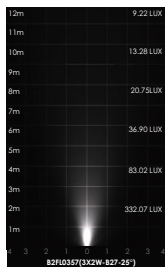
A Water-Stopper(Included)

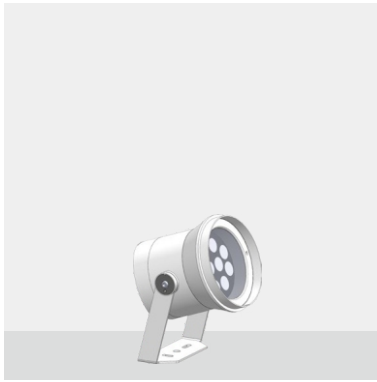
The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is required to block the entry of water vapor.

B IP67 Jiffy quick plug/socket connector(Optional)

To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

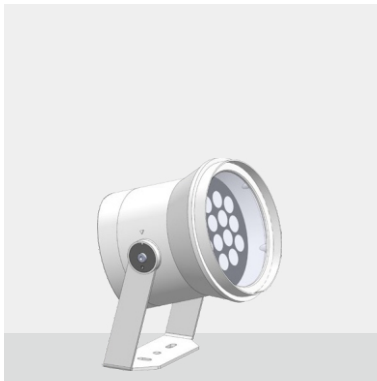
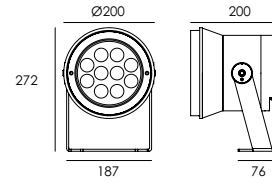
PHOTOMETRIC





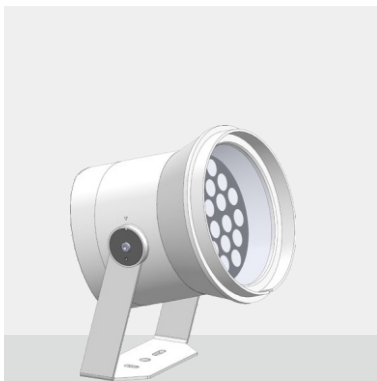
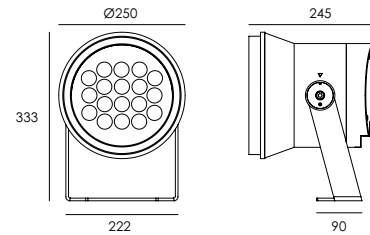
ITEM
B3CPU0666
LIGHT SOURCE
6×6.5W
LENS
B78 / B88
LENS OPTIONAL DEGREE
10°
INPUT VOLTAGE(V)
120/240V
OPERATING CURRENT(MA)
120V=424 240V=214
CONSUMPTION(W)
50
LUMINANCE(LM)
3869

OUTER DIMENSIONS (Unit: mm)



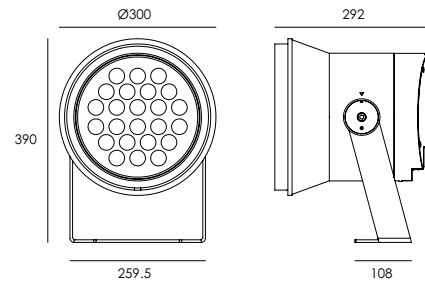
ITEM
B3CQU1266
LIGHT SOURCE
12×6.5W
LENS
B78 / B88
LENS OPTIONAL DEGREE
10°
INPUT VOLTAGE(V)
120/240V
OPERATING CURRENT(MA)
120V=764 240V=385
CONSUMPTION(W)
90
LUMINANCE(LM)
7489

OUTER DIMENSIONS (Unit: mm)



ITEM
B3CRU1866
LIGHT SOURCE
18×6.5W
LENS
B78 / B88
LENS OPTIONAL DEGREE
10°
INPUT VOLTAGE(V)
120/240V
OPERATING CURRENT(MA)
120V=1158 240V=570
CONSUMPTION(W)
135
LUMINANCE(LM)
12326

OUTER DIMENSIONS (Unit: mm)



HOUSING COLOR OPTION

Basic	Secondary
 Silver Grey KAP 9022	 Sanded Black RAL 9005

LENS

	B78	6°
	B88	15° 24° 36° 45° 55° 10°×38°

LED COLOUR TEMPERATURE

3,000K · 4,000K · 5,700K

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.T=2.5mm

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 H07RN-F 2×1.0mm² L=3.0m(low voltage)
H07RN-F 3×1.0mm² L=3.0m(high voltage)

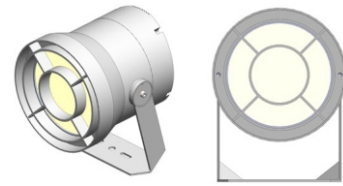
DIMMABLE SUPPORT Triac PWM 1-10V Dali

ACCESSORIES(Optional)

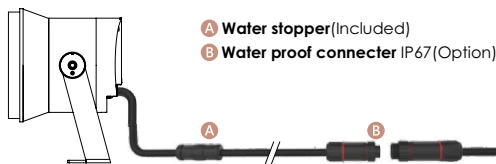


- Optional Accessory Anti-Glare Louver.
- The measured luminous flux data does not contain the anti-glare cover, and the data containing is reduced

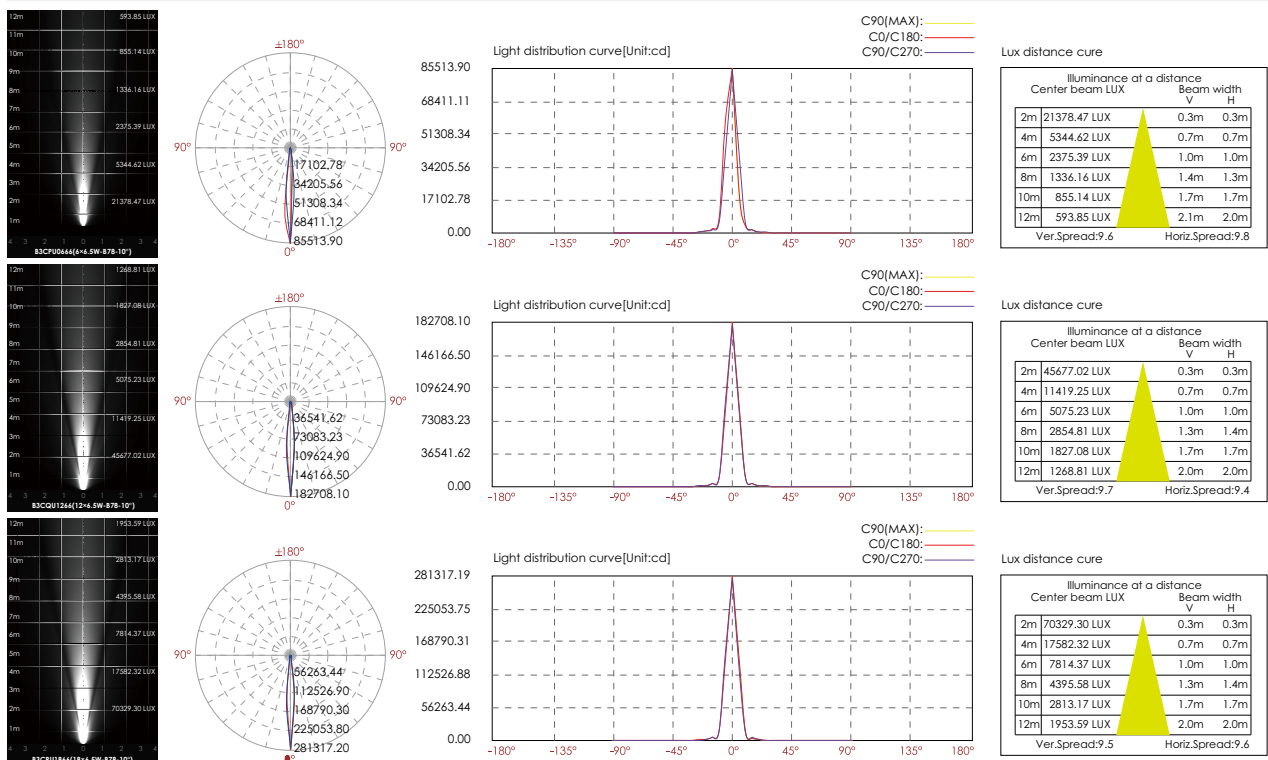
OVERVIEW

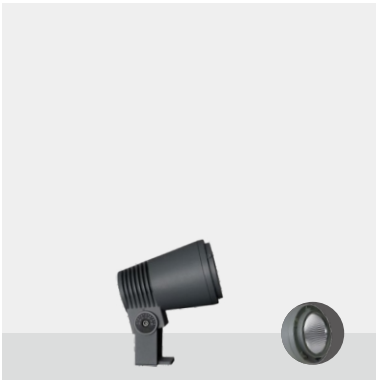


WATER PROOF SOLUTION



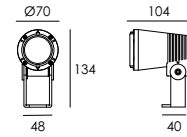
PHOTOMETRIC





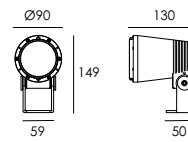
ITEM
R3EJU0126
LIGHT SOURCE
1×6W COB
REFLECTOR
R8
LENS OPTIONAL DEGREE
24°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=320 120V=65 240V=37
CONSUMPTION(W)
24V=7.5 120V=7.7 240V=7.8
LUMINANCE(LM)
CW=730 WW=646

OUTER DIMENSIONS (Unit: mm)



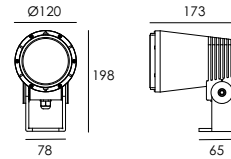
ITEM
R3DJU0169
LIGHT SOURCE
1×16W COB
REFLECTOR
R17
LENS OPTIONAL DEGREE
32°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=700 120V=145 240V=89
CONSUMPTION(W)
24V=17 120V=19 240V=18.5
LUMINANCE(LM)
CW=1600 WW=1500

OUTER DIMENSIONS (Unit: mm)



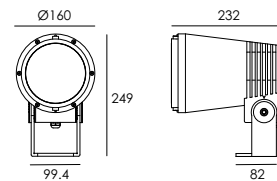
ITEM
R3CJU0171
LIGHT SOURCE
1×20W COB
REFLECTOR
R19
LENS OPTIONAL DEGREE
22°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=960 120V=205 240V=108
CONSUMPTION(W)
24V=23 120V=23.5 240V=24.2
LUMINANCE(LM)
CW=2596 WW=2409

OUTER DIMENSIONS (Unit: mm)



ITEM
R3BJU0176
LIGHT SOURCE
1×40W COB
REFLECTOR
R16
LENS OPTIONAL DEGREE
25°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=1882 120V=372 240V=187
CONSUMPTION(W)
24V=45 120V=44.8 240V=44.5
LUMINANCE(LM)
CW=4770 WW=4455

OUTER DIMENSIONS (Unit: mm)



LENS

	R8	15° 60°	24°	38°
	R16	12°	25°	38°
	R17	12°	18°	32°
	R19	10°	22°	38°

LED COLOUR TEMPERATURE

2,000K · 3,000K · 6,000K

HOUSING COLOR OPTION

Basic

Dark Grey
KAP 7037

Secondary

Silver Grey
KAP 9022

Sanded Black
RAL 9005

Sanded White
RAL 9003

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 2×1.0mm² L=3.0m(low voltage)
H05RN-F 3×1.0mm² L=3.0m(high voltage)

IK R3EJU0126: 05
R3DJU0169, R3CJU0171, R3BJU0176: 06

ACCESSORIES(Optional)

SPIKE

R3EJU0126	R3CJU0171
	
18C 12C	17B 13B

- PC/ABS alloys for option assembled by user select.
- Stainless Steel and the others for option.
- Please refer to p.32 to see more spike specification and options.

TREE POLE STRAP

R3EJU0126	R3DJU0169	R3CJU0171
		
RD003	RD003	RD002

- Tree pole strap for option assembled by user select.
- The bandage is made of polyester-cotton. It is made of 65%-67% polyester and 33%-35% cotton blended yarn.
- Please refer to p.34 to see more tree pole strape specification and options.

MOUNTING BASE

R3EJU0126	R3DJU0169	R3CJU0171
		
BS002	BS002	BS003

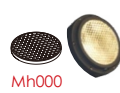
- Mounting base for option assembled by user select.

HOOD

R3EJU0126	R3DJU0169	R3CJU0171	R3CJU0176
			
CA3022	CA3021	CA3020	CA3019

- CA3022, CA3021, CA3020, CA3019 for option assembled by user select.

HONEYCOMB LOUVER

R3EJU0126	R3DJU0169	R3CJU0171	R3CJU0176
			
Mh000	Mh000	Mh000	Mh000

- Optional Accessory Honeycomb Louver
- The measured luminous flux data does not contain the honeycomb, and the data containing is reduced 20 to 30%.

FEATURE

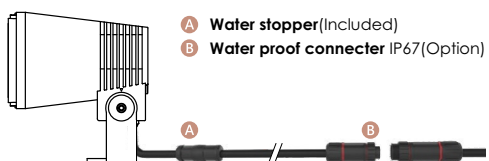


Gear: The gear between the luminaire housing and the U bracket to prevent sliding.

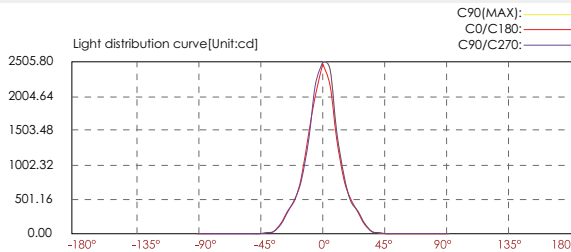
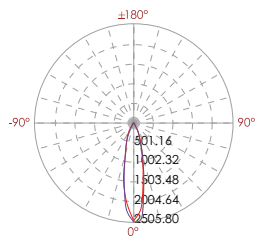
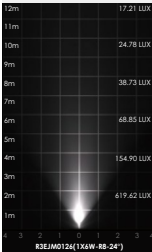
OVERVIEW



WATER PROOF SOLUTION

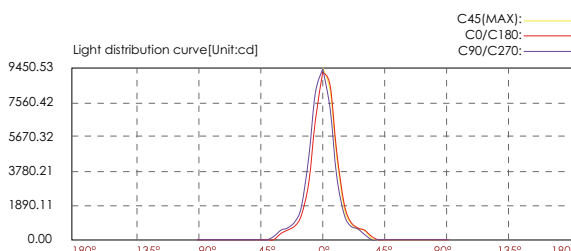
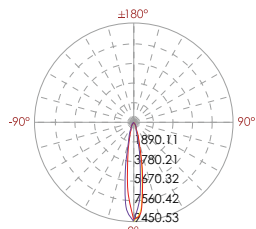
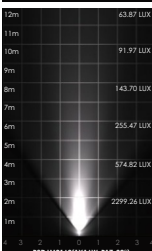


PHOTOMATIRC



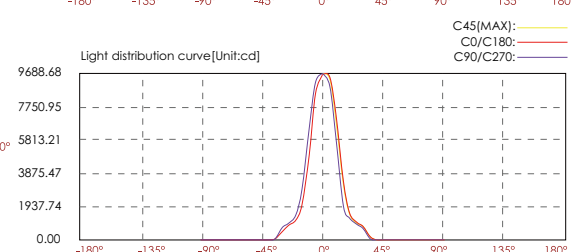
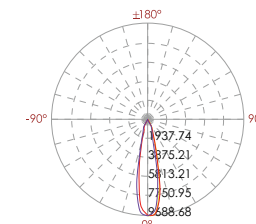
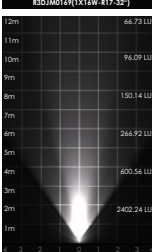
Lux distance cure

Illuminance at a distance			
Center beam LUX	Beam width		
	V	H	
2m	619.62 LUX	0.8m	0.8m
4m	154.90 LUX	1.6m	1.6m
6m	68.85 LUX	2.4m	2.4m
8m	38.73 LUX	3.2m	3.2m
10m	24.78 LUX	4.1m	4.0m
12m	17.21 LUX	4.9m	4.8m
Ver.Spread:23.0		Horiz.Spread:22.8	



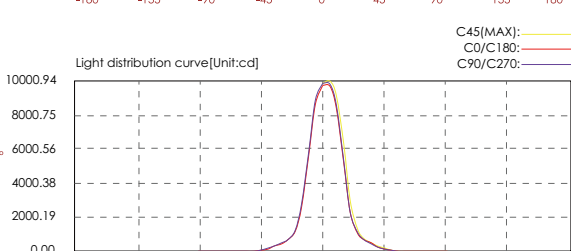
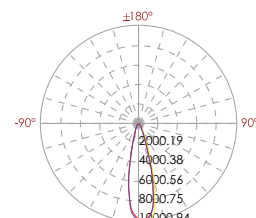
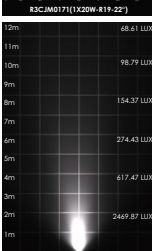
Lux distance cure

Illuminance at a distance			
Center beam LUX	Beam width		
	V	H	
2m	2299.26 LUX	0.6m	0.6m
4m	571.82 LUX	1.3m	1.3m
6m	255.47 LUX	1.9m	1.9m
8m	143.70 LUX	2.6m	2.5m
10m	91.97 LUX	3.2m	3.2m
12m	63.87 LUX	3.8m	3.8m
Ver.Spread:18.2		Horiz.Spread:18.0	



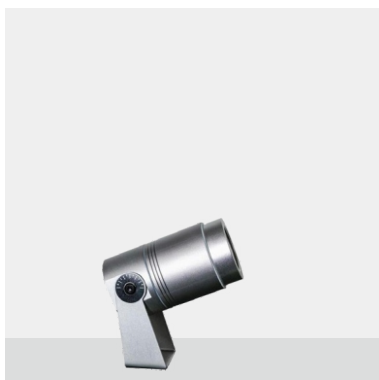
Lux distance cure

Illuminance at a distance			
Center beam LUX	Beam width		
	V	H	
2m	2402.24 LUX	0.8m	0.8m
4m	600.56 LUX	1.7m	1.7m
6m	266.92 LUX	2.5m	2.5m
8m	150.14 LUX	3.3m	3.3m
10m	96.09 LUX	4.2m	4.1m
12m	66.73 LUX	5.0m	5.0m
Ver.Spread:23.6		Horiz.Spread:23.3	



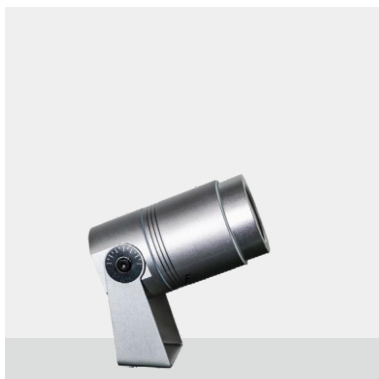
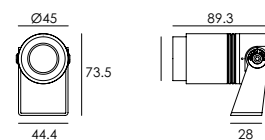
Lux distance cure

Illuminance at a distance			
Center beam LUX	Beam width		
	V	H	
2m	2469.87 LUX	0.9m	0.9m
4m	617.47 LUX	1.9m	1.9m
6m	274.43 LUX	2.8m	2.8m
8m	154.37 LUX	3.8m	3.7m
10m	98.79 LUX	4.7m	4.6m
12m	68.61 LUX	5.7m	5.6m
Ver.Spread:26.6		Horiz.Spread:26.1	



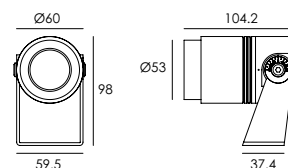
ITEM
B3ACX0158
LIGHT SOURCE
1×3W NICHIA
LENS
B33
LENS OPTIONAL DEGREE
30°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=162 120V=36 240V=22
CONSUMPTION(W)
24V=3.9 120V=4.6 240V=4.5
LUMINANCE(LM)
24V=288 120/240V=258

OUTER DIMENSIONS (Unit: mm)



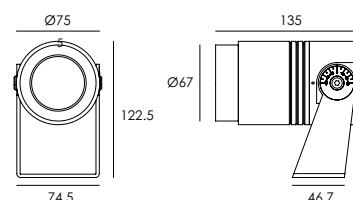
ITEM
B3ADX0127
LIGHT SOURCE
1×8W NICHIA
LENS
B71
LENS OPTIONAL DEGREE
33°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=437 120V=92 240V=49
CONSUMPTION(W)
24V=10.4 120V=11 240V=10.5
LUMINANCE(LM)
24V=1051 120/240V=968

OUTER DIMENSIONS (Unit: mm)



ITEM
B3AEX0169
LIGHT SOURCE
1×14W NICHIA
LENS
B67
LENS OPTIONAL DEGREE
38°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=639 120V=142 240V=70
CONSUMPTION(W)
24V=15.3 120V=17.1 240V=16.6
LUMINANCE(LM)
24V=1705 120/240V=1689

OUTER DIMENSIONS (Unit: mm)



ASSEMBLE EXPLANATION



MATERIAL SPECIFICATION

METALS FITTING

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

IK 02

PCB Excellent heat conductivity aluminum, coefficient of heat Conductivity ≥ 2.0w/mk

ELECTRONIC FITTING

LED DRIVER Constant Voltage Input, Constant Current Output

OPERATING TEMPERATURE -20°C~40°C

POWER CABLE H05RN-F 2×1.0mm² L=3.0m(low voltage)
H05RN-F 3×1.0mm² L=3.0m(high voltage)

DIMMABLE SUPPORT

OPTIONAL PARTS SPIKE PC/ABS alloys(18C): B3ACX0158, B3ADX0127
PC/ABS alloys(17B): B3AEX0169
Stainless Steel(12C): B3ACX0158, B3ADX0127
Stainless Steel(13B): B3AEX0169

OPTIONAL PARTS BASE BS001: B3ACX0158
BS002: B3ADX0127
BS003: B3AEX0169

OPTIONAL PARTS TREE/POLE STRAP RD003: B3ACX0158, B3ADX0127
RD002: B3AEX0169

LENS

	B33 B33D/B33F	9° 30°	15° 45°	20° 60°
	B71	15° 45°	24° 60°	33°
	B67	15° 38°	20° 50°	25°

HOUSING COLOR OPTION

	Basic		Secondary
Anodizing Grey	RAP 9023	Anodizing Black	RAL 9005

LED COLOUR TEMPERATURE

3,000K · 6,000K

ACCESSORIES(Optional)



- PC/ABS alloys for option assembled by user select.
- Stainless Steel and the others for option.
- Please refer to p.32 to see more spike specification and options.

MOUNTING BASE



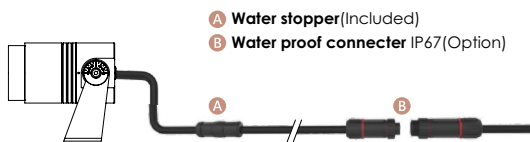
- Mounting base for option assembled by user select.

HOOD

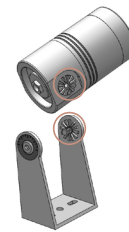


- CA3038, CA3039, CA3040 for option assembled by user select.

WATER PROOF SOLUTION

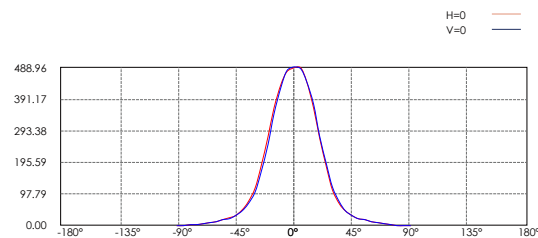
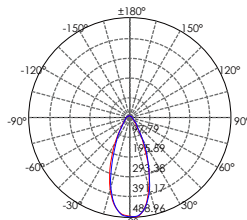


FEATURE



Gear: The gear between the luminaire housing and the U bracket to prevent

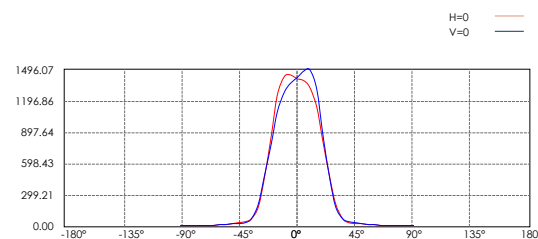
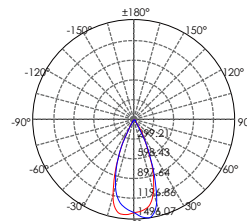
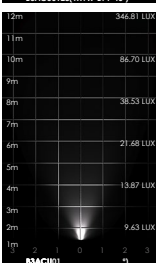
PHOTOMETRIC



Lux distance Curve

Distance (m)	Center Beam LUX	Beam Width (m)
2m	121.20 LUX	1.6m 1.5m
4m	30.30 LUX	3.2m 3.0m
6m	13.47 LUX	4.7m 4.6m
8m	7.58 LUX	6.3m 6.1m
10m	4.85 LUX	7.9m 7.6m
12m	3.37 LUX	9.5m 9.1m

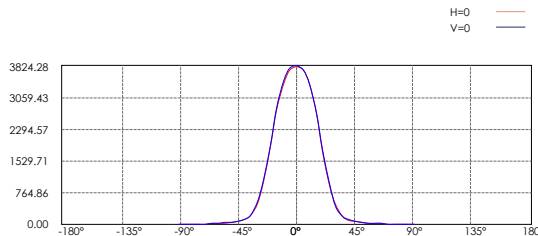
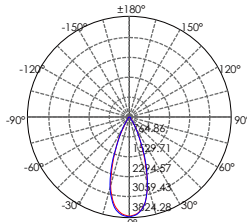
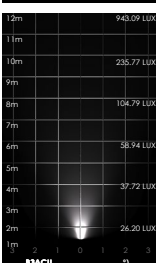
Vert.Spread:43.0 Horiz.Spread:41.7



Lux distance Curve

Distance (m)	Center Beam LUX	Beam Width (m)
2m	346.81 LUX	1.5m 1.5m
4m	86.70 LUX	3.0m 3.0m
6m	38.53 LUX	4.4m 4.5m
8m	21.68 LUX	5.9m 6.0m
10m	13.87 LUX	7.4m 7.5m
12m	9.63 LUX	8.9m 9.0m

Vert.Spread:40.7 Horiz.Spread:41.3



Lux distance Curve

Distance (m)	Center Beam LUX	Beam Width (m)
2m	943.09 LUX	1.4m 1.4m
4m	235.77 LUX	2.8m 2.9m
6m	104.79 LUX	4.2m 4.3m
8m	58.94 LUX	5.7m 5.7m
10m	37.72 LUX	7.1m 7.1m
12m	26.20 LUX	8.5m 8.6m

Vert.Spread:39.0 Horiz.Spread:39.3

ACCESSORIES(Optional)

SPIKE



- PC/ABS alloys for option assembled by user select.
- Stainless Steel and the others for option.
- Please refer to p.32 to see more spike specification and options.

MOUNTING BASE



- Mounting base for option assembled by user select.

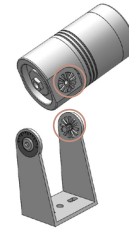
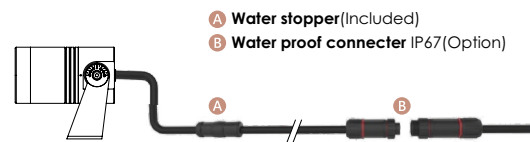
TREE POLE STRAP



- Tree pole strap for option assembled by user select.
- The bandage is made of polyester-cotton. It is made of 65%-67% polyester and 33%-35% cotton blended yarn.
- Please refer to p.34 to see more tree pole strap specification and options.

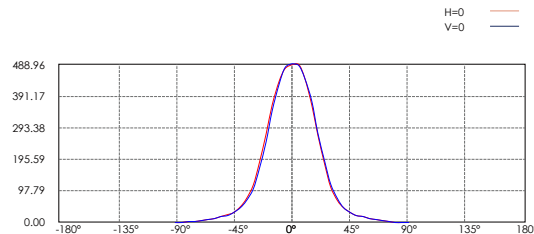
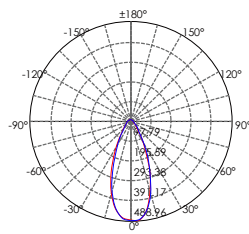
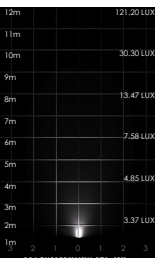


WATER PROOF SOLUTION



Gear: The gear between the luminaire housing and the U bracket to prevent sliding.

PHOTOMETRIC



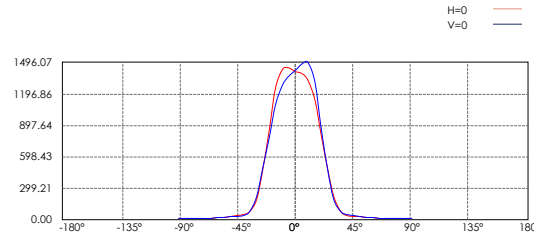
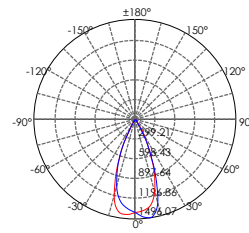
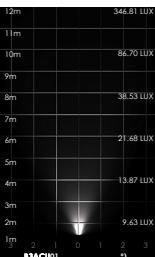
Lux distance Curve

Center Beam LUX

Beam Width

Distance (m)	Center Beam LUX	Beam Width (m)
2m	121.20 LUX	1.6m 1.5m
4m	30.30 LUX	3.2m 3.0m
6m	13.47 LUX	4.7m 4.6m
8m	7.58 LUX	6.3m 6.1m
10m	4.85 LUX	7.9m 7.6m
12m	3.37 LUX	9.5m 9.1m

Vert.Spread:43.0 Horiz.Spread:41.7



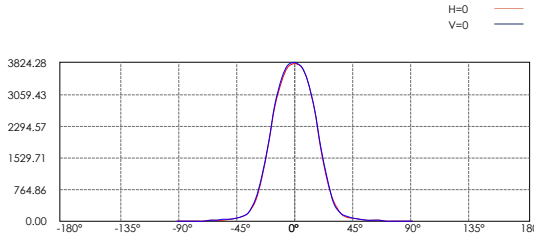
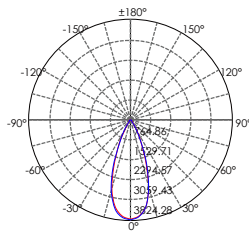
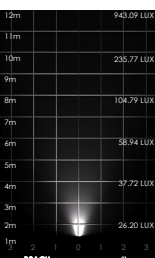
Lux distance Curve

Center Beam LUX

Beam Width

Distance (m)	Center Beam LUX	Beam Width (m)
2m	346.81 LUX	1.5m 1.5m
4m	86.70 LUX	3.0m 3.0m
6m	38.53 LUX	4.4m 4.5m
8m	21.68 LUX	5.9m 6.0m
10m	13.87 LUX	7.4m 7.5m
12m	9.63 LUX	8.9m 9.0m

Vert.Spread:40.7 Horiz.Spread:41.3



Lux distance Curve

Center Beam LUX

Beam Width

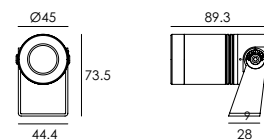
Distance (m)	Center Beam LUX	Beam Width (m)
2m	943.09 LUX	1.4m 1.4m
4m	235.77 LUX	2.8m 2.9m
6m	104.79 LUX	4.2m 4.3m
8m	58.94 LUX	5.7m 5.7m
10m	37.72 LUX	7.1m 7.1m
12m	26.20 LUX	8.5m 8.6m

Vert.Spread:39.0 Horiz.Spread:39.3



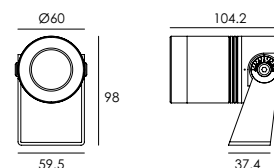
ITEM
B3ACZ0158
LIGHT SOURCE
1×3W NICHIA
LENS
B33
SELECTED DEGREE(°)Ø1/2
30°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=162 120V=36 240V=22
CONSUMPTION(W)
24V=3.9 120V=4.3 240V=4.1
LUMINANCE(LM)
24V=288 120/240V=258

OUTER DIMENSIONS (Unit: mm)



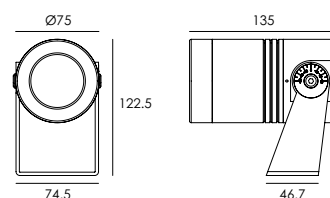
ITEM
B3ADZ0127
LIGHT SOURCE
1×8W NICHIA
LENS
B71
SELECTED DEGREE(°)Ø1/2
33°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=437 120V=92 240V=49
CONSUMPTION(W)
24V=10.4 120V=11 240V=10.5
LUMINANCE(LM)
24V=1051 120/240V=968

OUTER DIMENSIONS (Unit: mm)



ITEM
B3AEZ0169
LIGHT SOURCE
1×14W NICHIA
LENS
B67
SELECTED DEGREE(°)Ø1/2
38°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=639 120V=142 240V=70
CONSUMPTION(W)
24V=15.3 120V=17.1 240V=16.6
LUMINANCE(LM)
24V=1705 120/240V=1689

OUTER DIMENSIONS (Unit: mm)



ASSEMBLY EXPLANATION



MATERIAL SPECIFICATION

METALS FITTING

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

IK 02

PCB Excellent heat conductivity aluminum, coefficient of heat Conductivity ≥ 2.0w/mk

ELECTRONIC FITTING

LED DRIVER Constant Voltage Input, Constant Current Output

OPERATING TEMPERATURE -20°C~40°C

POWER CABLE H05RN-F 2×1.0mm² L=3.0m(low voltage)
H05RN-F 3×1.0mm² L=3.0m(high voltage)

DIMMABLE SUPPORT

OPTIONAL PARTS SPIKE PC/ABS alloys(18C): B3ACZ0158, B3ADZ0127
PC/ABS alloys(17B): B3AEZ0169
Stainless Steel(12C): B3ACZ0158, B3ADZ0127
Stainless Steel(13B): B3AEZ0169

OPTIONAL PARTS BASE BS001: B3ACZ0158
BS002: B3ADZ0127
BS003: B3AEZ0169

OPTIONAL PARTS TREE/POLE STRAP RD003: B3ACZ0158, B3ADZ0127
RD002: B3AEZ0169

LENS

	9°	15°	20°
	30°	45°	60°
B71	15°	24°	33°
	45°	60°	
	15°	20°	25°
	38°	50°	

HOUSING COLOR OPTION

Basic	Secondary
Anodizing Grey RAP 9023	Anodizing Black RAL 9005

LED COLOUR TEMPERATURE

3,000K • 6,000K

SPIKE TEXTURE AND ASSEMBLED EXPLANATION



- PC/ABS alloys for option assembled by manufacture.
- Stainless Steel and the others for option.
- Please refer to p.32 to see more spike specification and options.
- This product shares 7 series Mounting base.



LED COLOUR TEMPERATURE

3,000K · 6,000K

HOUSING COLOR OPTION

Basic



Sanded Brown
RAL 8019

LENS

	B33 B33D/B33F	9° 30°	15° 45°	20°
	B52	20°	36°	
	B66	15°	25°	38°

MATERIAL SPECIFICATION

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
GASKET	Tooling shaped seal
LED	Nichia
LED DRIVER	Constant Voltage Input, Constant Current Output
LENS/REFLECTOR	Optical lens, efficiency ≥ 85%
OPERATING TEMPERATURE	-20 °C ~ 40 °C
POWER CABLE	H05RN-F 2×1.0mm² L=3.0m (low voltage) H05RN-F 3×1.0mm² L=3.0m (high voltage)
OPTIONAL PARTS SPIKE	PC/ABS alloys (18A): B3TMS0158, B3TNS0126, B3TOS0128 PC/ABS alloys (17A): B3TPS0171

ACCESSORIES (Optional)

TREE POLE STRAP

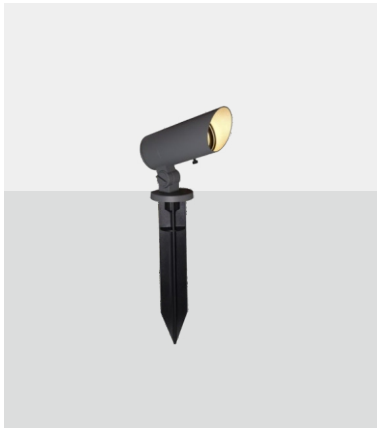
B3TMS0158	B3TNS0126	B3TOS0128	B3TPS0171	
				• Tree pole strap for option assembled by user select. • The bandage is made of polyester-cotton. It is made of 65%-67% polyester and 33%-35% cotton blended yarn. • Please refer to p.34 to see more tree pole strap specification and options.
RD003	RD003	RD002	RD002	

HOOD

B3TMS0158	B3TNS0126	B3TOS0128	B3TPS0171	
				• CA3022, CA3021, CA3020, CA3019 for option assembled by user select.
CA3006	CA3007	CA3008	CA3012	

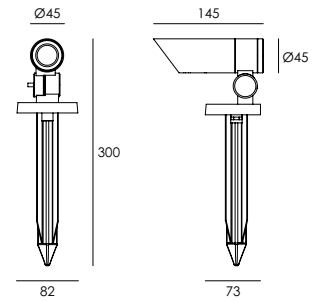
HONEYCOMB LOUVER

B3TMS0158	B3TNS0126	B3TOS0128	B3TPS0171	
				• Optional Accessory Honeycomb Louver • The measured luminous flux data does not contain the honeycomb, and the data containing is reduced 20 to 30%.
Mh024	Mh025	Mh026	Mh027	



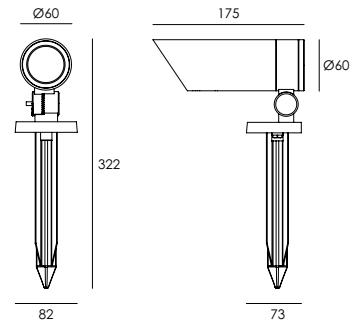
ITEM
B3TMS0158
LIGHT SOURCE
1×3W NICHIA
REFLECTOR
B33D
SELECTED DEGREE(°)θ1/2
20°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=170 120V=36 240V=22
CONSUMPTION(W)
24V=4.1 120V=4.3 240V=4.3
LUMINANCE(LM)
CW=305 WW=274
IK
06

OUTER DIMENSIONS (Unit: mm)



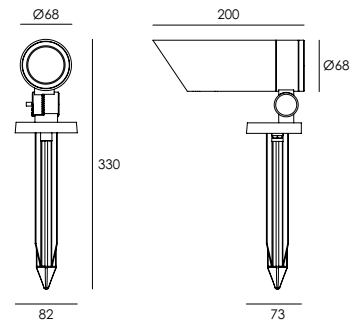
ITEM
B3TNS0126
LIGHT SOURCE
1×6W NICHIA
REFLECTOR
B51
SELECTED DEGREE(°)θ1/2
28°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=325 120V=60 240V=35
CONSUMPTION(W)
24V=7.8 120V=7.4 240V=7.4
LUMINANCE(LM)
CW=740 WW=667
IK
06

OUTER DIMENSIONS (Unit: mm)



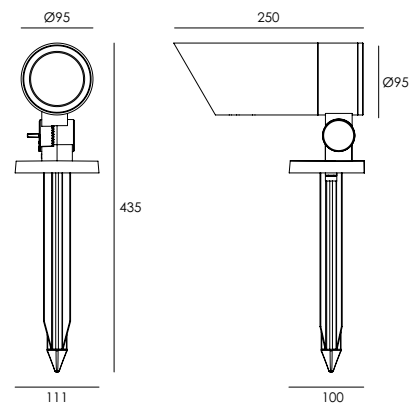
ITEM
B3TOS0128
LIGHT SOURCE
1×10W NICHIA
REFLECTOR
B52
SELECTED DEGREE(°)θ1/2
24°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=480 120V=107 240V=55
CONSUMPTION(W)
24V=11.5 120V=12.6 240V=12.3
LUMINANCE(LM)
CW=1200 WW=1315
IK
06

OUTER DIMENSIONS (Unit: mm)

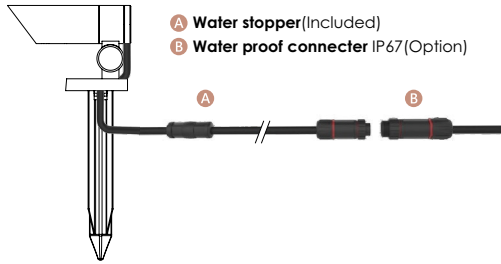


ITEM
B3TPS0171
LIGHT SOURCE
1×20W NICHIA
REFLECTOR
B66
SELECTED DEGREE(°)θ1/2
25°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=958 120V=180 240V=93
CONSUMPTION(W)
24V=23 120V=25 240V=25.8
LUMINANCE(LM)
CW=2200 WW=2071
IK
06

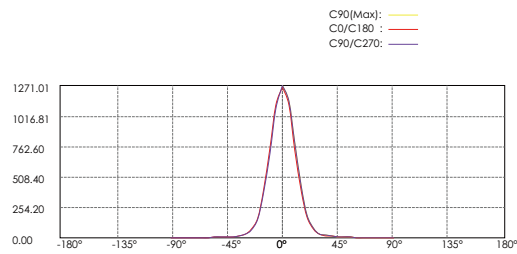
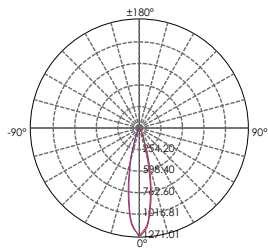
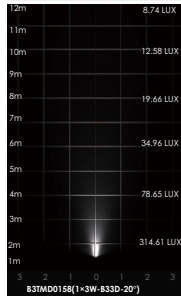
OUTER DIMENSIONS (Unit: mm)



WATER PROOF SOLUTION



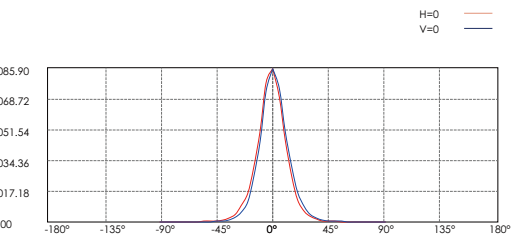
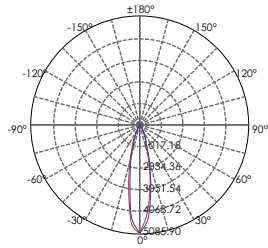
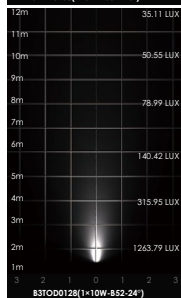
PHOTOMATIRC



Lux distance Curve

		Illuminance at a Distance		Beam Width	
		Center Beam LUX		V	H
2m		314.61 LUX		0.8m	0.8m
4m		78.65 LUX		1.6m	1.6m
6m		34.96 LUX		2.5m	2.5m
8m		19.66 LUX		3.3m	3.3m
10m		12.58 LUX		4.1m	4.1m
12m		8.74 LUX		4.9m	4.9m

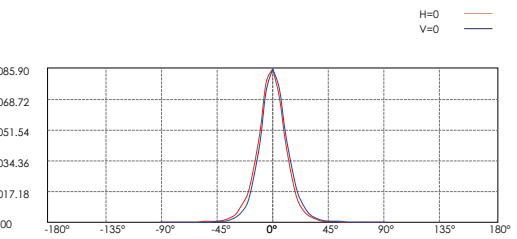
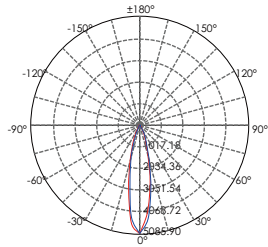
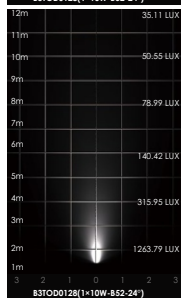
Vert.Spread:23.3 Horiz.Spread:23.2



Lux distance Curve

		Illuminance at a Distance		Beam Width	
		Center Beam LUX		V	H
2m		1263.79 LUX		0.8m	0.8m
4m		315.95 LUX		1.6m	1.6m
6m		140.42 LUX		2.4m	2.4m
8m		78.99 LUX		3.2m	3.2m
10m		50.55 LUX		4.0m	4.0m
12m		35.11 LUX		4.8m	4.8m

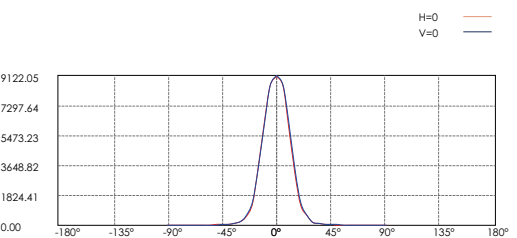
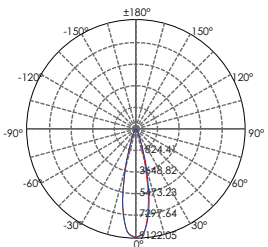
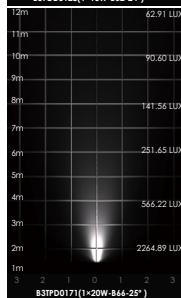
Vert.Spread:22.8 Horiz.Spread:22.6



Lux distance Curve

		Illuminance at a Distance		Beam Width	
		Center Beam LUX		V	H
2m		1263.79 LUX		0.8m	0.8m
4m		315.95 LUX		1.6m	1.6m
6m		140.42 LUX		2.4m	2.4m
8m		78.99 LUX		3.2m	3.2m
10m		50.55 LUX		4.0m	4.0m
12m		35.11 LUX		4.8m	4.8m

Vert.Spread:22.8 Horiz.Spread:22.6



Lux distance Curve

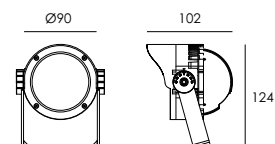
		Illuminance at a Distance		Beam Width	
		Center Beam LUX		V	H
2m		2264.89 LUX		0.9m	0.9m
4m		566.22 LUX		1.8m	1.8m
6m		251.65 LUX		2.7m	2.8m
8m		141.56 LUX		3.6m	3.7m
10m		90.60 LUX		4.5m	4.6m
12m		62.91 LUX		5.4m	5.5m

Vert.Spread:25.5 Horiz.Spread:25.8



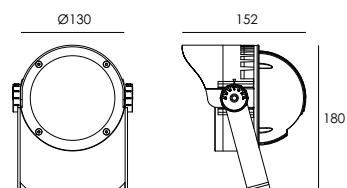
ITEM
B3BG0127
LIGHT SOURCE
1×8W CREE COB
LENS
B55
SELECTED DEGREE(°)θ1/2
24°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=374 120V=75 240V=42
CONSUMPTION(W)
24V=8.9 120V=9 240V=9.1
LUMINANCE(LM)
326
IK
07

OUTER DIMENSIONS (Unit: mm)



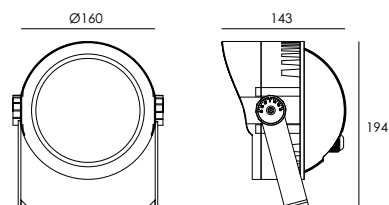
ITEM
B3BH0129
LIGHT SOURCE
1×12W CREE COB
LENS
B56
SELECTED DEGREE(°)θ1/2
24°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=583 120V=114 240V=68
CONSUMPTION(W)
24V=14 120V=13.5 240V=14
LUMINANCE(LM)
1263
IK
07

OUTER DIMENSIONS (Unit: mm)



ITEM
B3BI0170
LIGHT SOURCE
1×18W CREE COB
LENS
B57
SELECTED DEGREE(°)θ1/2
24°
INPUT VOLTAGE(V)
DC24V 240V
OPERATING CURRENT(MA)
24V=940 120V=173 240V=99
CONSUMPTION(W)
24V=22.56 120V=20.5 240V=20.4
LUMINANCE(LM)
2101
IK
07

OUTER DIMENSIONS (Unit: mm)



LED COLOUR TEMPERATURE

2000K · 3,000K · 6,000K

LENS

	B55	18°	28°	38°
	B56	15°	24°	38°
	B57	12°	24°	36°
		60°		

HOUSING COLOR OPTION

Basic

Dark Grey
KAP 7037

Secondary

Silver Grey
KAP 9022

Sanded Black
RAL 9005

MATERIAL SPECIFICATION

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

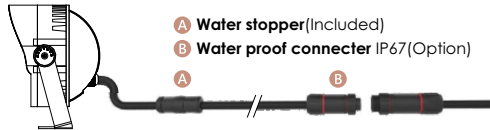
GASKET Tooling shaped seal

BRACKET Powder coated aluminum

POWER CABLE H05RN-F 2×1.0mm² L=3.0m(low voltage)
H05RN-F 3×1.0mm² L=3.0m(high voltage)

DIMMABLE SUPPORT

WATER PROOF SOLUTION



- A** Water stopper(Included)
- B** Water proof connector IP67(Option)

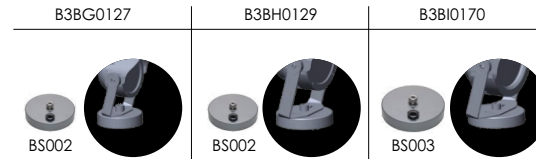
ACCESSORIES(Optional)

SPIKE



- PC/ABS alloys for option assembled by user select.
- Stainless Steel and the others for option.
- Please refer to p.32 to see more spike specification and options.

MOUNTING BASE



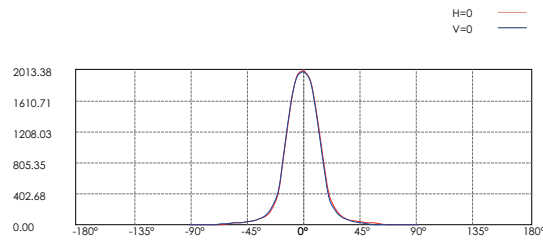
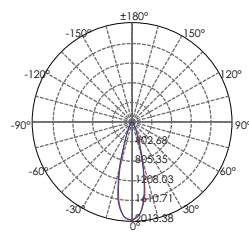
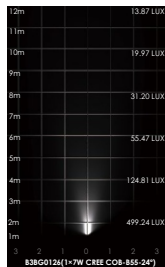
- Mounting base for option assembled by user select.
- Please refer to p.34 to see more specification and options.

HONEYCOMB LOUVER



- Mh017, Mh050, Mh051, for option assembled by user select.

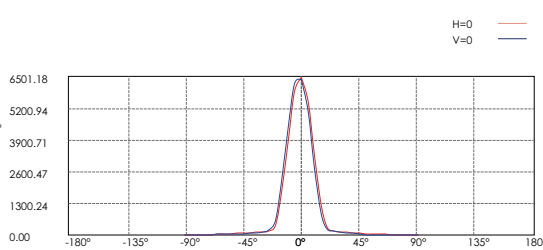
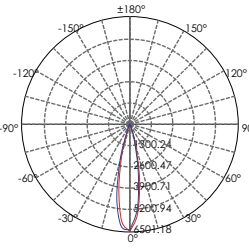
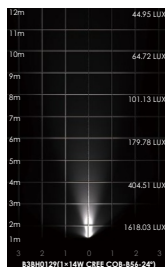
PHOTOMATIRC



Lux distance Curve

	Center Beam LUX	Beam Width	
		V	H
2m	499.24 LUX	1.0m	1.0m
4m	124.81 LUX	2.0m	2.0m
6m	55.47 LUX	3.1m	3.0m
8m	31.20 LUX	4.1m	4.1m
10m	19.97 LUX	5.1m	5.1m
12m	13.87 LUX	6.1m	6.1m

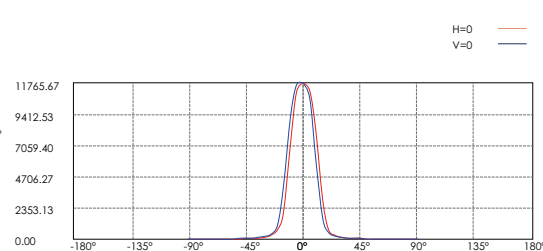
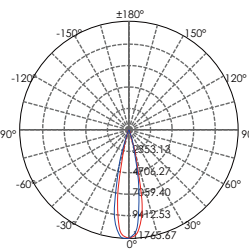
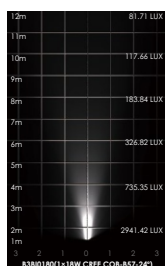
Vert.Spread:28.6 Horiz.Spread:28.5



Lux distance Curve

	Center Beam LUX	Beam Width	
		V	H
2m	1618.03 LUX	0.8m	0.8m
4m	404.51 LUX	1.6m	1.6m
6m	179.78 LUX	2.3m	2.3m
8m	101.13 LUX	3.1m	3.1m
10m	64.72 LUX	3.9m	3.9m
12m	44.95 LUX	4.7m	4.7m

Vert.Spread:22.1 Horiz.Spread:22.1



Lux distance Curve

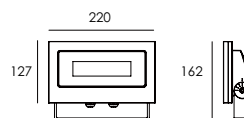
	Center Beam LUX	Beam Width	
		V	H
2m	2941.42 LUX	0.8m	0.8m
4m	735.35 LUX	1.7m	1.6m
6m	326.82 LUX	2.5m	2.5m
8m	183.84 LUX	3.3m	3.3m
10m	117.66 LUX	4.1m	4.1m
12m	81.71 LUX	5.0m	4.9m

Vert.Spread:23.4 Horiz.Spread:23.3



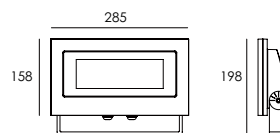
ITEM
B3FKA0559
LIGHT SOURCE
5×3.5W
SELECTED DEGREE(°)Ø1/2
45°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=750 120V=181 240V=94
CONSUMPTION(W)
24V=18 120V=21.7 240V=21.7
LUMINANCE(LM)
1324

OUTER DIMENSIONS (Unit: mm)



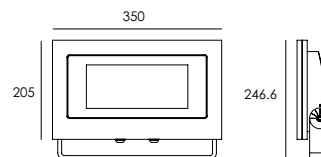
ITEM
B3GKA1259
LIGHT SOURCE
12×3W
SELECTED DEGREE(°)Ø1/2
45°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=1430 120V=227 240V=169
CONSUMPTION(W)
24V=35 120V=39.2 240V=39
LUMINANCE(LM)
2940

OUTER DIMENSIONS (Unit: mm)



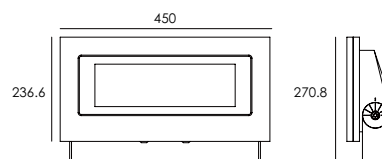
ITEM
B3HKA2158
LIGHT SOURCE
21×3W
SELECTED DEGREE(°)Ø1/2
45°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=2700 120V=502 240V=253
CONSUMPTION(W)
24V=65 120V=60.5 240V=58.8
LUMINANCE(LM)
4787

OUTER DIMENSIONS (Unit: mm)



ITEM
B3IKA3058
LIGHT SOURCE
30×2.8W
SELECTED DEGREE(°)Ø1/2
45°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=4000 120V=724 240V=383
CONSUMPTION(W)
24V=96 120V=86.8 240V=86.3
LUMINANCE(LM)
6053

OUTER DIMENSIONS (Unit: mm)



LED COLOUR TEMPERATURE

2000K · 3,000K · 6,000K

LENS

	FB11B4	9°	15°	20°
		30°	45°	60°
	FB12B5	9°	15°	20°
		30°	45°	60°

MATERIAL SPECIFICATION

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 2×1.0mm² L=3.0m(low voltage) H05RN-F 3×1.0mm² L=3.0m(high voltage)

DIMMABLE SUPPORT

WATER PROOF SOLUTION



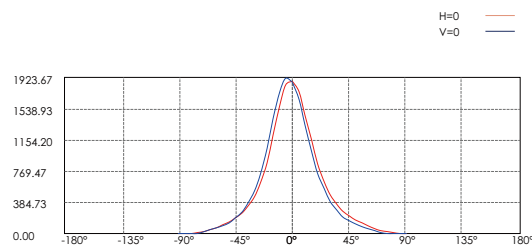
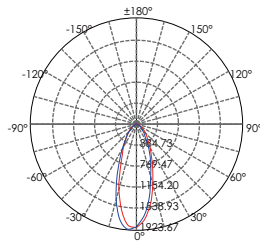
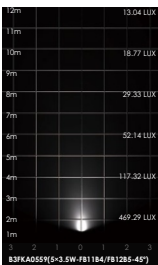
FEARURE



OVERVIEW



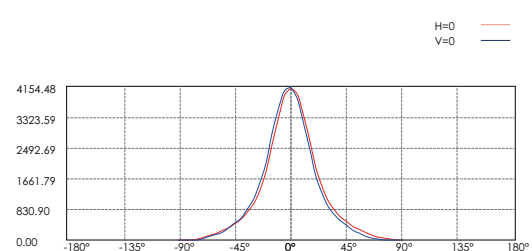
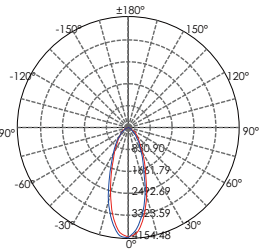
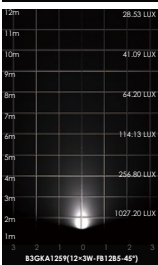
PHOTOMATIRC



Lux distance Curve

	Illuminance at a Distance	
	Center Beam LUX	Beam Width V H
2m	469.29 LUX	1.3m 1.3m
4m	117.32 LUX	2.7m 2.7m
6m	52.14 LUX	4.0m 4.0m
8m	29.33 LUX	5.4m 5.4m
10m	18.77 LUX	6.7m 6.7m
12m	13.04 LUX	8.1m 8.1m

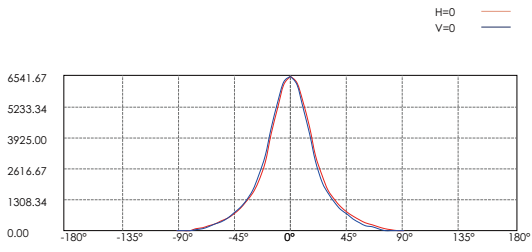
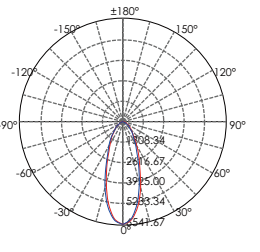
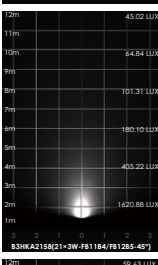
Vert.Spread:37.2 Horiz.Spread:37.3



Lux distance Curve

	Illuminance at a Distance	
	Center Beam LUX	Beam Width V H
2m	1027.20 LUX	1.4m 1.4m
4m	256.80 LUX	2.7m 2.7m
6m	114.13 LUX	4.1m 4.1m
8m	64.20 LUX	5.5m 5.5m
10m	41.09 LUX	6.9m 6.9m
12m	28.53 LUX	8.2m 8.2m

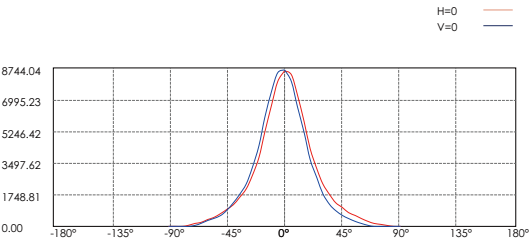
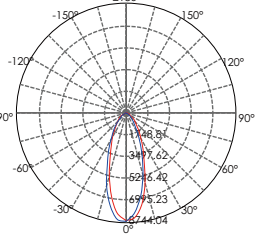
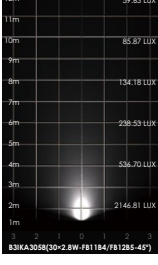
Vert.Spread:37.8 Horiz.Spread:37.9



Lux distance Curve

	Illuminance at a Distance	
	Center Beam LUX	Beam Width V H
2m	1620.88 LUX	1.4m 1.4m
4m	405.22 LUX	2.8m 2.8m
6m	180.10 LUX	4.1m 4.1m
8m	101.31 LUX	5.5m 5.5m
10m	64.84 LUX	6.9m 6.9m
12m	45.02 LUX	8.3m 8.3m

Vert.Spread:38.1 Horiz.Spread:38.2



Lux distance Curve

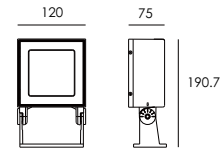
	Illuminance at a Distance	
	Center Beam LUX	Beam Width V H
2m	2146.81 LUX	1.4m 1.4m
4m	536.70 LUX	2.8m 2.8m
6m	238.53 LUX	4.1m 4.1m
8m	134.18 LUX	5.5m 5.5m
10m	85.87 LUX	6.9m 7.0m
12m	59.63 LUX	8.3m 8.4m

Vert.Spread:38.1 Horiz.Spread:38.4



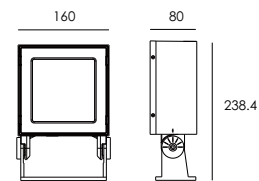
ITEM
B3EME0459
LIGHT SOURCE
4×3.5W
LENS
FB11B4
SELECTED DEGREE(°)θ1/2
30°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=630 120V=146 240V=73
CONSUMPTION(W)
24V=15 120V=17.5 240V=17
LUMINANCE(LM)
1206

OUTER DIMENSIONS (Unit: mm)



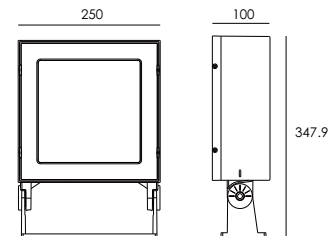
ITEM
B3FME0958
LIGHT SOURCE
9×3W
LENS
FB12B5
SELECTED DEGREE(°)θ1/2
30°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=1170 120V=245 240V=133
CONSUMPTION(W)
24V=28 120V=29.6 240V=30
LUMINANCE(LM)
2541

OUTER DIMENSIONS (Unit: mm)



ITEM
B3GME2558
LIGHT SOURCE
25×3W
LENS
FB11B4 / FB12B5
SELECTED DEGREE(°)θ1/2
30°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=3420 120V=596 240V=306
CONSUMPTION(W)
24V=82 120V=71.2 240V=71
LUMINANCE(LM)
5832

OUTER DIMENSIONS (Unit: mm)



LENS				
	FB11B4	9°	15°	20°
		30°	45°	60°
	FB12B5	9°	15°	20°
		30°	45°	60°

LED COLOUR TEMPERATURE	
2000K · 3,000K · 6,000K	

MATERIAL SPECIFICATION	
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 2×1.0mm² L=3.0m(low voltage) H05RN-F 3×1.0mm² L=3.0m(high voltage)
DIMMABLE SUPPORT	

WATER PROOF SOLUTION



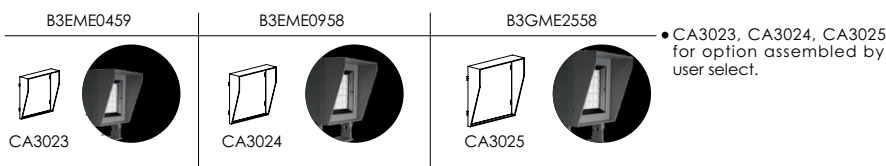
FEATURE



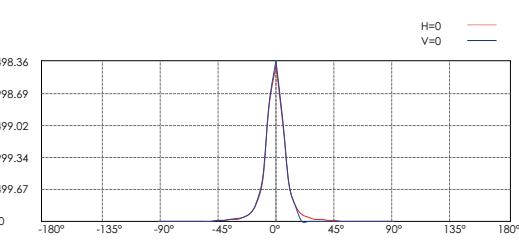
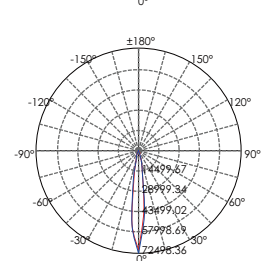
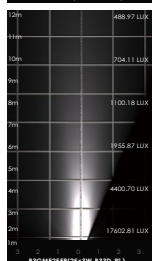
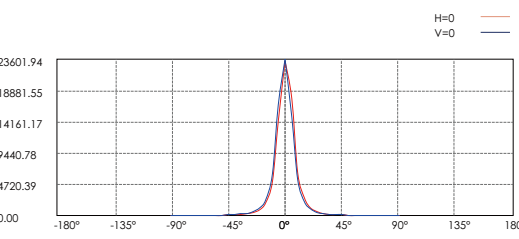
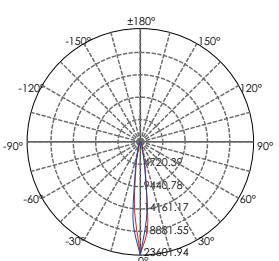
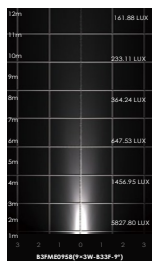
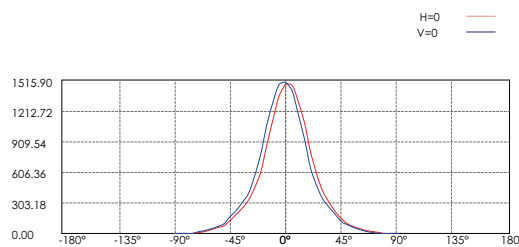
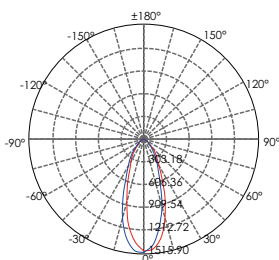
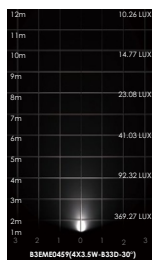
OVERVIEW



ACCESSORIES(Optional)



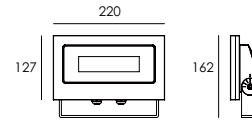
PHOTOMETRIC





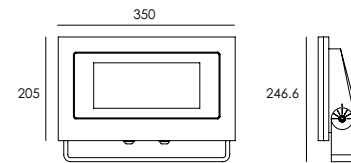
ITEM
C3FKA1057
LIGHT SOURCE
10×1.5W
LENS
C18
SELECTED DEGREE(°)θ1/2
94°×76°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=725 120V=174 240V=91
CONSUMPTION(W)
24V=17.4 120V=20 240V=20.1
LUMINANCE(LM)
1372

OUTER DIMENSIONS (Unit: mm)

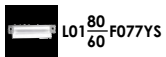


ITEM
C3HKA2157
LIGHT SOURCE
21×1.7W
LENS
C18
SELECTED DEGREE(°)θ1/2
80°×60°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=1470 120V=318 240V=91
CONSUMPTION(W)
24V=35 120V=20 240V=20.1
LUMINANCE(LM)
1372

OUTER DIMENSIONS (Unit: mm)



LENS



LED COLOUR TEMPERATURE

2000K · 3,000K · 6,000K

MATERIAL SPECIFICATION

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 2×1.0mm² L=3.0m (low voltage) H05RN-F 3×1.0mm² L=3.0m (high voltage)

DIMMABLE SUPPORT

FEATURE



Gear: The gear between the luminaire housing and the U bracket to prevent

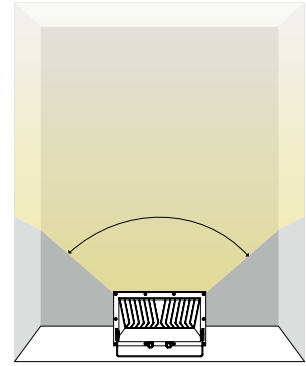
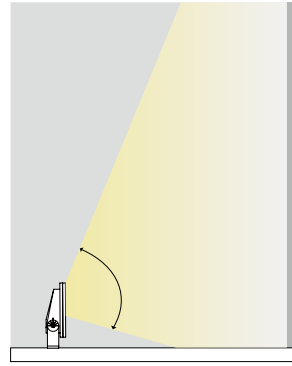
OVERVIEW



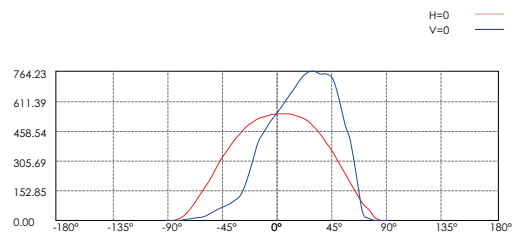
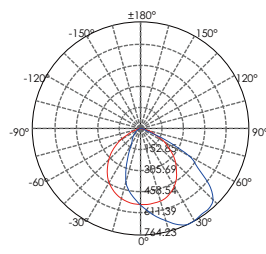
WATER PROOF SOLUTION



LIGHT APPLICATION

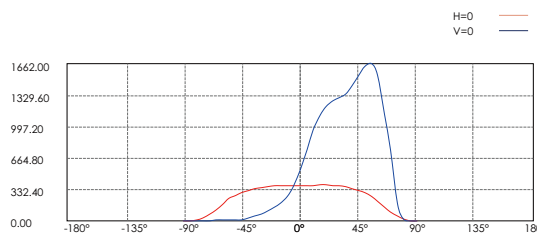
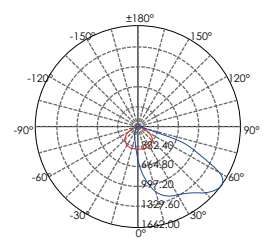
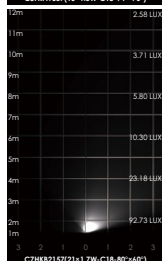


PHOTOMETRIC



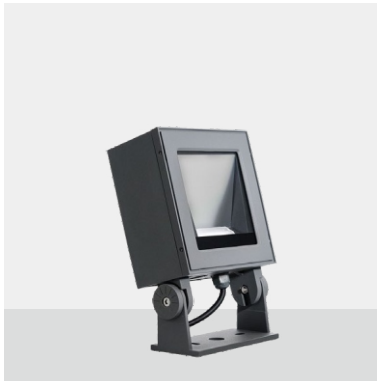
Lux distance Curve

	Illuminance at a Distance	
	Center Beam LUX	Beam Width V H
2m	136.34 LUX	4.3m 3.2m
4m	34.08 LUX	8.7m 6.3m
6m	15.15 LUX	13.0m 9.5m
8m	8.52 LUX	17.3m 12.6m
10m	5.45 LUX	21.7m 15.8m
12m	3.79 LUX	26.0m 18.9m
Vert.Spread:94.6		Horiz.Spread:76.5



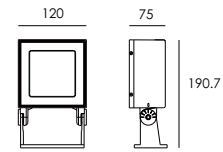
Lux distance Curve

	Illuminance at a Distance	
	Center Beam LUX	Beam Width V H
2m	92.73 LUX	3.6m 2.4m
4m	23.18 LUX	7.1m 4.8m
6m	10.30 LUX	10.7m 7.2m
8m	5.80 LUX	14.3m 9.6m
10m	3.71 LUX	17.8m 12.0m
12m	2.58 LUX	21.4m 14.4m
Vert.Spread:83.5		Horiz.Spread:62.1



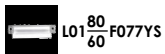
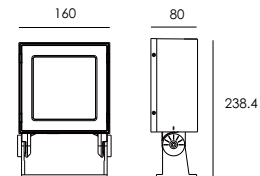
ITEM
C3EME0459
LIGHT SOURCE
4×3W NICHIA
LENS
C18
SELECTED DEGREE(°)θ1/2
65°×55°
INPUT VOLTAGE(V)
120/240V
OPERATING CURRENT(MA)
120V=106 240V=56
CONSUMPTION(W)
120V=12.6 240V=12.6
LUMINANCE(LM)
520

OUTER DIMENSIONS (Unit: mm)



ITEM
C3FME1057
LIGHT SOURCE
10×1.8W NICHIA
LENS
C18
SELECTED DEGREE(°)θ1/2
85°×55°
INPUT VOLTAGE(V)
120/240V
OPERATING CURRENT(MA)
120V=165 240V=93
CONSUMPTION(W)
120V=20 240V=20.9
LUMINANCE(LM)
680

OUTER DIMENSIONS (Unit: mm)



LED COLOUR TEMPERATURE

2000K · 3,000K · 6,000K

MATERIAL SPECIFICATION

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 2×1.0mm² L=3.0m (low voltage)
H05RN-F 3×1.0mm² L=3.0m (high voltage)

DIMMABLE SUPPORT

FEATURE



Gear: The gear between the luminaire housing and the U bracket to prevent sliding.

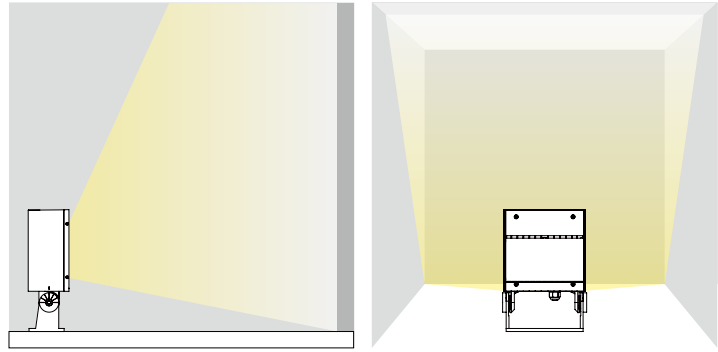
OVERVIEW



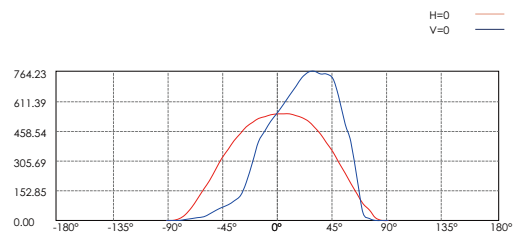
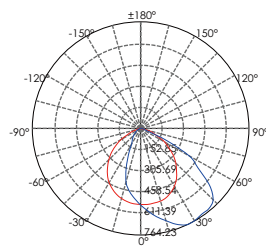
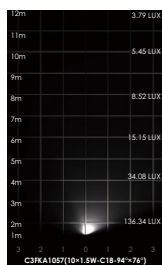
WATER PROOF SOLUTION



LIGHT APPLICATION

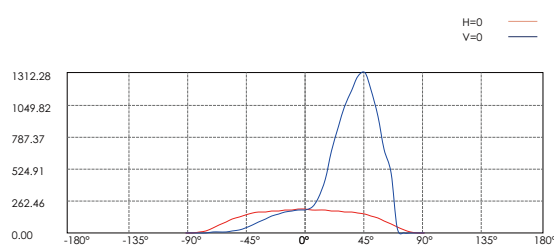
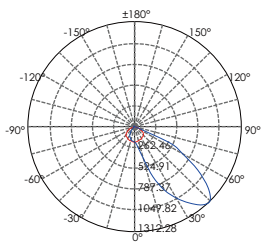
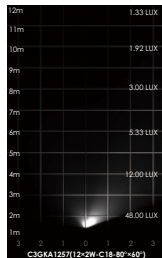


PHOTOMETRIC



Lux distance Curve

	Illuminance at a Distance	
	Center Beam LUX	Beam Width V H
2m	136.34 LUX	4.3m 3.2m
4m	34.08 LUX	8.7m 6.3m
6m	15.15 LUX	13.0m 9.5m
8m	8.52 LUX	17.3m 12.6m
10m	5.45 LUX	21.7m 15.8m
12m	3.79 LUX	26.0m 18.9m
Vert.Spread:94.6		Horiz.Spread:76.5



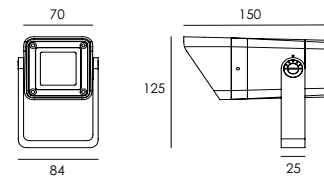
Lux distance Curve

	Illuminance at a Distance	
	Center Beam LUX	Beam Width V H
2m	48.00 LUX	3.3m 1.5m
4m	12.00 LUX	6.5m 3.0m
6m	5.33 LUX	9.8m 4.5m
8m	3.00 LUX	13.1m 6.0m
10m	1.92 LUX	16.3m 7.5m
12m	1.33 LUX	19.6m 9.0m
Vert.Spread:78.5		Horiz.Spread:41.0



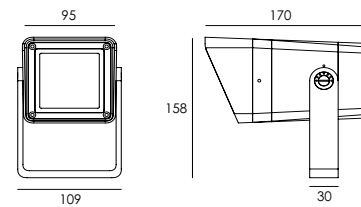
ITEM
B3DVU0127
LIGHT SOURCE
1×8W
LENS
B78
SELECTED DEGREE(°)Ø1/2
6°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=411 120V=86 240V=54
CONSUMPTION(W)
24V=9.18 120V=10 240V=10.4
LUMINANCE(LM)
540

OUTER DIMENSIONS (Unit: mm)



ITEM
B3DWU0460
LIGHT SOURCE
4×4W
LENS
FB11B4
SELECTED DEGREE(°)Ø1/2
20°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=795 120V=142 240V=78
CONSUMPTION(W)
24V=19 120V=17 240V=17.4
LUMINANCE(LM)
1227

OUTER DIMENSIONS (Unit: mm)



LED COLOUR TEMPERATURE

2000K · 3,000K · 6,000K

LENS				
	B33 B33D/B33F	9°	15°	20°
		30°	45°	60°
	B59	10°	15°	22°

MATERIAL SPECIFICATION

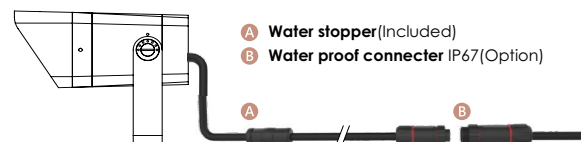
HOUSING	12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	Tempered glass, T=3mm
LED	NICHIA
LED DRIVER	Constant Voltage Input, Constant Current Output
CABLE GLAND	IP68 PG-9 PA66
GASKET	Tooling shaped seal
POWER CABLE	H05RN-F 2×1.0mm² L=3.0m (low voltage) H05RN-F 3×1.0mm² L=3.0m (high voltage)

DIMMABLE SUPPORT

OVERVIEW



WATER PROOF SOLUTION



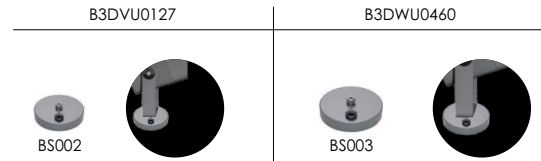
ACCESSORIES(Optional)

SPIKE



- PC/ABS alloys for option assembled by user select.
- Stainless Steel and the others for option.
- Please refer to p.32 to see more spike specification and options.

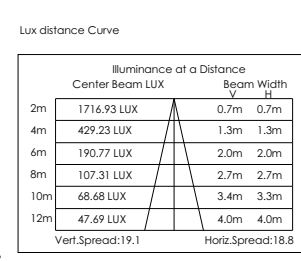
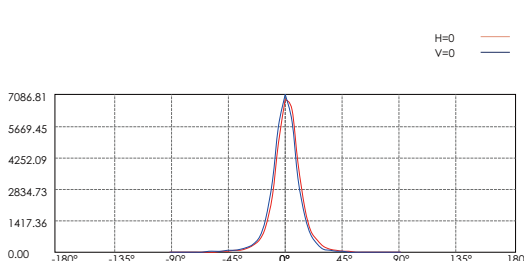
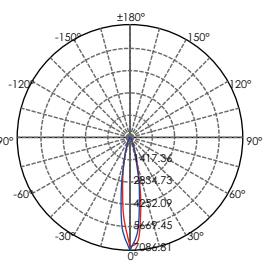
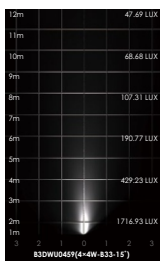
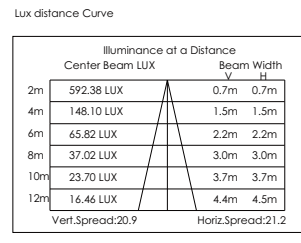
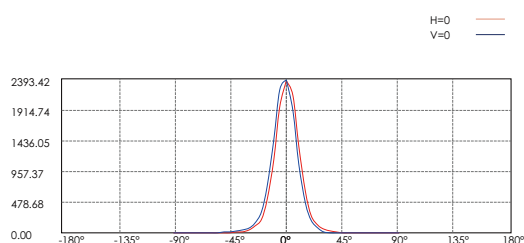
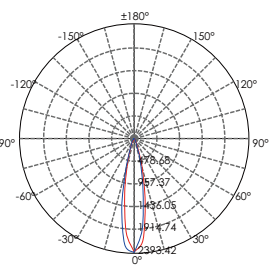
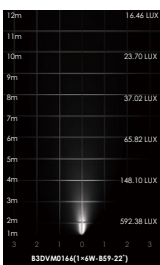
MOUNTING BASE



- Mounting base for option assembled by user select.



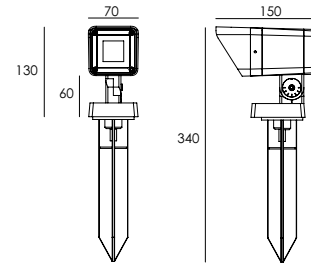
PHOTOMATIRC





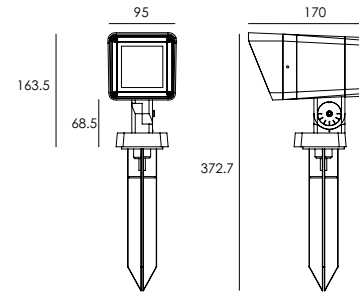
ITEM
B3DVB0167
LIGHT SOURCE
1×6W
LENS
B78
SELECTED DEGREE(°)θ1/2
6°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=411 120V=86 240V=54
CONSUMPTION(W)
24V=9.8 120V=10 240V=10.4
LUMINANCE(LM)
24V=540 240V=442

OUTER DIMENSIONS (Unit: mm)



ITEM
B3DWB0460
LIGHT SOURCE
4×4W
LENS
FB11B4
SELECTED DEGREE(°)θ1/2
20°
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=795 120V=142 240V=78
CONSUMPTION(W)
24V=19 120V=17 240V=17.4
LUMINANCE(LM)
1227

OUTER DIMENSIONS (Unit: mm)



LED COLOUR TEMPERATURE

2000K · 3,000K · 6,000K

LENS

	B33 B33D/B33F	9°	15°	20°
		30°	45°	60°
	B59	10°	15°	22°

MATERIAL SPECIFICATION

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 2×1.0mm ² L=3.0m (low voltage) H05RN-F 3×1.0mm ² L=3.0m (high voltage)

DIMMABLE SUPPORT

SPIKE TEXTURE AND ASSEMBLED EXPLANATION

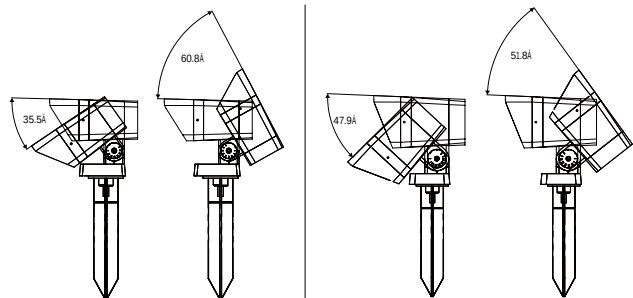


- PC/ABS alloys for option assembled by manufacture.
- Stainless Steel and the others for option.
- Please refer to see more spike specification and options.
- This product shares 7 series Mounting base, please refer to



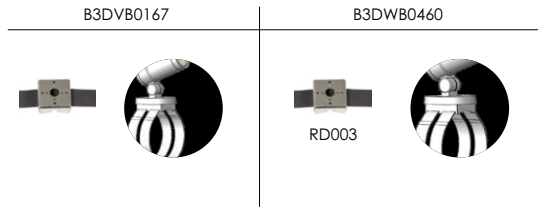
ADJUSTABLE BEAM DIRECTION

Approximately



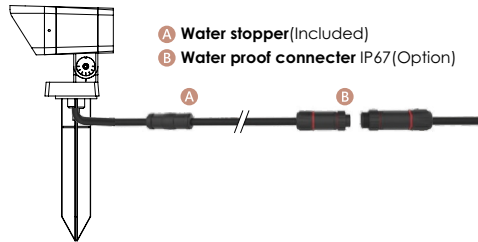
ACCESSORIES(Optional)

SPIKE

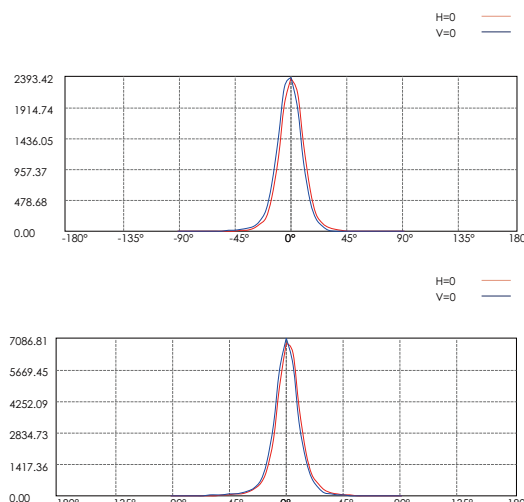
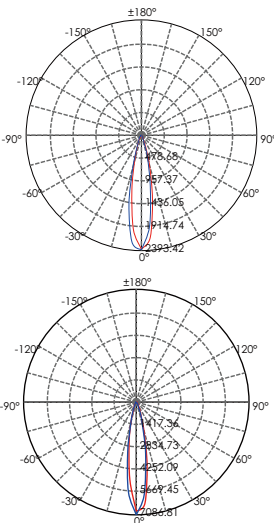
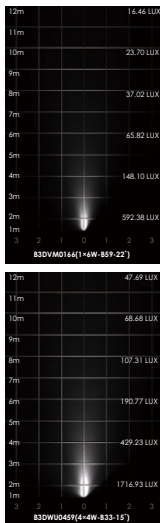


- PC/ABS alloys for option assembled by user select.
- Stainless Steel and the others for option.
- Please refer to p.34 to see more spike specification and options.

WATER PROOF SOLUTION



PHOTOMATIRC



Lux distance Curve

Illuminance at a Distance		
Center Beam LUX	Beam Width V	H
2m	592.38 LUX	0.7m 0.7m
4m	148.10 LUX	1.5m 1.5m
6m	65.82 LUX	2.2m 2.2m
8m	37.02 LUX	3.0m 3.0m
10m	23.70 LUX	3.7m 3.7m
12m	16.46 LUX	4.4m 4.5m
Vert.Spread:20.9 Horiz.Spread:21.2		

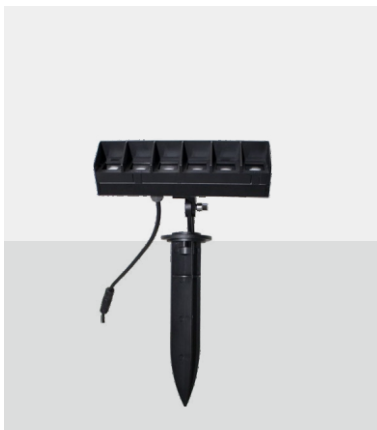
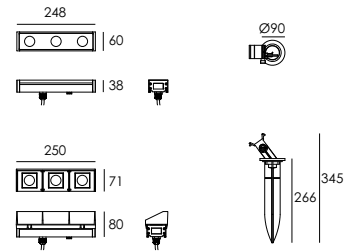
Lux distance Curve

Illuminance at a Distance		
Center Beam LUX	Beam Width V	H
2m	1716.93 LUX	0.7m 0.7m
4m	429.23 LUX	1.3m 1.3m
6m	190.77 LUX	2.0m 2.0m
8m	107.31 LUX	2.7m 2.7m
10m	68.68 LUX	3.4m 3.3m
12m	47.69 LUX	4.0m 4.0m
Vert.Spread:19.1 Horiz.Spread:18.8		



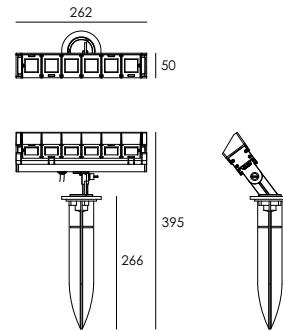
ITEM	B3LA0366
LIGHT SOURCE	3x7.2W NICHIA
LENS	A24A
SELECTED DEGREE(°)	15°
INPUT VOLTAGE(V)	DC24V
OPERATING CURRENT(MA)	1153
CONSUMPTION(W)	27.7
LUMINANCE(LM)	1745
IK	05

OUTER DIMENSIONS (Unit: mm)



ITEM	B3KA0657
LIGHT SOURCE	6x2W OSRAM
LENS	B17
SELECTED DEGREE(°)	20°
INPUT VOLTAGE(V)	DC24V
OPERATING CURRENT(MA)	491
CONSUMPTION(W)	11.8
LUMINANCE(LM)	677
IK	06

OUTER DIMENSIONS (Unit: mm)



LED COLOUR TEMPERATURE

3,000K • 6,000K

LENS

A24A	15°	30°	15°x30°
	15°x45°		
B17	15°	20°	30°
	50°		

MATERIAL SPECIFICATION

Housing	Extruded aluminum, powder coated
Lens	58% transmittance, tempered
Light Window	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
Power Cable	H05RN-F 2x1.0mm² L=3.0m
SPIKE	ABS spike 7C

HOUSING COLOR OPTION

Basic

Dark Grey
KAP 7037

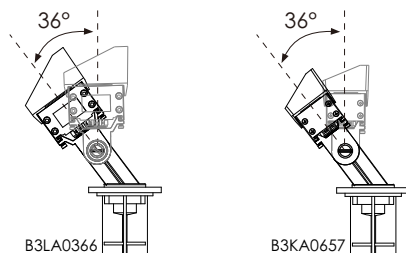
Secondary

Silver Grey
KAP 9022

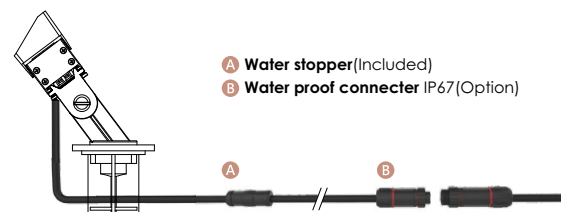
Sanded Black
RAL 9005

ADJUSTABLE BEAM DIRECTION

Approximately

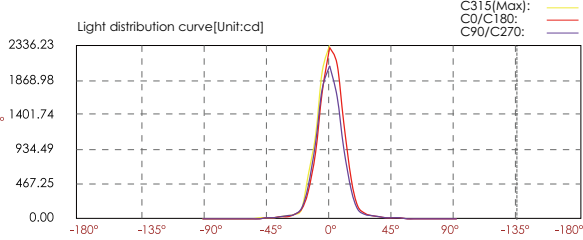
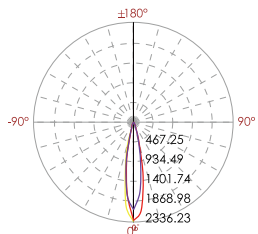
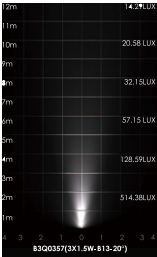


WATER PROOF SOLUTION



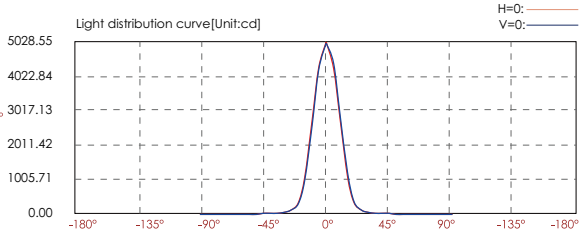
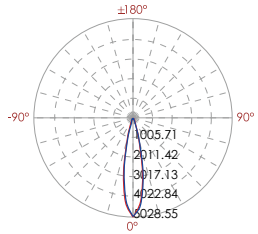
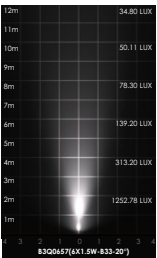


PHOTOMATIRC



Lux distance cure

Illuminance at a distance			
Center beam LUX	Beam width V	H	
2m	514.38 LUX	0.7m	0.6m
4m	128.59 LUX	1.4m	1.2m
6m	57.15 LUX	2.0m	1.9m
8m	32.15 LUX	2.7m	2.5m
10m	20.58 LUX	3.4m	3.1m
12m	14.29 LUX	4.1m	3.7m
Ver.Spread:19.4		Horiz.Spread:17.6	



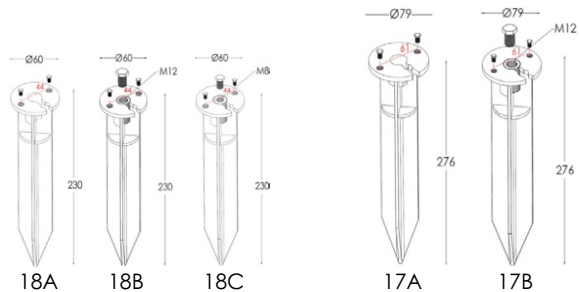
Lux distance cure

Illuminance at a distance			
Center beam LUX	Beam width V	H	
2m	1252.78 LUX	0.8m	0.8m
4m	313.20 LUX	1.5m	1.5m
6m	139.20 LUX	2.3m	2.3m
8m	78.30 LUX	3.0m	3.0m
10m	50.11 LUX	3.8m	3.8m
12m	34.80 LUX	4.6m	4.6m
Ver.Spread:21.6		Horiz.Spread:21.5	

PC/ABS alloys

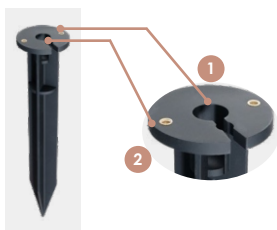


OUTER DIMENSIONS (Unit: mm)



Spike assemble features

A type



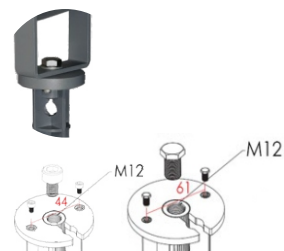
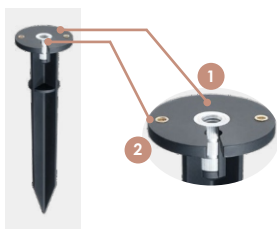
18A

B3DV0166

17A

B3TPS0171

B type



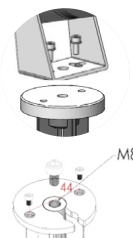
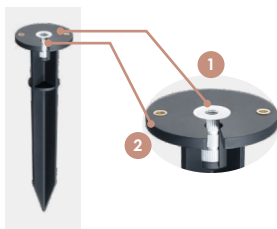
18B

B3DVU0127

17B

B3CJU0657

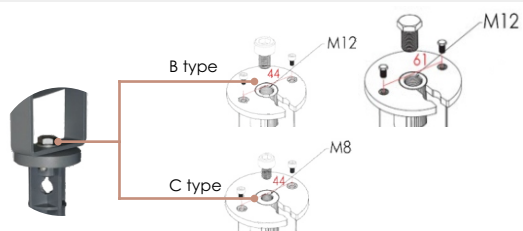
C type

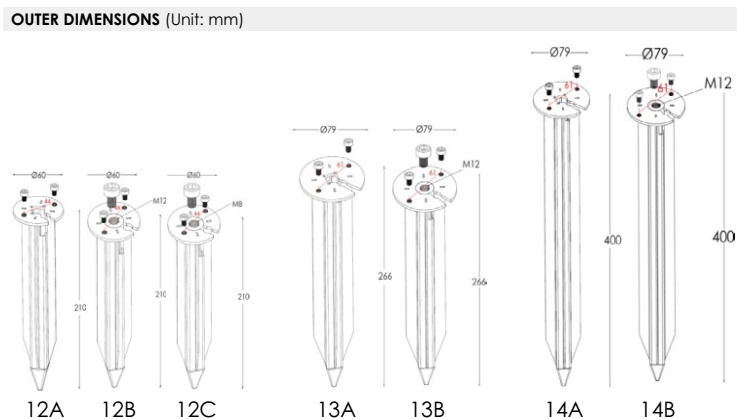


18C

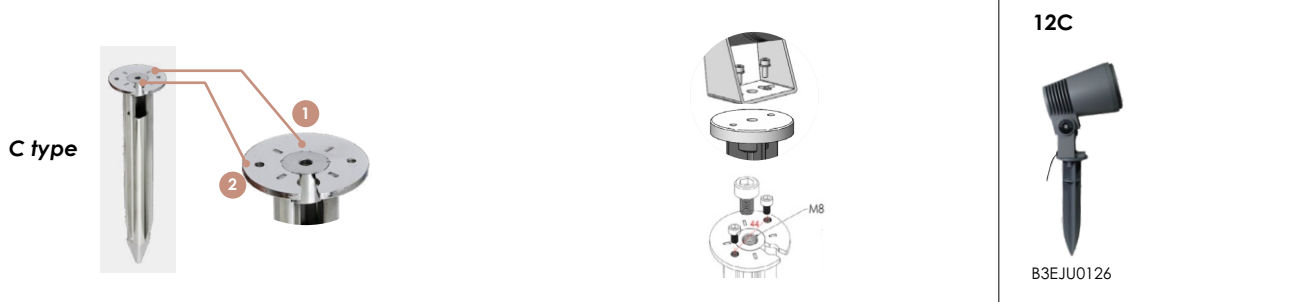
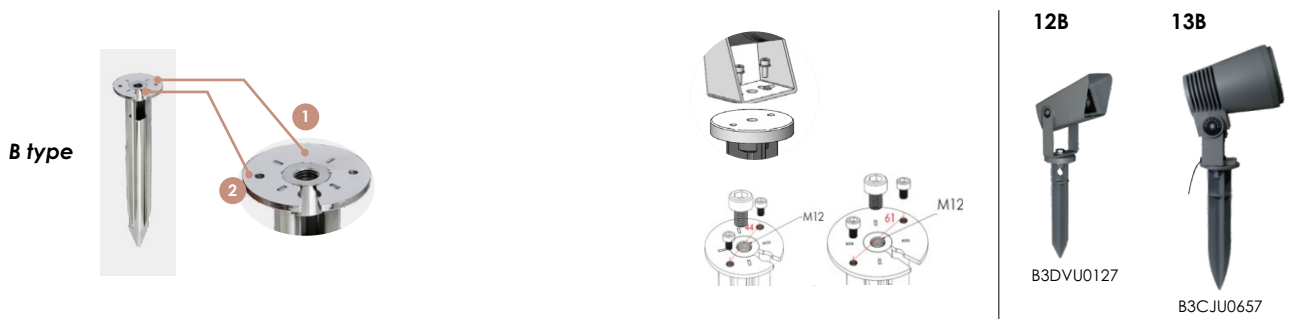
B3EJU0126

Screw type

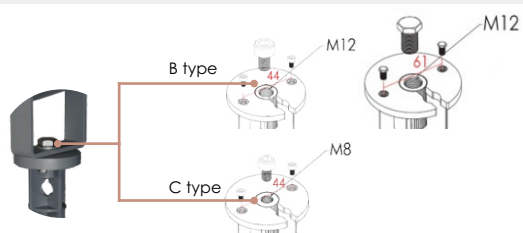




Assemble features



Screw type



OUTER DIMENSIONS(Unit: mm)



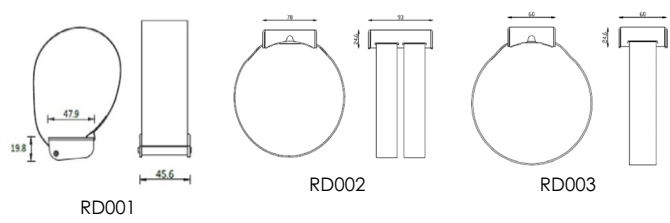
RD001



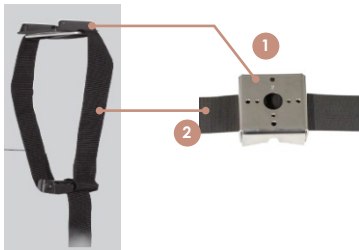
RD002



RD003



Assemble features

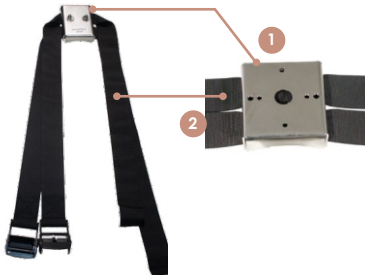


RD001

1. The belt head was made by stainless steel.
2. The bandage is made of polyester-cotton. It is made of 65%-67% polyester and 33%-35% cotton blended yarn.



B3ACZ0158

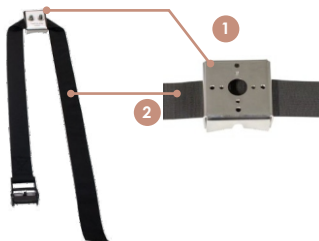


RD002

1. The belt head was made by stainless steel.
2. The bandage is made of polyester-cotton. It is made of 65%-67% polyester and 33%-35% cotton blended yarn.

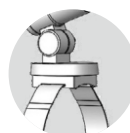


R3CJU0171

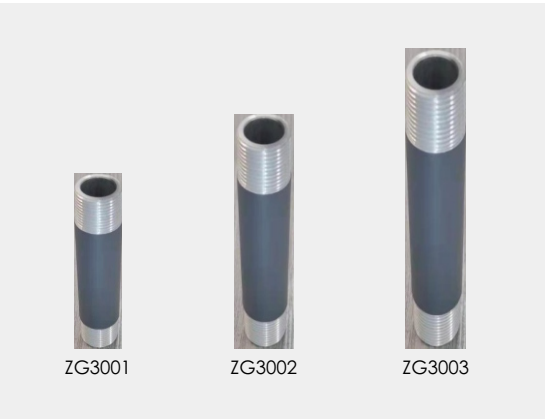


RD003

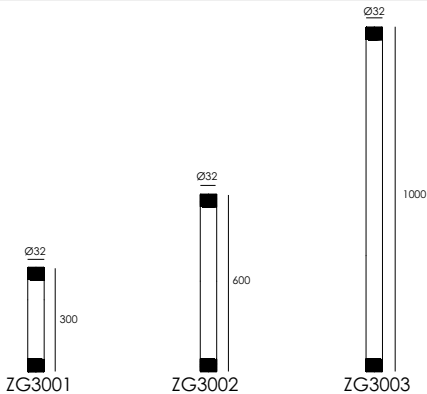
1. The belt head was made by stainless steel.
2. The bandage is made of polyester-cotton. It is made of 65%-67% polyester and 33%-35% cotton blended yarn.



B3TMS0158

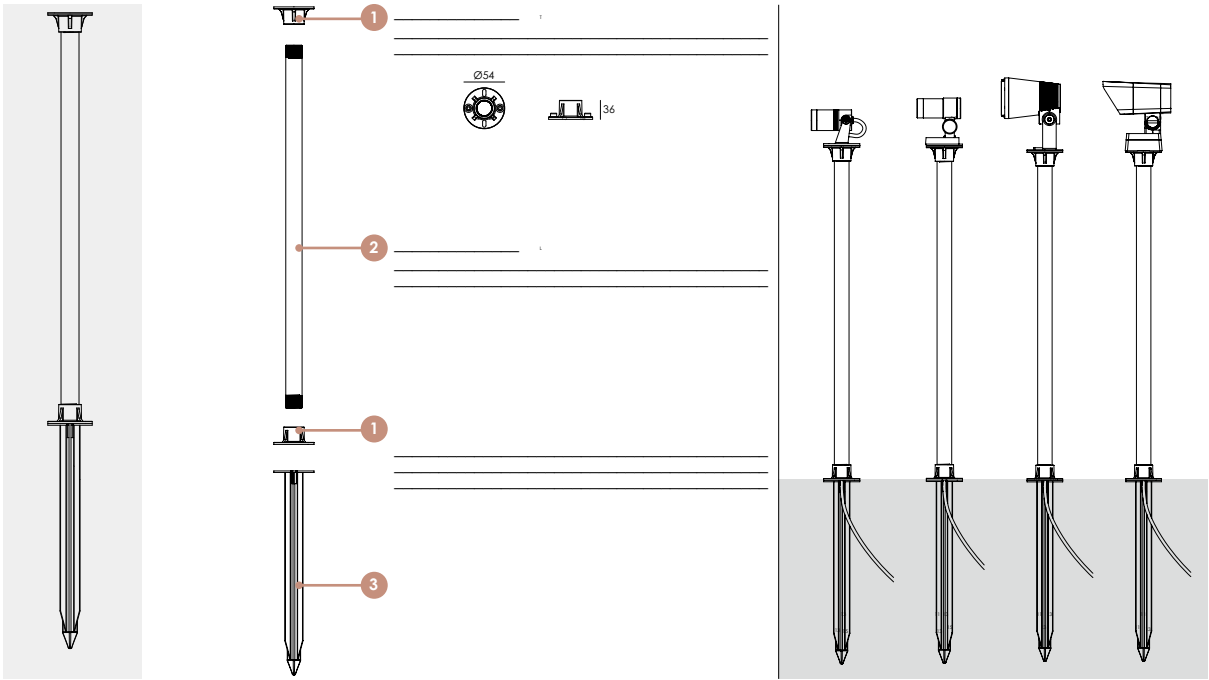


OUTER DIMENSIONS(Unit: mm)

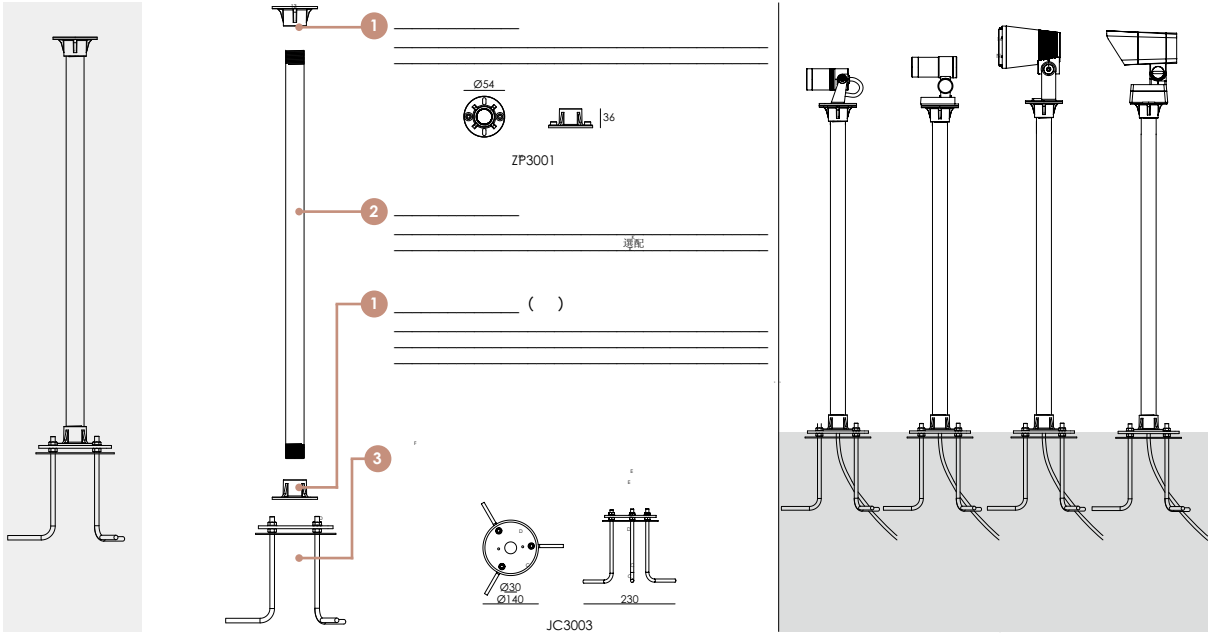


Assemble features

Type 1



Type 2

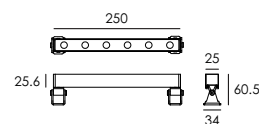




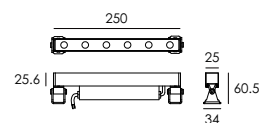
ITEM	B6JD0656
LIGHT SOURCE	6×1W
LENS	B38
THE MANUFACTURER	SELECTED LENS DEGREE(°)θ1/2
	30°
LENGTH(MM)	250
INPUT VOLTAGE(V)	DC 24V 120/240V
OPERATING CURRENT(MA)	24V=3.5 120V=50 240V=30
CONSUMPTION(W)	24V=7.3 120V=6 240V=6.5
LUMINANCE(LM)	low voltage: CW=410 WW=350
	high voltage: CW=540 WW=432
IK	02

OUTER DIMENSIONS (Unit: mm)

(low voltage)



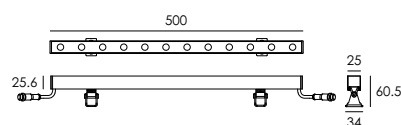
(high voltage)



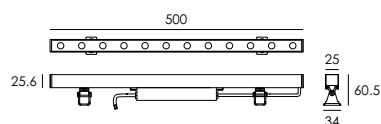
ITEM	B6JD1256
LIGHT SOURCE	12×1W
LENS	B38
THE MANUFACTURER	SELECTED LENS DEGREE(°)θ1/2
	30°
LENGTH(MM)	500
INPUT VOLTAGE(V)	DC 24V 120/240V
OPERATING CURRENT(MA)	24V=610 120V=130 240V=65
CONSUMPTION(W)	24V=14.5 120V=15.0 240V=15.0
LUMINANCE(LM)	low voltage: CW=820 WW=700
	high voltage: CW=1080 WW=864
IK	02

OUTER DIMENSIONS (Unit: mm)

(low voltage)



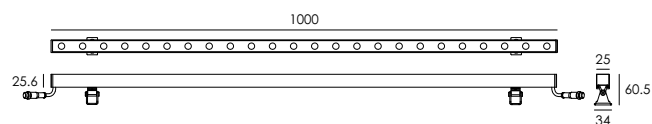
(high voltage)



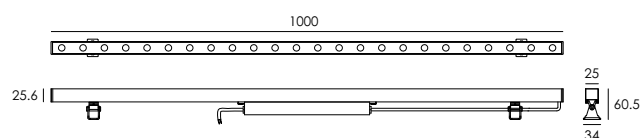
ITEM	B6JD2456
LIGHT SOURCE	24×1W
LENS	B38
THE MANUFACTURER	SELECTED LENS DEGREE(°)θ1/2
	30°
LENGTH(MM)	1000
INPUT VOLTAGE(V)	DC 24V 120/240V
OPERATING CURRENT(MA)	24V=1220 120V=295 240V=163
CONSUMPTION(W)	24V=29 120V=35 240V=35
LUMINANCE(LM)	low voltage: CW=1660 WW=1413
	high voltage: CW=2140 WW=1976
IK	02

OUTER DIMENSIONS (Unit: mm)

(low voltage)

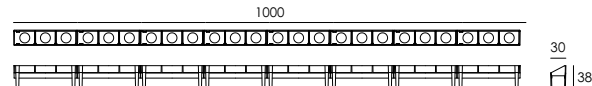
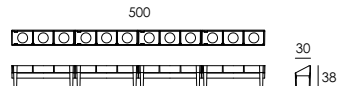
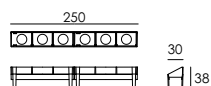


(high voltage)



ACCESSORIES OUTER DIMENSIONS (Unit: mm)

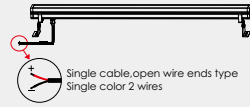
6001#



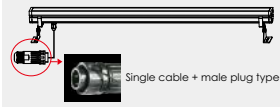
CONNECTON

LOW VOLTAGE INPUT (24VDC) POWER CABLE TYPE

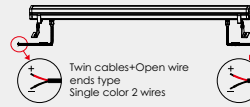
LSO type



LSP type



LTO type

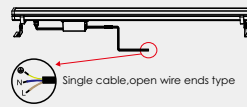


LTPS type

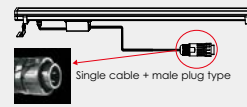


HIGH VOLTAGE INPUT (100V-240V) POWER CALBE WIRING TYPE

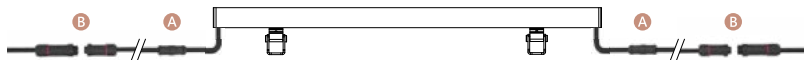
HSD type



HSP type



WATER PROOF SOLUTION



A Water stopper (Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is needed to prevent the water vapor go in.

B IP65 Jiffy quick plug/socket connector (Option)

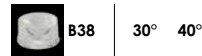
To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.



LED COLOUR TEMPERATURE

2,000K · 3,000K · 6,000K

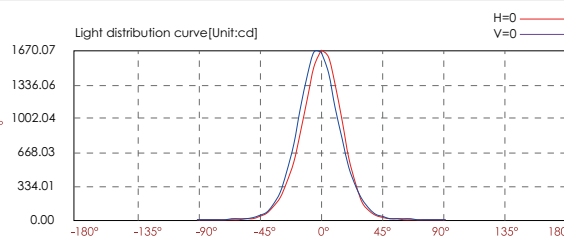
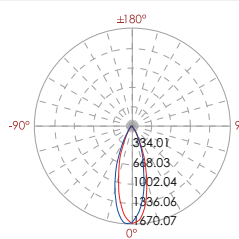
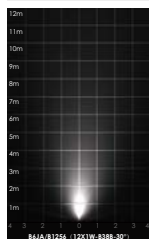
LENS



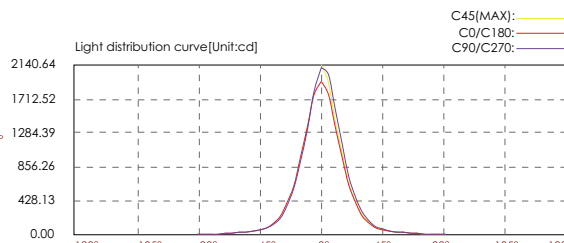
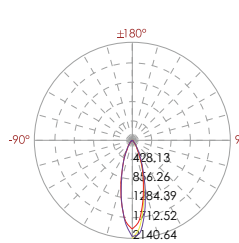
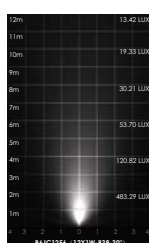
DATASHEET

	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) H03VV-F 3X1.0mm² L=0.5m (high voltage)
DIMMABLE SURPPORT	Triac PWM 1-10V Dali

PHOTOMETRIC CURVES



Illuminance at a distance			
Center beam LUX	Beam width	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	



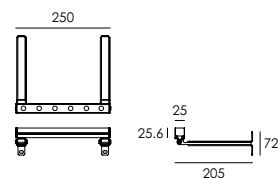
Illuminance at a distance			
Center beam LUX	Beam width	V	H
2m	483.29 LUX	1.0m	1.0m
4m	120.82 LUX	2.1m	2.0m
6m	53.70 LUX	3.1m	3.0m
8m	30.21 LUX	5.2m	3.9m
10m	19.33 LUX	5.2m	4.9m
12m	13.42 LUX	6.2m	5.9m
Ver.Spread:29.2		Horiz.Spread:27.7	



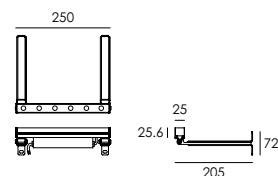
ITEM	B6JE0656
LIGHT SOURCE	6×1W
LENS	B38
THE MANUFACTURER	SELECTED LENS DEGREE(°)θ1/2
	30°
LENGTH(MM)	250
INPUT VOLTAGE(V)	DC 24V 120/240V
OPERATING CURRENT(MA)	24V=3.5 120V=50 240V=30
CONSUMPTION(W)	24V=7.3 120V=6 240V=6.5
LUMINANCE(LM)	low voltage: CW=410 WW=350
	high voltage: CW=540 WW=432
IK	02

OUTER DIMENSIONS (Unit: mm)

(low voltage)



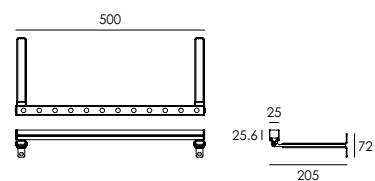
(high voltage)



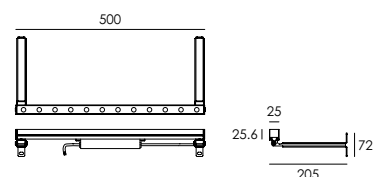
ITEM	B6JE1256
LIGHT SOURCE	12×1W
LENS	B38
THE MANUFACTURER	SELECTED LENS DEGREE(°)θ1/2
	30°
LENGTH(MM)	500
INPUT VOLTAGE(V)	DC 24V 120/240V
OPERATING CURRENT(MA)	24V=610 120V=130 240V=65
CONSUMPTION(W)	24V=14.5 120V=15.0 240V=15.0
LUMINANCE(LM)	low voltage: CW=820 WW=700
	high voltage: CW=1080 WW=864
IK	02

OUTER DIMENSIONS (Unit: mm)

(low voltage)



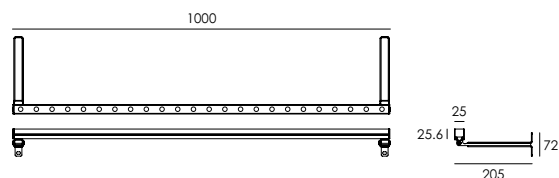
(high voltage)



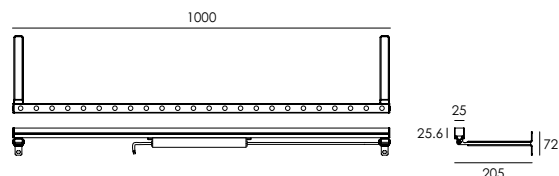
ITEM	B6JE2456
LIGHT SOURCE	24×1W
LENS	B38
THE MANUFACTURER	SELECTED LENS DEGREE(°)θ1/2
	30°
LENGTH(MM)	1000
INPUT VOLTAGE(V)	DC 24V 120/240V
OPERATING CURRENT(MA)	24V=1220 120V=295 240V=163
CONSUMPTION(W)	24V=29 120V=35 240V=35
LUMINANCE(LM)	low voltage: CW=1660 WW=1413
	high voltage: CW=2140 WW=1976
IK	02

OUTER DIMENSIONS (Unit: mm)

(low voltage)

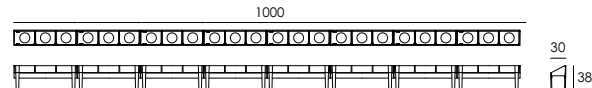
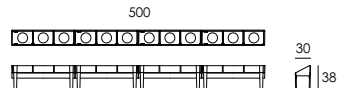
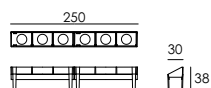


(high voltage)



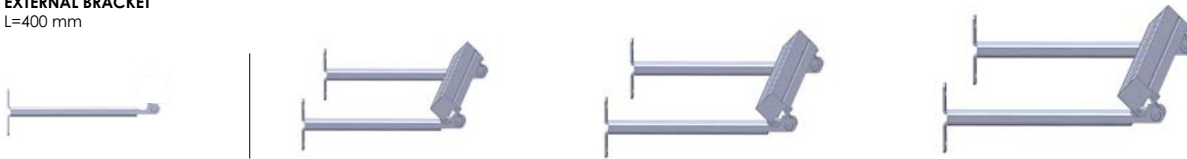
ACCESSORIES OUTER DIMENSIONS (Unit: mm)

6001#



EXTERNAL BRACKET

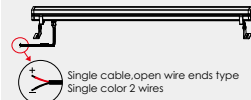
L=400 mm



CONNECTOR

LOW VOLTAGE INPUT (24VDC) POWER CABLE TYPE

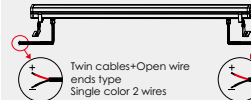
LSO type



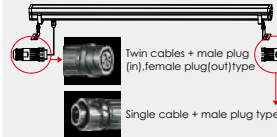
LSP type



LTO type

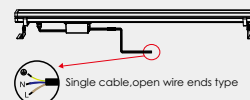


LTPS type

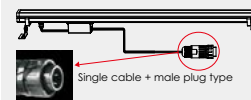


HIGH VOLTAGE INPUT (100V-240V) POWER CABLE WIRING TYPE

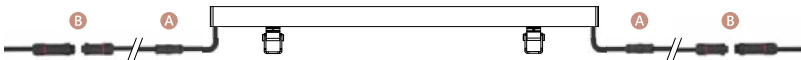
HSO type



HSP type



WATER PROOF SOLUTION



A Water stopper (Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is needed to prevent the water vapor go in.

B IP65 Jiffy quick plug/socket connector (Option)

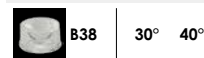
To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.



LED COLOUR TEMPERATURE

2,000K · 3,000K · 6,000K

LENS



DATASHEET

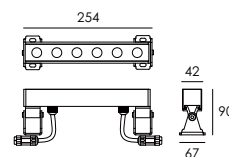
HOUSING	Extruded aluminum anodized finishing or powder painting
LENS	Optical lens efficiency ≥ 85%
LIGHT WINDOW	Tempered glass, T=3mm
GASKET	Glass and housing are silicone sealed
LED	Single color ORSAM LED
OPERATING TEMPERATURE	-20°C ~ 40°C
BRACKET	Hard chrome plated stainless steel SUS 304#
POWER CABLE	H03VV-F 2X0.75mm² L=0.25m (low voltage) H03VV-F 3X1.0mm² L=0.5m (high voltage)
DIMMABLE SUPPORT	Triac PWM 1-10V Dali



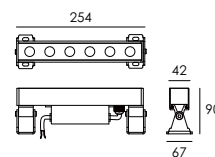
ITEM
B6KD0657
LIGHT SOURCE
6×1.8W
LENS
B17
THE MANUFACTURER
SELECTED LENS DEGREE(°) θ1/2
20°
LENGTH(MM)
254
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=580 120V=95 240V=50
CONSUMPTION(W)
24V=14 120V=11 240V=11.2
LUMINANCE(LM)
low voltage: CW=800 WW=724
high voltage: CW=760 WW=700
IK
05

OUTER DIMENSIONS (Unit: mm)

(low voltage)



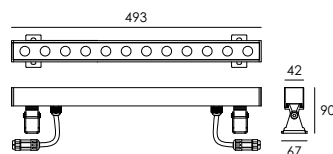
(high voltage)



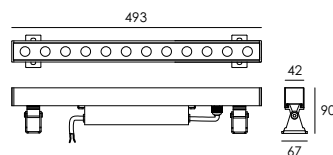
ITEM
B6KD1257
LIGHT SOURCE
12×1.5W
LENS
B17
THE MANUFACTURER
SELECTED LENS DEGREE(°) θ1/2
20°
LENGTH(MM)
493
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=1000 120V=203 240V=109
CONSUMPTION(W)
24V=24 120V=24.4 240V=25.5
LUMINANCE(LM)
low voltage: CW=1485 WW=1263
high voltage: CW=1637 WW=1392
IK
05

OUTER DIMENSIONS (Unit: mm)

(low voltage)



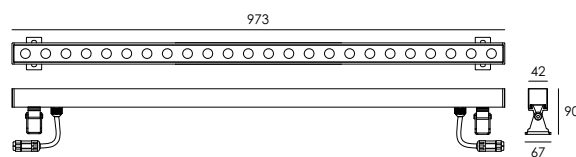
(high voltage)



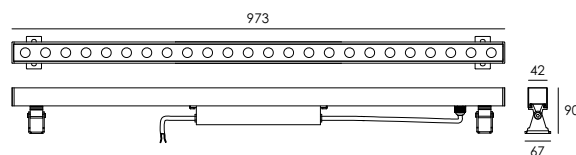
ITEM
B6KD2457
LIGHT SOURCE
24×1.5W
LENS
B17
THE MANUFACTURER
SELECTED LENS DEGREE(°) θ1/2
30°
LENGTH(MM)
973
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=1985 120V=414 240V=212
CONSUMPTION(W)
24V=47 120V=48.0 240V=48.3
LUMINANCE(LM)
low voltage: CW=2900 WW=2470
high voltage: CW=3270 WW=2780
IK
05

OUTER DIMENSIONS (Unit: mm)

(low voltage)

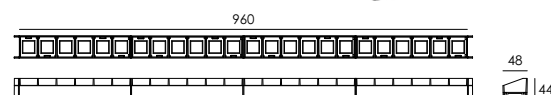
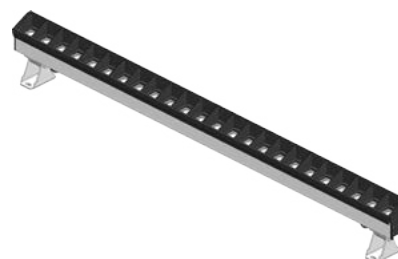
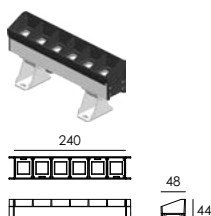


(high voltage)



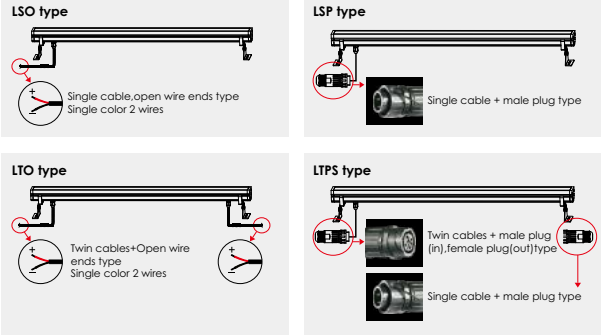
ACCESSORIES OUTER DIMENSIONS (Unit: mm)

6004#

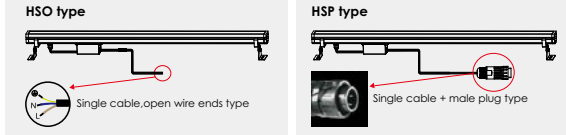


CONNECTON

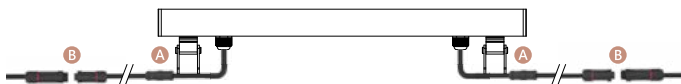
LOW VOLTAGE INPUT (24VDC) POWER CORD MODEL



HIGH VOLTAGE INPUT (100V-240V) POWER CORD WIRING MODEL



WATER PROOF SOLUTION



A Water stopper (Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is needed to prevent the water vapor go in.

B IP65 Jiffy quick plug/socket connector (Option)

To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

LED COLOUR TEMPERATURE

2,000K · 3,000K · 6,000K

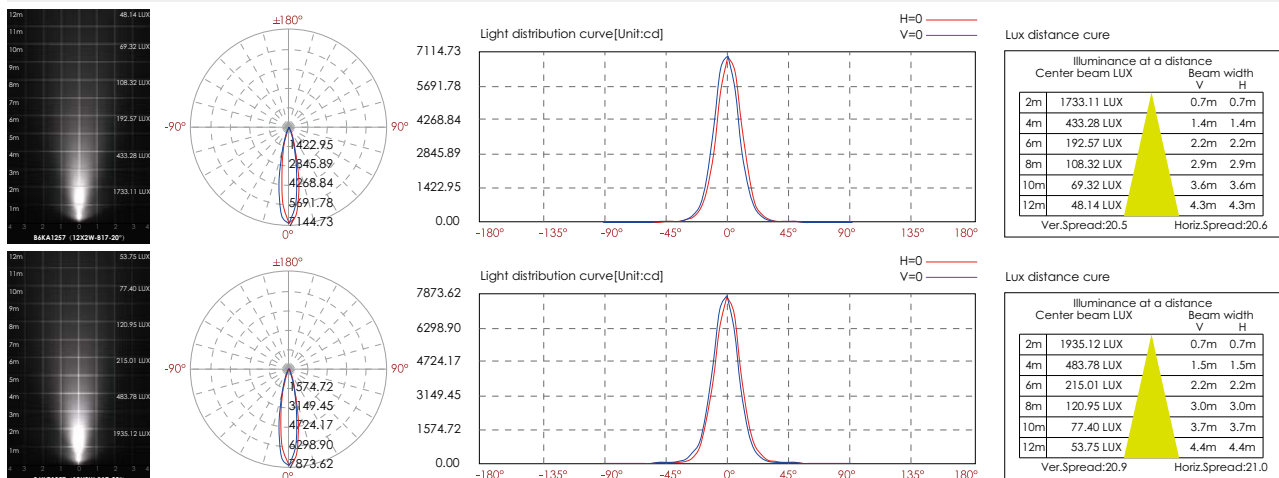
LENS

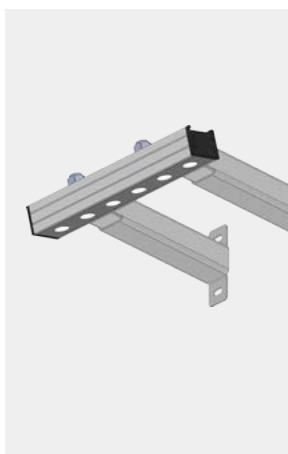


DATASHEET

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 chrome plated stainless steel SUS 304#
POWER CABLE	H03VV-F 2X0.75mm² L=0.25m (low voltage) H03VV-F 3X0.1mm² L=0.5m (high voltage)
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

PHOTOMETRIC CURVES

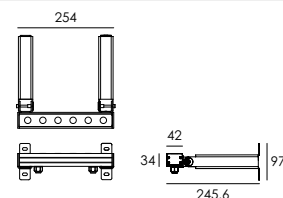




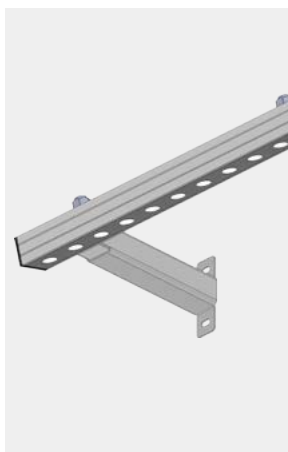
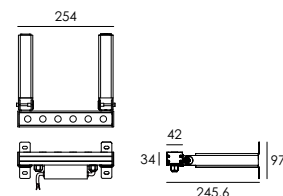
ITEM
B6KE0657
LIGHT SOURCE
6×1.8W
LENS
B17
THE MANUFACTURER
SELECTED LENS DEGREE(°)θ1/2
20°
LENGTH(MM)
254
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=580 120V=95 240V=50
CONSUMPTION(W)
24V=14 120V=11 240V=11.2
LUMINANCE(LM)
low voltage: CW=800 WW=724
high voltage: CW=760 WW=700
IK
05

OUTER DIMENSIONS (Unit: mm)

(low voltage)



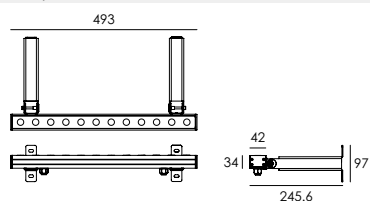
(high voltage)



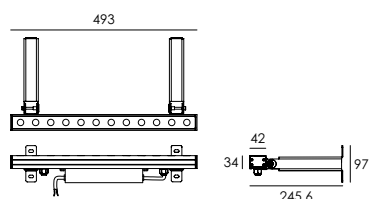
ITEM
B6KE1257
LIGHT SOURCE
12×1.5W
LENS
B17
THE MANUFACTURER
SELECTED LENS DEGREE(°)θ1/2
20°
LENGTH(MM)
493
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=1000 120V=203 240V=109
CONSUMPTION(W)
24V=24 120V=24.4 240V=25.5
LUMINANCE(LM)
low voltage: CW=1485 WW=1263
high voltage: CW=1637 WW=1392
IK
05

OUTER DIMENSIONS (Unit: mm)

(low voltage)



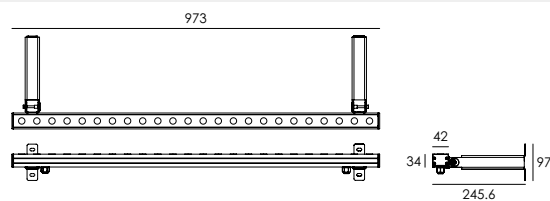
(high voltage)



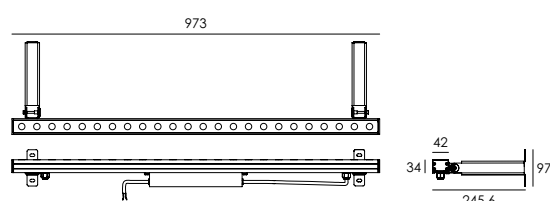
ITEM
B6KE2457
LIGHT SOURCE
24×1.5W
LENS
B17
THE MANUFACTURER
SELECTED LENS DEGREE(°)θ1/2
30°
LENGTH(MM)
973
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=1985 120V=414 240V=212
CONSUMPTION(W)
24V=47 120V=48.0 240V=48.3
LUMINANCE(LM)
low voltage: CW=2900 WW=2470
high voltage: CW=3270 WW=2780
IK
05

OUTER DIMENSIONS (Unit: mm)

(low voltage)

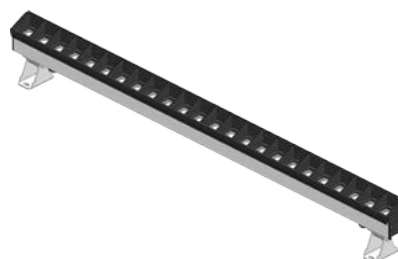
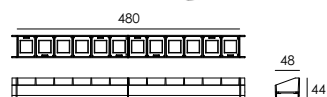
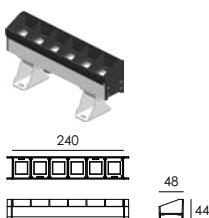


(high voltage)

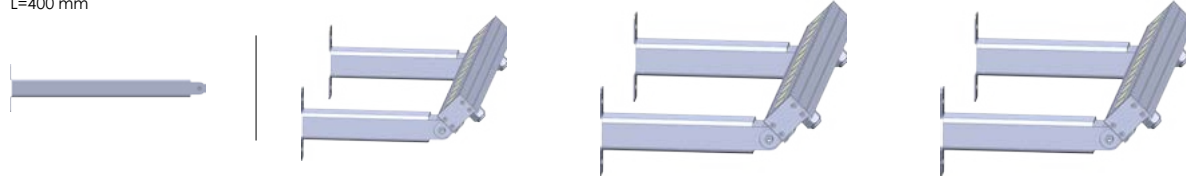


ACCESSORIES OUTER DIMENSIONS (Unit: mm)

6004#

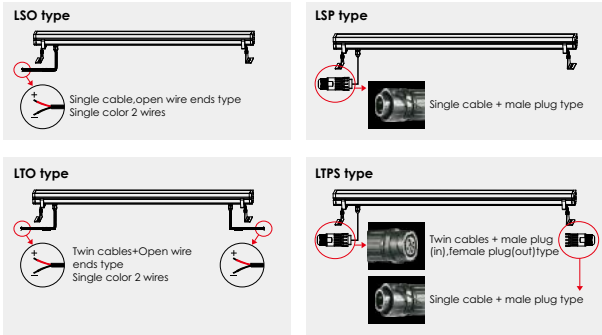


EXTERNAL BRACKET L=400 mm



CONNECTOR

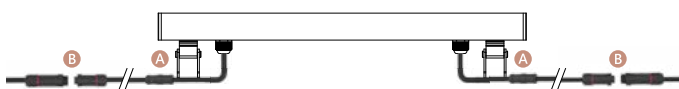
LOW VOLTAGE INPUT (24VDC) POWER CORD MODEL



HIGH VOLTAGE INPUT (100V-240V) POWER CORD WIRING MODEL



WATER PROOF SOLUTION



A Water stopper (Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is needed to prevent the water vapor go in.

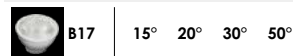
B IP65 Jiffy quick plug/socket connector (Option)

To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

LED COLOUR TEMPERATURE

2,000K · 3,000K · 6,000K

LENS



DATASHEET

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 chrome plated stainless steel SUS 304#
POWER CABLE	H03VV-F 2X0.75mm² L=0.25m (low voltage) H03VV-F 3X0.1mm² L=0.5m (high voltage)
DIMMABLE SUPPORT	Triac PWM 1-10V Dali



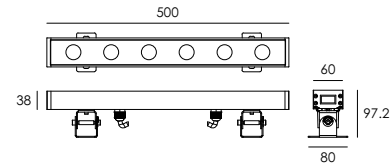
ITEM	A6LD0658
LIGHT SOURCE	6×4W Nichia
LENS	A24
THE MANUFACTURER SELECTED LENS DEGREE(°)	θ1/2 15°
LENGTH(MM)	500
INPUT VOLTAGE(V)	DC 24V 120/240V
OPERATING CURRENT(MA)	24V=1200 120V=222 240V=114
CONSUMPTION(W)	24V=28.8 120V=26 240V=26.1
LUMINANCE(LM)	CW=2236 WW=1834
IK	05



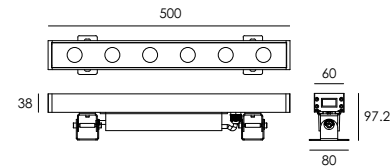
ITEM	A6LD1258
LIGHT SOURCE	12×4W Nichia
LENS	A24
THE MANUFACTURER SELECTED LENS DEGREE(°)	θ1/2 15°
LENGTH(MM)	1000
INPUT VOLTAGE(V)	DC 24V 120/240V
OPERATING CURRENT(MA)	24V=2380 120V=425 240V=214
CONSUMPTION(W)	24V=57.6 120V=50 240V=51
LUMINANCE(LM)	CW=4417 WW=3622
IK	05

OUTER DIMENSIONS (Unit: mm)

(low voltage)

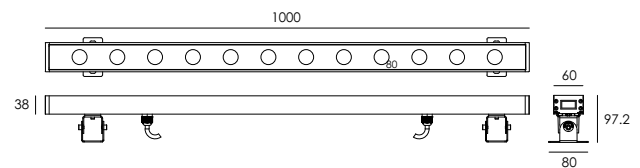


(high voltage)

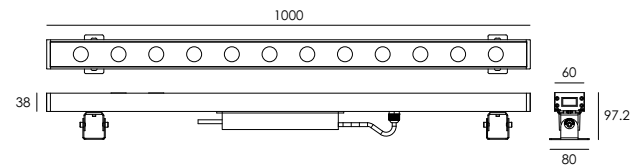


OUTER DIMENSIONS (Unit: mm)

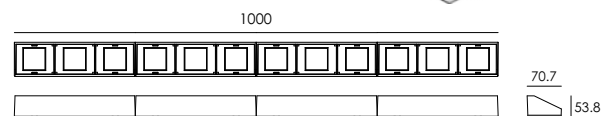
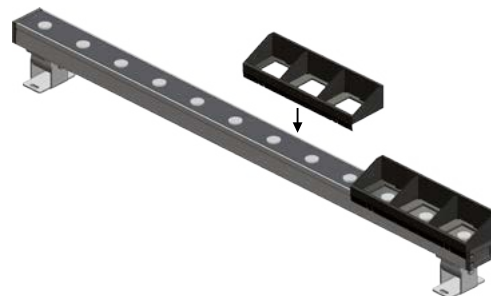
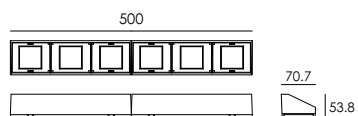
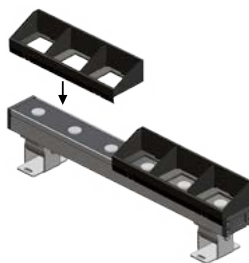
(low voltage)



(high voltage)



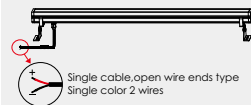
ACCESSORIES OUTER DIMENSIONS (Unit: mm)



CONNECTOR

LOW VOLTAGE INPUT (24VDC) POWER CORD MODEL

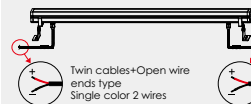
LSO type



LSP type



LTO type

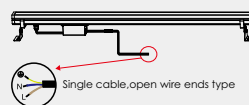


LTPS type

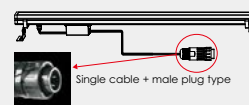


HIGH VOLTAGE INPUT (100V-240V) POWER CORD WIRING MODEL

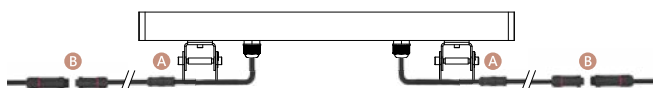
HSD type



HSP type



WATER PROOF SOLUTION



A Water stopper (Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is needed to prevent the water vapor go in.

B IP65 Jiffy quick plug/socket connector (Option)

To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.



ACCESSORIES

Coaccessoriesnnecton



LED COLOUR TEMPERATURE

2,000K · 3,000K · 6,000K

LENS



DATASHEET

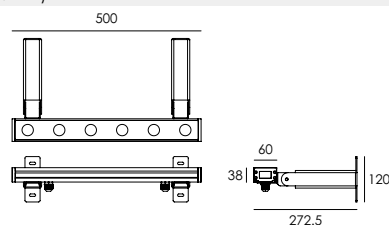
	Extruded aluminum, powder coated
LENS	Optical lens, efficiency ≥ 85%
LIGHT WINDOW	Tempered glass, T=4mm
CABLE GLAND	IP-68 PG-13.5 PA66
GASKET	Glass and housing are silicone sealed
LED	NICHIA SMD 3535
OPERATING TEMPERATURE	-20°C ~ 40°C
BRACKET	12# Die-casting powder coated aluminum
POWER CABLE	H07RN-F 2X1.5mm² L=0.25m (low voltage) H05RN-F 3X1.0mm² L=0.5m (high voltage)
DIMMABLE SUPPORT	Triac PWM 1-10V Dali



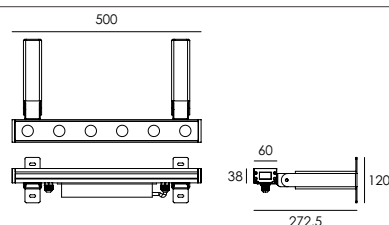
ITEM	A6LE0658
LIGHT SOURCE	6×4W Nichia
LENS	A24
THE MANUFACTURER SELECTED LENS DEGREE(°)	θ1/2 15°
LENGTH(MM)	500
INPUT VOLTAGE(V)	DC 24V 120/240V
OPERATING CURRENT(MA)	24V=1200 120V=222 240V=114
CONSUMPTION(W)	24V=28.8 120V=26 240V=26.1
LUMINANCE(LM)	CW=2236 WW=1834
IK	05

OUTER DIMENSIONS (Unit: mm)

(low voltage)



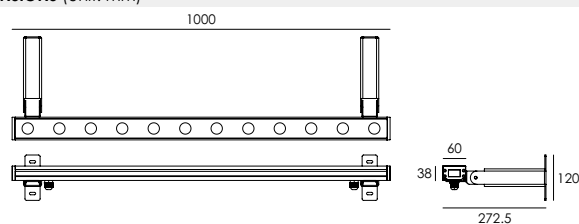
(high voltage)



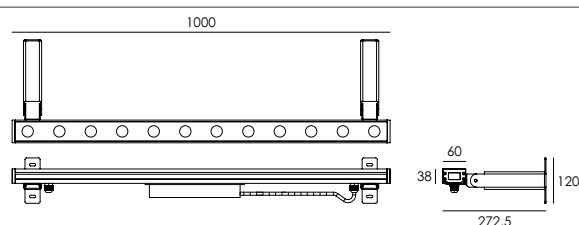
ITEM	A6LE1258
LIGHT SOURCE	12×4W Nichia
LENS	A24
THE MANUFACTURER SELECTED LENS DEGREE(°)	θ1/2 15°
LENGTH(MM)	1000
INPUT VOLTAGE(V)	DC 24V 120/240V
OPERATING CURRENT(MA)	24V=2380 120V=425 240V=214
CONSUMPTION(W)	24V=57.6 120V=50 240V=51
LUMINANCE(LM)	CW=4417 WW=3622
IK	05

OUTER DIMENSIONS (Unit: mm)

(low voltage)

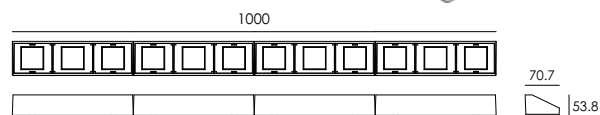
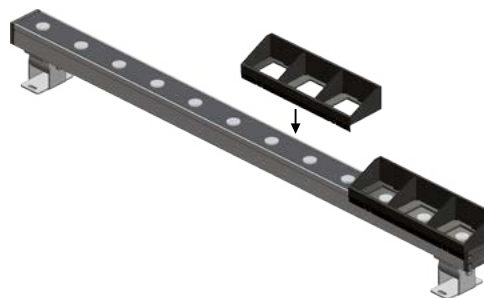
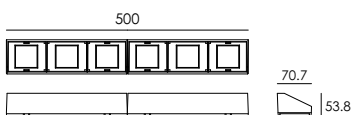
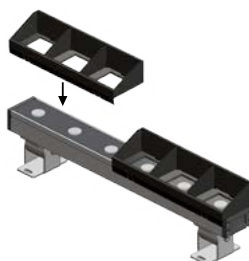


(high voltage)



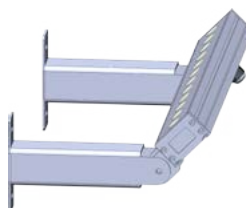
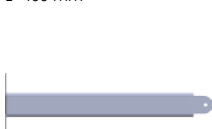
ACCESSORIES OUTER DIMENSIONS (Unit: mm)

6005#



EXTERNAL BRACKET

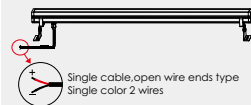
L=400 mm



CONNECTOR

LOW VOLTAGE INPUT (24VDC) POWER CORD MODEL

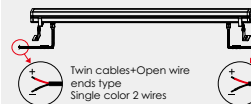
LSO type



LSP type



LTO type

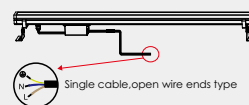


LTPS type

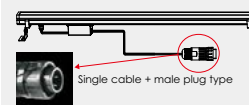


HIGH VOLTAGE INPUT (100V-240V) POWER CORD WIRING MODEL

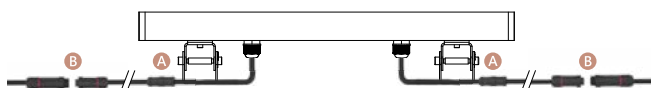
HSD type



HSP type



WATER PROOF SOLUTION



A Water stopper (Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is needed to prevent the water vapor go in.

B IP65 Jiffy quick plug/socket connector (Option)

To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.



ACCESSORIES

Coaccessoriesnnecton



LED COLOUR TEMPERATURE

2,000K · 3,000K · 6,000K

LENS



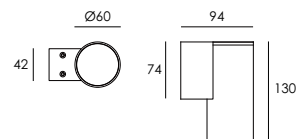
DATASHEET

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 2X1.5mm² L=0.25m (low voltage) H05RN-F 3X1.0mm² L=0.5m (high voltage)
DIMMABLE SUPPORT	Triac PWM 1-10V Dali



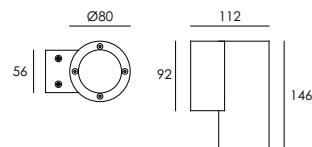
ITEM
B7DH0124
REFLECTOR/LENS
1×4.5W COB
REFLECTOR
B54
LENS OPTIONAL DEGREE
24°
INPUT VOLTAGE(V)
24V DC 240
OPERATING CURRENT(MA)
24V=233 240V=48
CONSUMPTION(W)
24V=5.6 240V=6
LUMINANCE(LM)
WW=282
IK
05

OUTER DIMENSIONS (Unit: mm)



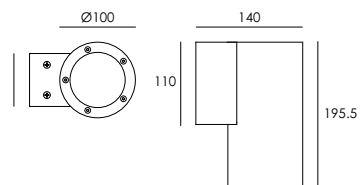
ITEM
R7AH0128
REFLECTOR
1×10W COB
REFLECTOR
R8
LENS OPTIONAL DEGREE
24°
INPUT VOLTAGE(V)
24V DC 120/240
OPERATING CURRENT(MA)
24V=480 120V=112 240V=63
CONSUMPTION(W)
24V=11.5 120V=13.1 240V=13.5
LUMINANCE(LM)
CW=1335 WW=1170
IK
10

OUTER DIMENSIONS (Unit: mm)



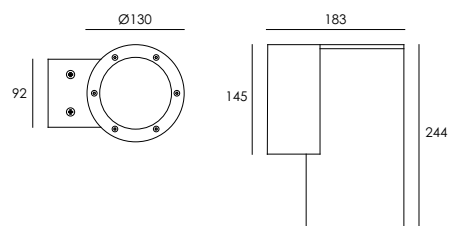
ITEM
R7BH0170
REFLECTOR
1×18W COB
W
R18
LENS OPTIONAL DEGREE
22°
INPUT VOLTAGE(V)
24V DC 120/240
OPERATING CURRENT(MA)
24V=833 120V=178 240V=96
CONSUMPTION(W)
24V=20 120V=20 240V=21.4
LUMINANCE(LM)
CW=1684 WW=1432
IK
10

OUTER DIMENSIONS (Unit: mm)



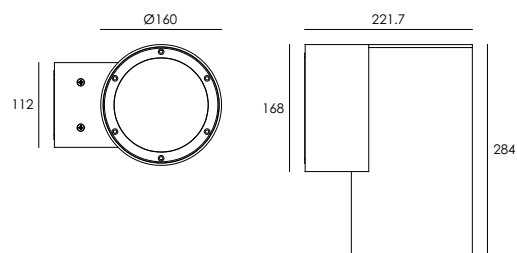
ITEM
R7CH0173
REFLECTOR
1×25W COB
REFLECTOR
R19
LENS OPTIONAL DEGREE
22°
INPUT VOLTAGE(V)
24V DC 120/240
OPERATING CURRENT(MA)
24V=1080 120V=270 240V=146
CONSUMPTION(W)
24V=26 120V=30 240V=31
LUMINANCE(LM)
CW=2615 WW=2412
IK
10

OUTER DIMENSIONS (Unit: mm)

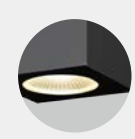


ITEM
R7EH0176
REFLECTOR
1×40W COB
REFLECTOR
R16
LENS OPTIONAL DEGREE
25°
INPUT VOLTAGE(V)
120/240
OPERATING CURRENT(MA)
120V=372 240V=187
CONSUMPTION(W)
120V=44.8 240V=44.5
LUMINANCE(LM)
CW=4112 WW=3808
IK
06

OUTER DIMENSIONS (Unit: mm)



FEATURES



LED COLOUR TEMPERATURE

3,000K · 6,000K

HOUSING COLOR OPTION

Basic

Sanded Dark Grey
KAP 7037

Secondary

Sanded Black
RAL 9005

Silver Grey
KAP 9022

OPTICAL

R8	15°	24°	38°	60°
R18	12°	22°	35°	55°
R19	10°	22°	38°	
B54	15°	24°	38°	
R16	12°	25°	38°	

DATASHEET

HOUSING MATERIAL Extruded aluminum alloy #6063

PAINTING Powder coating, T= 60-80 μm.
Adhesion of ISO class 1/ASTM class 4B

REFLECTOR Optical reflector, efficiency ≥ 85%

LED NICHIA

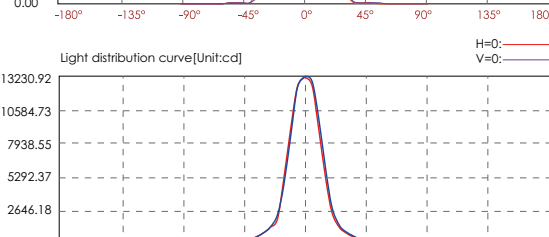
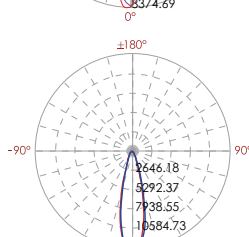
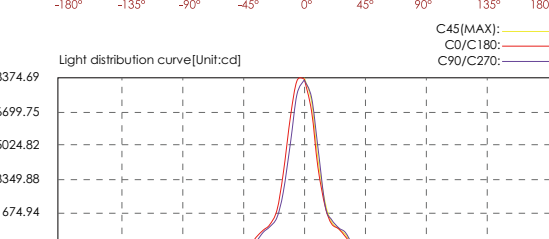
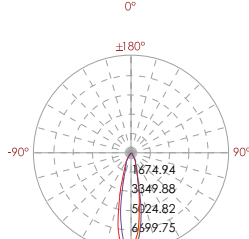
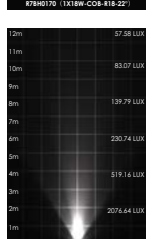
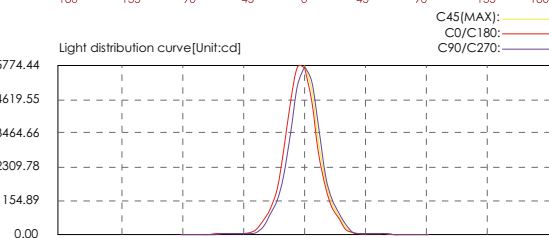
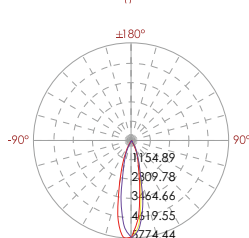
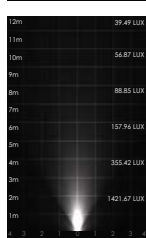
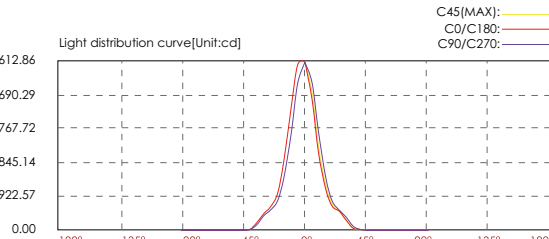
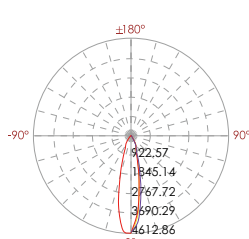
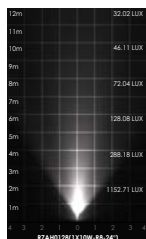
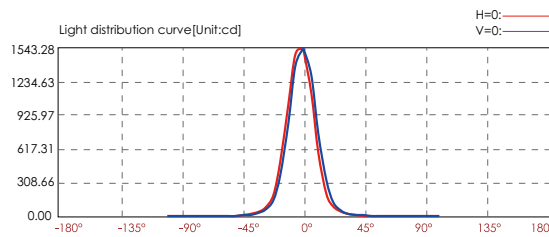
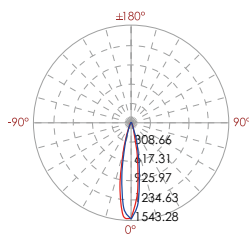
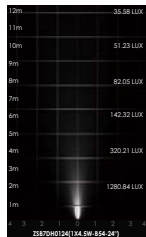
OPERATING TEMPERATURE -20°C - 40°C

POWER CABLE H05RN-F 2X1.0mm² L=0.3m(low voltage)
H05RN-F 3X1.0mm² L=0.3m(high voltage)

WEIGHT R7AH0128=1.0kg R7BH0170=1.9kg R7CH0173=2.5kg



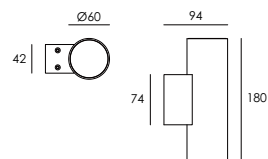
PHOTOMETRIC





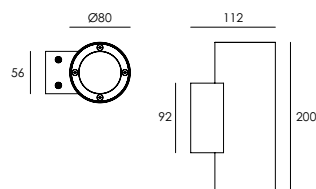
ITEM
B7DH0224
LIGHT SOURCE
2×4.5W COB NICHIA
REFLECTOR
B54
LENS OPTIONAL DEGREE
24°
INPUT VOLTAGE(V)
24V DC 240
OPERATING CURRENT(MA)
24V=420 240V=49
CONSUMPTION(W)
24V=10 240V=10.7
LUMINANCE(LM)
WW=282x2
IK
05

OUTER DIMENSIONS (Unit: mm)



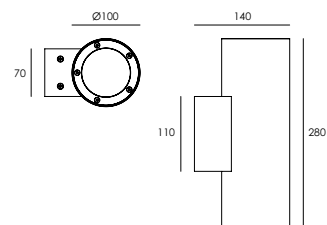
ITEM
R7AH0227
LIGHT SOURCE
2×8W COB NICHIA
REFLECTOR
R8
LENS OPTIONAL DEGREE
24°
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=832 120V=163 240V=91
CONSUMPTION(W)
24V=20 120V=20 240V=20.8
LUMINANCE(LM)
CW=1053x2 WW=986x2
IK
10

OUTER DIMENSIONS (Unit: mm)



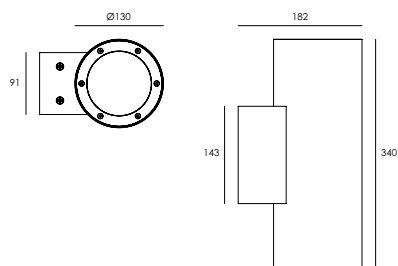
ITEM
R7BH0229
LIGHT SOURCE
2×12W COB NICHIA
REFLECTOR
R18
LENS OPTIONAL DEGREE
22°
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=1080 120V=210 240V=116
CONSUMPTION(W)
24V=26 120V=25.5 240V=25
LUMINANCE(LM)
CW=1289x2 WW=1079x2
IK
10

OUTER DIMENSIONS (Unit: mm)

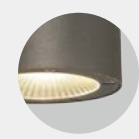


ITEM
R7CH0270
LIGHT SOURCE
2×18W COB NICHIA
REFLECTOR
R19
LENS OPTIONAL DEGREE
22°
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=1660 120V=340 240V=182
CONSUMPTION(W)
24V=40 120V=40.5 240V=42
LUMINANCE(LM)
CW=1795x2 WW=1617x2
IK
10

OUTER DIMENSIONS (Unit: mm)



FEATURES



LED COLOUR TEMPERATURE

3,000K · 6,000K

HOUSING COLOR OPTION

Basic

Sanded Dark Grey
KAP 7037

Secondary

Sanded Black
RAL 9005

Silver Grey
KAP 9022

OPTICAL

	B54	15°	24°	38°	
	R18	12°	22°	35°	55°
	R19	10°	22°	38°	
	R8	15°	24°	38°	60°

DATASHEET

HOUSING MATERIAL Extruded aluminum alloy #6063

PAINTING Powder coating ,T= 60-80 μm.
Adhesion of ISO class 1/ASTM class 4B

REFLECTOR Optical reflector. efficiency≥85%

LED NICHIA

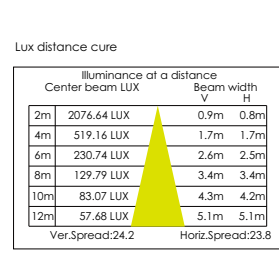
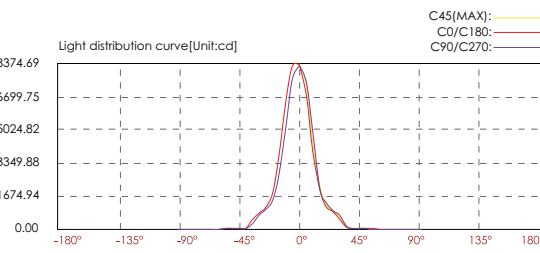
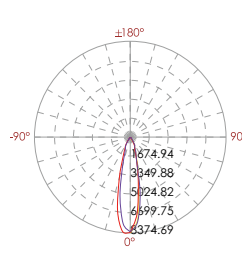
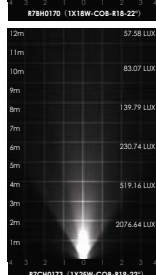
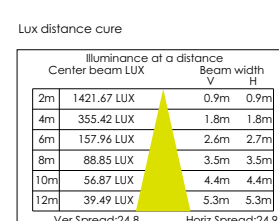
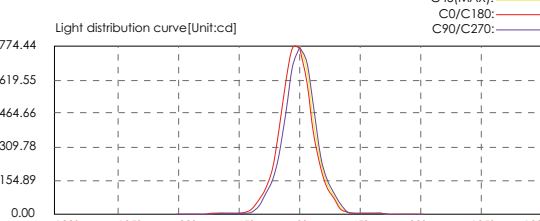
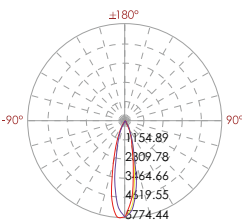
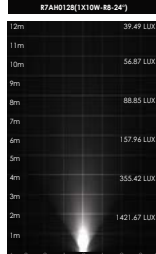
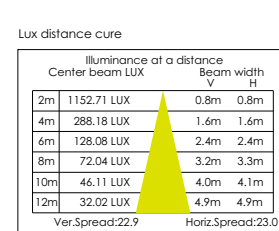
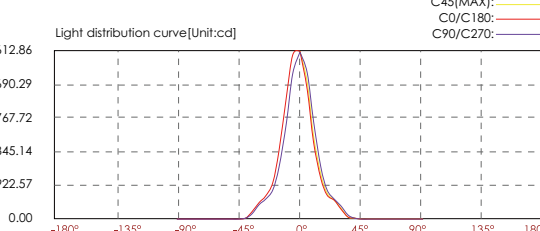
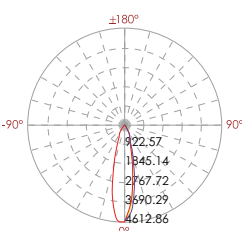
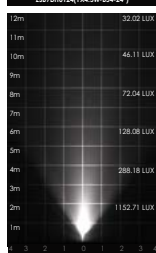
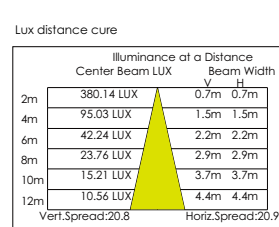
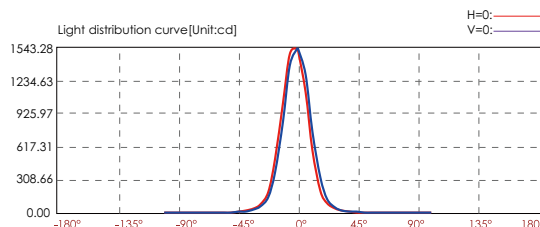
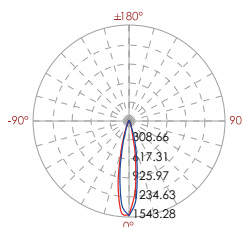
OPERATING TEMPERATURE -20°C- 40°C

POWER CABLE H05RN-F 2X1.0mm² L=0.3m(low voltage)
H05RN-F 3X1.0mm² L=0.3m(high voltage)

WEIGHT R7AH0227=1.4kg R7BH0229=2.7kg R7CH0270=4.6kg



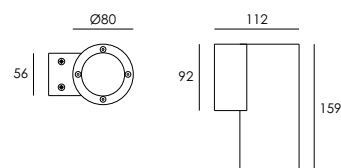
PHOTOMETRIC





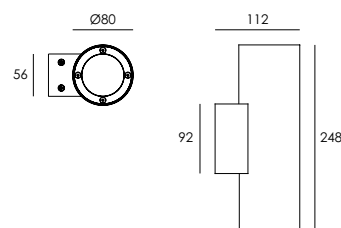
ITEM	B7AH0168
LIGHT SOURCE	1×10W
LENS	B83
LENS DEGREE(°)Ø1/2	6°
INPUT VOLTAGE(V)	240V
OPERATING CURRENT(MA)	240V = 61
CONSUMPTION(W)	240V = 13
LUMINANCE(LM)	504
IK	06

OUTER DIMENSIONS (Unit: mm)

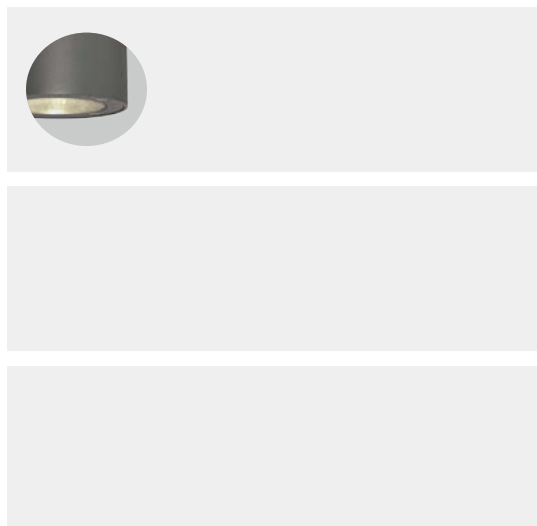


ITEM	B7AH0267
LIGHT SOURCE	2×8W
LENS	B83
LENS DEGREE(°)Ø1/2	6°
INPUT VOLTAGE(V)	240V
OPERATING CURRENT(MA)	240V = 90
CONSUMPTION(W)	240V = 19.5
LUMINANCE(LM)	2×297
IK	06

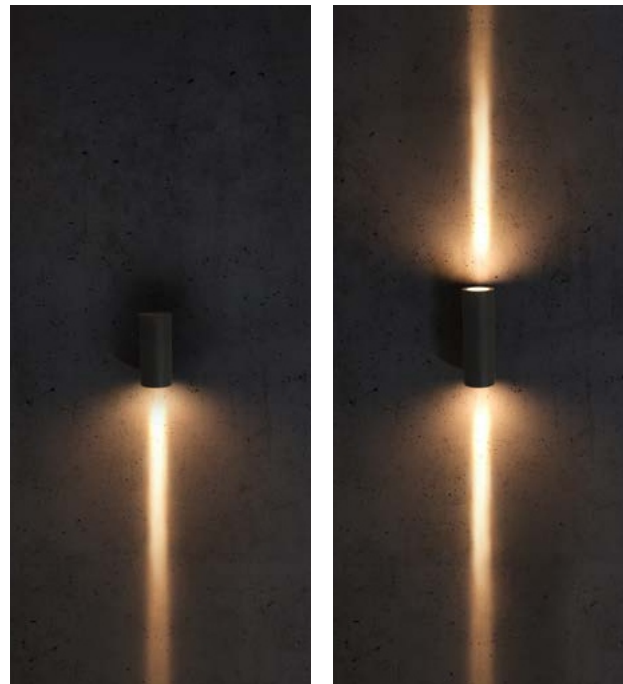
OUTER DIMENSIONS (Unit: mm)



FEATURES



DEMO



B7AH0168

B7AH0267

LED COLOUR TEMPERATURE

3,000K · 6,000K

OPTICAL



HOUSING COLOR OPTION

Basic	Secondary
Sanded Dark Grey KAP 7037	Sanded Black RAL 9005
Silver Grey KAP 9022	

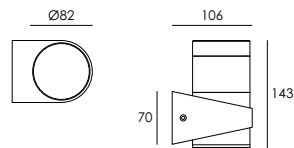
DATASHEET

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	CREE 3535
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)



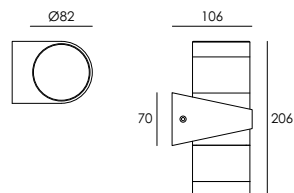
ITEM
D7BD0125
LIGHT SOURCE
1×5W
LENS
B8
LENS OPTIONAL DEGREE
175°
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=210 120V= 240V=23
CONSUMPTION(W)
24V=5 120V= 240V=5
LUMINANCE(LM)
320
IK
IK

OUTER DIMENSIONS (Unit: mm)

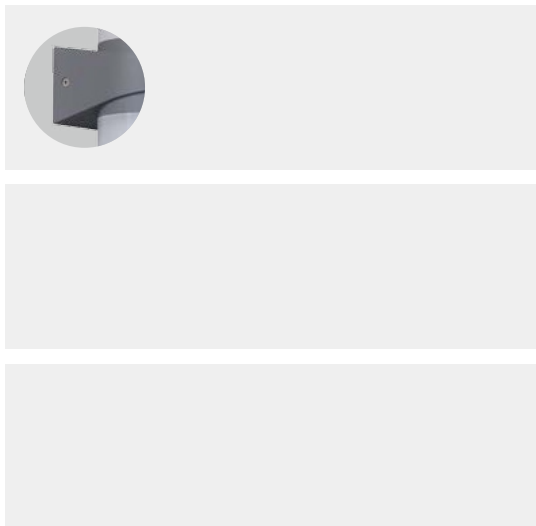


ITEM
D7BE0224
LIGHT SOURCE
2×4W
LENS
R8
LENS OPTIONAL DEGREE
175°
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=310 120V= 240V=40
CONSUMPTION(W)
24V=7.5 120V= 240V=8.3
LUMINANCE(LM)
2X225
IK
IK

OUTER DIMENSIONS (Unit: mm)



FEATURES



DEMO



D7BD0125



D7BE0224

OPTIONAL LED CCT
3,000K · 6,000K

OPTICAL				
	R8	15°	24°	38° 60°

HOUSING COLOR OPTION

Basic	Secondary
 Sanded Dark Grey KAP 7037	 Sanded Black RAL 9005
	 Silver Grey KAP 9022

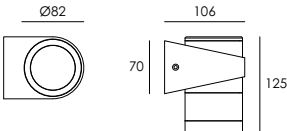
DATASHEET

HOUSING	12# Die-casting dark grey powder coated aluminum T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	PMMA T=8mm
LED DRIVER	Constant Voltage Input, Constant Current Output
LED	NICHIA COB
POWER CABLE	H05RN-F 3X1.0mm² L=0.3m(high voltage)
OPERATING TEMPERATURE	-20°C-40°C



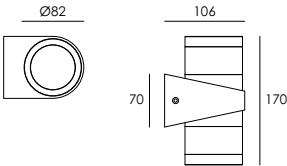
ITEM
R7BF0127
LIGHT SOURCE
1×8W
REFLECTOR
R8
LENS OPTIONAL DEGREE
24°
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=420 120V= 240V=46
CONSUMPTION(W)
24V=10 120V= 240V=8
LUMINANCE(LM)
689
IK

OUTER DIMENSIONS (Unit: mm)



ITEM
R7BG0227
LIGHT SOURCE
2×8W
REFLECTOR
R8
LENS OPTIONAL DEGREE
24°
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=840 120V= 240V=80
CONSUMPTION(W)
24V=20 120V= 240V=16
LUMINANCE(LM)
2X750
IK

OUTER DIMENSIONS (Unit: mm)



FEATURES

OPTIONAL LED CCT
3,000K · 6,000K

OPTICAL					
	R8	15°	24°	38°	50°

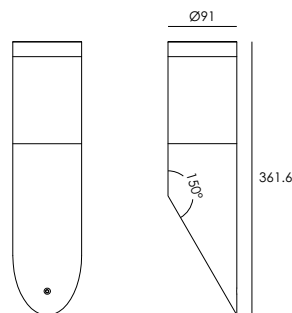
HOUSING COLOR OPTION		
Basic		Secondary
	Sanded Dark Grey KAP 7037	 Sanded Black RAL 9005
		 Silver Grey KAP 9022

DATASHEET	
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 COB
POWER CABLE	H05RN-F 3X1.0mm ² L=0.3m(high voltage)
OPERATING TEMPERATURE	-20°C-40°C



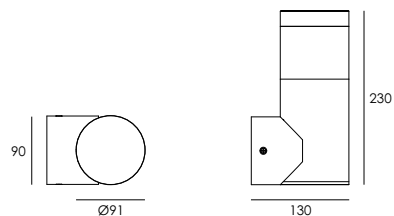
ITEM
D7DK0110
LIGHT SOURCE
5W GU10
LENS OPTIONAL DEGREE
175°
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=** 120V=69 240V=41
CONSUMPTION(W)
24V=** 120V=** 240V=5
LUMINANCE(LM)
216
IK

OUTER DIMENSIONS (Unit: mm)

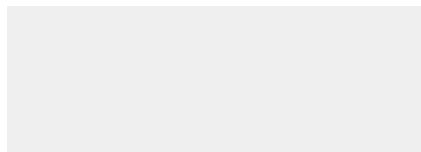
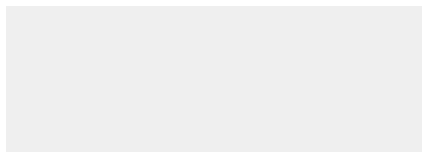
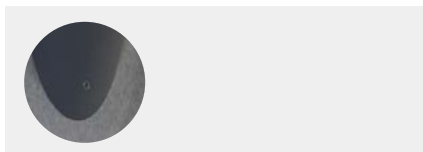


ITEM
D7FH0110
LIGHT SOURCE
5W GU10
LENS OPTIONAL DEGREE
175°
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=** 120V=69 240V=41
CONSUMPTION(W)
24V=** 120V=** 240V=5
LUMINANCE(LM)
242
IK

OUTER DIMENSIONS (Unit: mm)



FEATURES



LIGHTING SOURCES OPTION Pin GU-10



Halogen Lamp

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



LED Lamp

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

HOUSING COLOR OPTION

Basic

Sanded Dark Grey
KAP 7037

Secondary

Sanded Black
RAL 9005

Silver Grey
KAP 9022

OPTIONAL LED CCT

3,000K · 6,000K

DATASHEET

HOUSING MATERIAL Extruded aluminum alloy #6063

PAINTING Powder coating, T= 60-80 µm. Adhesion of ISO class 1/ASTM class 4B

LIGHT WINDOW PAMM T=5mm

LED GU10 LED Lamp

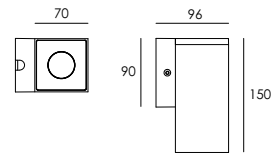
OPERATING TEMPERATURE -20°C- 40°C

POWER CABLE H05RN-F 3X1.0mm² L=0.3m(high voltage)



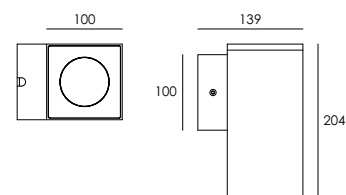
ITEM	
B7VE0126	
LIGHT SOURCE	
1×6W COB NICHIA	
REFLECTOR	
B71	
LENS OPTIONAL DEGREE	
24°	
INPUT VOLTAGE(V)	
DC 24V 120/240V	
OPERATING CURRENT(MA)	
24V=330 120V=60 240V=33	
CONSUMPTION(W)	
24V=7.9 120V=7 240V=6.9	
LUMINANCE(LM)	
24V=487 240V=	
IK	

OUTER DIMENSIONS (Unit: mm)

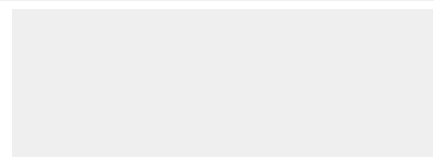
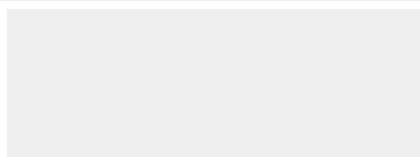
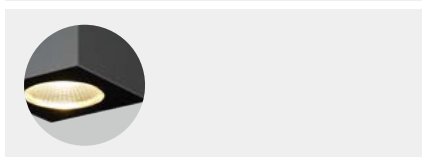


ITEM	
B7WE0170	
LIGHT SOURCE	
1×18W COB NICHIA	
REFLECTOR	
B66	
LENS OPTIONAL DEGREE	
25°	
INPUT VOLTAGE(V)	
DC 24V 120/240V	
OPERATING CURRENT(MA)	
24V=833 120V=187 240V=96	
CONSUMPTION(W)	
24V=20 120V=20 240V=21	
LUMINANCE(LM)	
24V= 240V=1758×2	
IK	

OUTER DIMENSIONS (Unit: mm)



FEATURES



OPTIONAL LED CCT

3,000K · 6,000K

OPTICAL

	B71	15°	24°	33°	45°	60°
	B66	15°	20°	25°	38°	55°

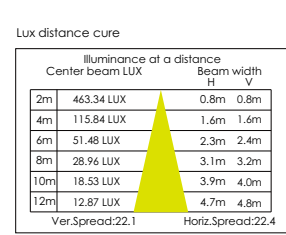
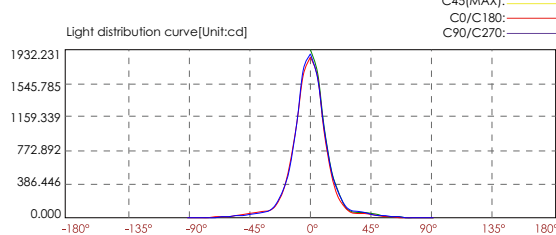
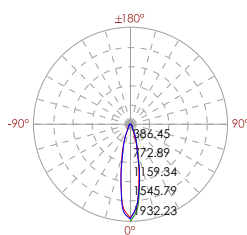
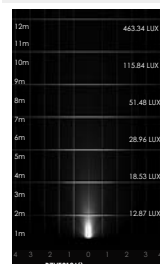
DATASHEET

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

HOUSING COLOR OPTION

Basic	Secondary
	
	

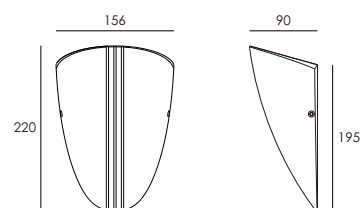
PHOTOMETRIC





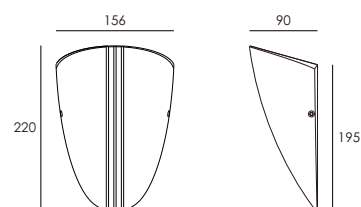
ITEM
R7BC0129
LIGHT SOURCE
1×12W COB
REFLECTOR
R3
LENS OPTIONAL DEGREE
25°
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=576 120V=112 240V=64
CONSUMPTION(W)
24V=13.8 120V=14 240V=14.1
LUMINANCE(LM)
CW=834 WW=809
IK
05

OUTER DIMENSIONS (Unit: mm)

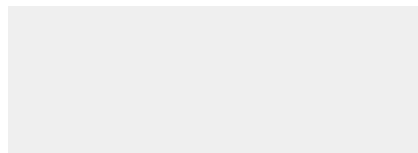
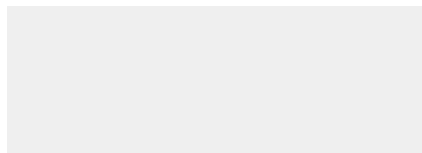
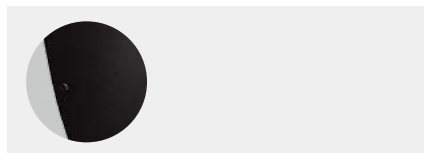


ITEM
B7BC0166
LIGHT SOURCE
1×6W SMD3535 NICHIA
LENS
B59
LENS OPTIONAL DEGREE
10°
INPUT VOLTAGE(V)
120/240V
OPERATING CURRENT(MA)
120V=108 240V=61
CONSUMPTION(W)
120V=7.8 240V=8.3
LUMINANCE(LM)
CW=500 WW=444
IK
05

OUTER DIMENSIONS (Unit: mm)



FEATURES



OPTIONAL LED CCT

3,000K · 6,000K

OPTICAL

	R3	25°
	B59	10° 15° 22°

HOUSING COLOR OPTION

Basic

 Sanded Dark Grey
KAP 7037

Secondary

 Sanded Black
RAL 9005

 Silver Grey
KAP 9022

DATASHEET

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=3.5mm

LED DRIVER Constant Voltage Input, Constant Current Output

LED NICHIA

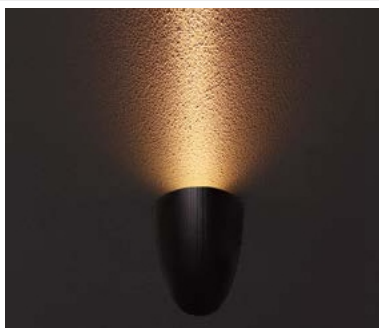
POWER CABLE H05RN-F 2X1.0mm² L=0.3m(low voltage)
H05RN-F 3X1.0mm² L=0.3m(high voltage)

OPERATING TEMPERATURE -20°C-40°C

DEMO



R7BC0129

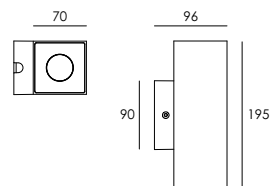


B7BC0166



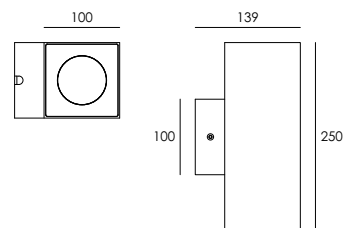
ITEM
B7VF0225
LIGHT SOURCE
2×5W COB NICHIA
REFLECTOR
B71
LENS OPTIONAL DEGREE
24°
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=590 120V=105 240V=64
CONSUMPTION(W)
24V=14 120V=12.5 240V=13
LUMINANCE(LM)
24V=2×379 240V=
IK
SOCKET
GU/10

OUTER DIMENSIONS (Unit: mm)

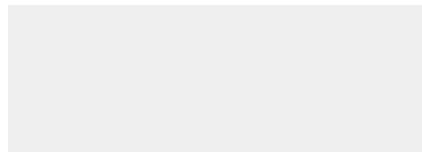
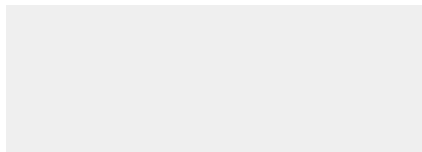
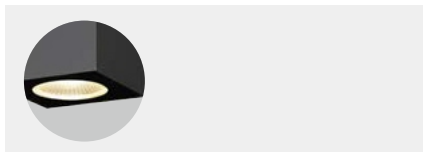


ITEM
B7WF0229
LIGHT SOURCE
2×12W COB NICHIA
REFLECTOR
B66
LENS OPTIONAL DEGREE
25°
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=1080 120V=211 240V=116
CONSUMPTION(W)
24V=26 120V=26.5 240V=26
LUMINANCE(LM)
24V= 240V=1251×2
IK
SOCKET
GU/10

OUTER DIMENSIONS (Unit: mm)



FEATURES



OPTIONAL LED CCT

3,000K · 6,000K

OPTICAL

	B71	15°	24°	33°	45°	60°
	B66	15°	20°	25°	38°	55°

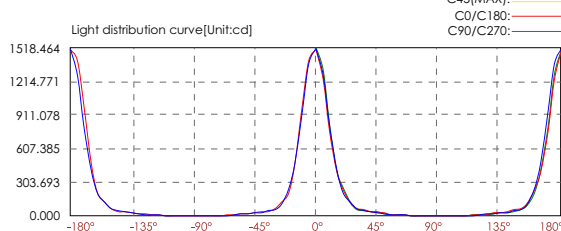
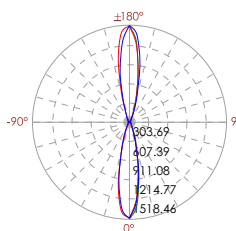
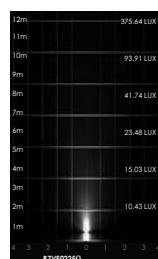
DATASHEET

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

HOUSING COLOR OPTION

Basic	Secondary
	
Sanded Dark Grey KAP 7037	Sanded Black RAL 9005
	
Silver Grey KAP 9022	

PHOTOMETRIC



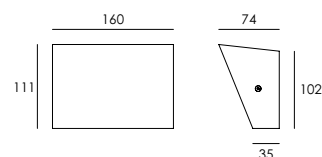
Illuminance at a distance			
Center beam LUX	Beam width	V	H
2m	375.64 LUX	0.8m	0.8m
4m	93.91 LUX	1.6m	1.6m
6m	41.74 LUX	2.4m	2.4m
8m	23.48 LUX	3.2m	3.2m
10m	15.03 LUX	4.0m	4.0m
12m	10.43 LUX	4.8m	4.8m
Ver.Spread:22.5			Horiz.Spread:22.7



ITEM
D7FEC0357
LIGHT SOURCE
3×2W
LENS OPTIONAL DEGREE
75°×65°
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=330 120V=72 240V=40
CONSUMPTION(W)
24V=8 120V=8.5 240V=8.4
LUMINANCE(LM)
24V=413 240V=378
IK
05

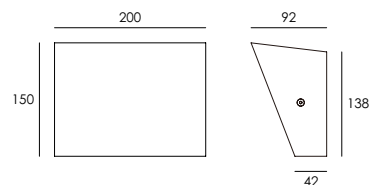
OUTER DIMENSIONS (Unit: mm)

D7FEC0357

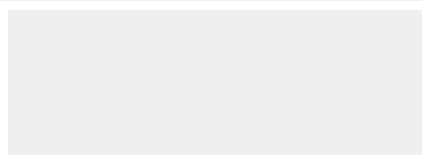
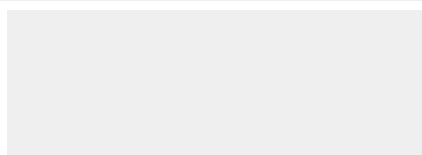
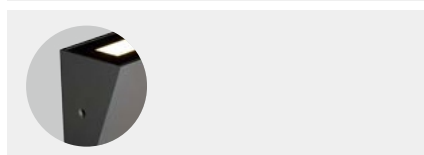


ITEM
D7FFC0558
LIGHT SOURCE
5×3W
LENS OPTIONAL DEGREE
75°×65°
INPUT VOLTAGE(V)
DC 24V 240V
OPERATING CURRENT(MA)
24V=660 240V=70
CONSUMPTION(W)
24V=15.8 240V=15.5
LUMINANCE(LM)
24V=803 240V=850
IK
05

OUTER DIMENSIONS (Unit: mm)



FEATURES



OPTIONAL LED CCT

3,000K · 6,000K

HOUSING COLOR OPTION

Basic

Sanded Dark Grey
KAP 7037

Secondary

Sanded Black
RAL 9005

Silver Grey
KAP 9022

DATASHEET

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

LIGHT WINDOW Tempered Glass, T=4mm

LED Nichia SMD3535

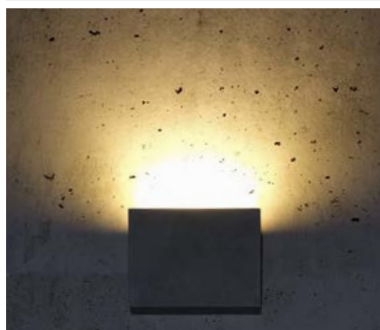
LED DRIVER Constant Voltage Input, Constant Current Output

OPERATING TEMPERATURE -20°C-40°C

POWER CABLE H05RN-F 2×1.0mm²L=0.3m(low voltage)
H05RN-F 3×1.0mm²L=0.3m(high voltage)

DIMMABLE SUPPORT Triac PWM 1-10V Dali

DEMO



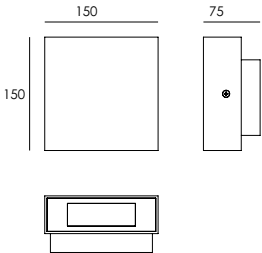
D7FE0358



D7FF0558



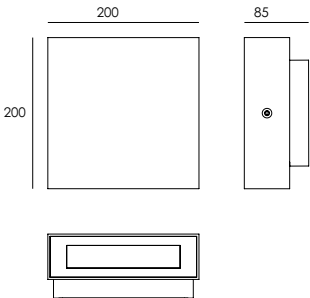
OUTER DIMENSIONS (Unit: mm)



ITEM	LIGHT SOURCE	LENS DEGREE(°)θ1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
1ED7CBC0357 (ONE SIDE))	3×2W	87°×75°	24V DC 120/240V	24V=286 120V=78 240V=46	24V=6.85 120V=6 240V=6	369
2ED7CBC0657 (TWO SIDE)	6×2W	87°×75°	24V DC 120/240V	24V=570 120V=90 240V=49	24V=13.6 120V=10.7 240V=10.8	369×2

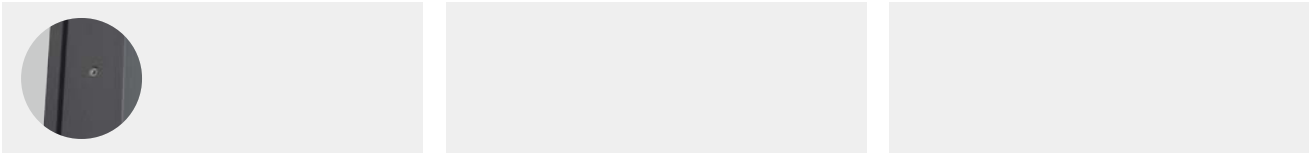


OUTER DIMENSIONS (Unit: mm)



ITEM	LIGHT SOURCE	LENS DEGREE(°)θ1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
1ED7DBC0557 (ONE SIDE)	5×2W	93°×75°	24V DC 120/240V	24V=462 120V=80 240V=50	24V=11 120V=9 240V=9.2	596
2ED7DBC1057 (TWO SIDE)	10×2W	93°×75°	24V DC 240	24V=900 240V=85	24V=21.5 240V=17.8	596×2

FEATURES



OPTIONAL LED CCT

2000K · 3000K · 6000K

HOUSING COLOR OPTION

Basic

Sanded Dark Grey
KAP 7037

Secondary

Sanded Black
RAL 9005

Silver Grey
KAP 9022

DATASHEET

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

Glass T=3mm

GASKET Tooling shaped seal

LED OSRAM

DRIVER 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)

DEMO

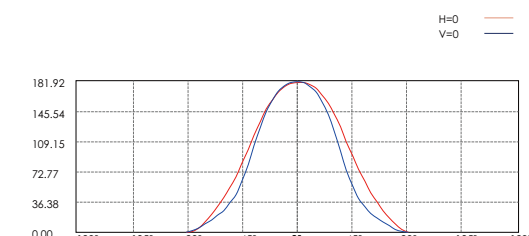
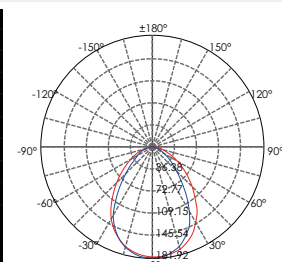


2ED7CBC0657 (TWO SIDE)



2ED7DBC1057 (TWO SIDE)

PHOTOMETRIC



Lux distance Curve

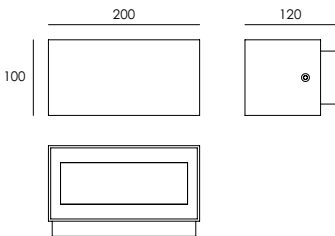
Illuminance at a Distance			
Center Beam LUX	Beam Width V	Beam Width H	
2m	44.96 LUX	3.8m	3.1m
4m	11.24 LUX	7.7m	6.1m
6m	5.00 LUX	11.5m	9.2m
8m	2.81 LUX	15.3m	12.3m
10m	1.80 LUX	19.2m	15.4m
12m	1.25 LUX	23.0m	18.4m

Lux distance Curve

Illuminance at a Distance			
Center Beam LUX	Beam Width V	Beam Width H	
2m	71.70 LUX	4.2m	3.1m
4m	17.92 LUX	8.4m	6.2m
6m	7.97 LUX	12.6m	9.2m
8m	4.48 LUX	16.9m	12.3m
10m	2.87 LUX	21.1m	15.4m
12m	1.99 LUX	25.3m	18.5m



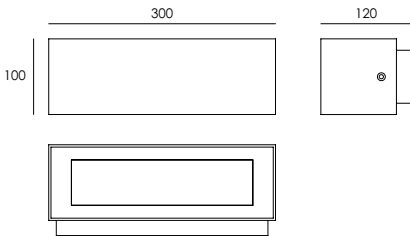
OUTER DIMENSIONS (Unit: mm)



ITEM	LIGHT SOURCE	LENS DEGREE(°)θ1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
1ED7EBC0557 (ONE SIDE)	5×1.5W	97°×99°	24V DC 120/240V	24V=320 120V=74 240V=41	24V=7.68 120V=7.5 240V=7.3	517
2ED7EBC1057 (TWO SIDE)	10×1.5W	97°×99°	24V DC 120/240V	24V=630 120V=143 240V=81	24V=15 120V=16.8 240V=17.2	517×2

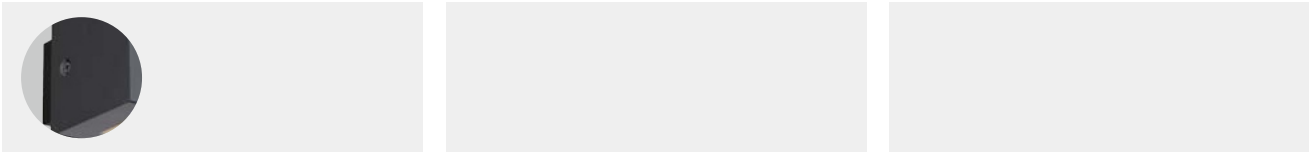


OUTER DIMENSIONS (Unit: mm)



ITEM	LIGHT SOURCE	LENS DEGREE(°)θ1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
1ED7FBC0857 (ONE SIDE)	8×1.5W	100°×100°	24V DC 240	24V=536 240V=70	24V=12.8 240V=13.8	899
2ED7FBC1657 (TWO SIDE)	16×1.5W	100°×100°	24V DC 240	24V=1000 240V=123	24V=24 240V=27.3	899×2

FEATURES



OPTIONAL LED CCT

2000K · 3000K · 6000K

HOUSING COLOR OPTION

Basic

Sanded Dark Grey
KAP 7037

Secondary

Sanded Black
RAL 9005

Silver Grey
KAP 9022

DATASHEET

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

Glass T=3mm

GASKET Tooling shaped seal

LED OSRAM

DRIVER 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)

DEMO

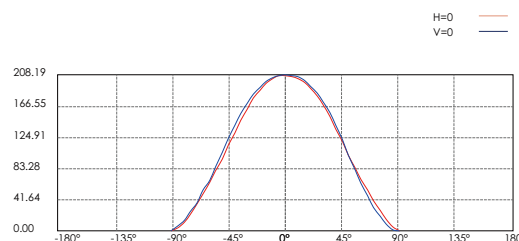
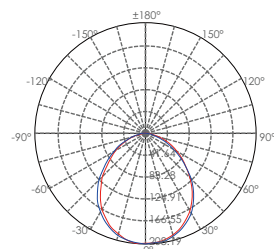


2ED7EBC1057



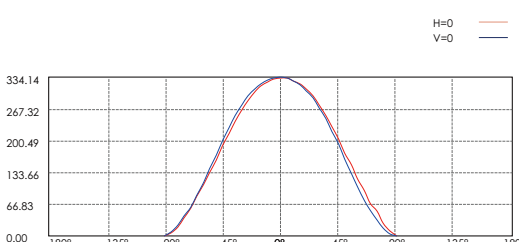
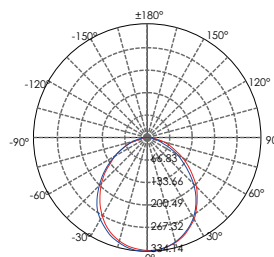
2ED7FBC1657

PHOTOMETRIC



Lux distance Curve

Illuminance at a Distance			
Center Beam LUX	Beam Width	V	H
2m	51.63 LUX	4.5m	4.7m
4m	12.91 LUX	9.0m	9.4m
6m	5.74 LUX	13.5m	14.1m
8m	3.23 LUX	18.0m	18.9m
10m	2.07 LUX	22.5m	23.6m
12m	1.43 LUX	27.0m	28.3m
Vert.Spread:96.9		Horiz.Spread:99.4	

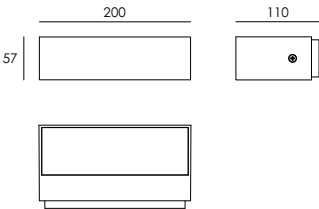


Lux distance Curve

Illuminance at a Distance			
Center Beam LUX	Beam Width	V	H
2m	82.99 LUX	4.8m	4.8m
4m	20.75 LUX	9.6m	9.5m
6m	9.22 LUX	14.4m	14.3m
8m	5.19 LUX	19.2m	19.0m
10m	3.32 LUX	24.0m	23.8m
12m	2.31 LUX	28.8m	28.5m
Vert.Spread:100.5		Horiz.Spread:99.9	



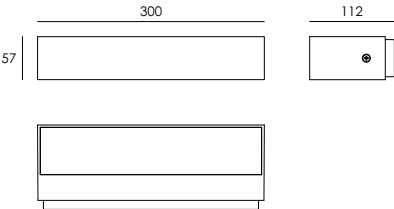
OUTER DIMENSIONS (Unit: mm)



ITEM	LIGHT SOURCE	LENS DEGREE(°)θ1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
1ED7GBC0556 (ONE SIDE)	5×1W	92°×75°	24V DC 120/240	24V=226 240V=31	24V=5.4 240V=6.4	368
2ED7GBC1056 (TWO SIDE)	10×1W	92°×75°	24V DC 120/240	24V=450 240V=56	24V=10.8 240V=12	368x2

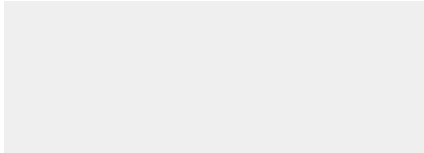
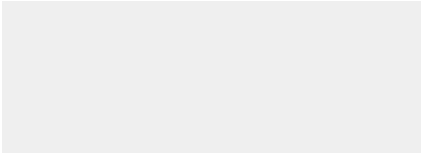
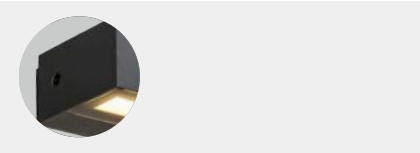


OUTER DIMENSIONS (Unit: mm)



ITEM	LIGHT SOURCE	LENS DEGREE(°)θ1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
1ED7HBC0956 (ONE SIDE)	9×1W	92°×75°	24V DC 120/240	24V=410 240V=59	24V=9.8 240V=10.5	629
2ED7HBC1856 (TWO SIDE)	18×1W	92°×75°	24V DC 120/240	24V=800 240V=97	24V=19.2 240V=20.9	629x2

FEATURES



OPTIONAL LED CCT

2000K · 3000K · 6000K

HOUSING COLOR OPTION

Basic

Sanded Dark Grey
KAP 7037

Secondary

Sanded Black
RAL 9005

Silver Grey
KAP 9022

DATASHEET

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

Glass T=3mm

GASKET Tooling shaped seal

LED OSRAM

DRIVER 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)

DEMO

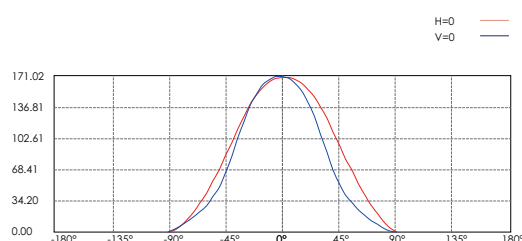
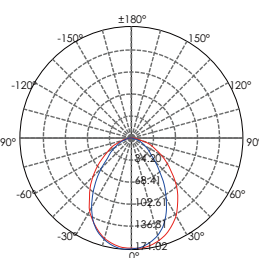


2ED7GBC1056



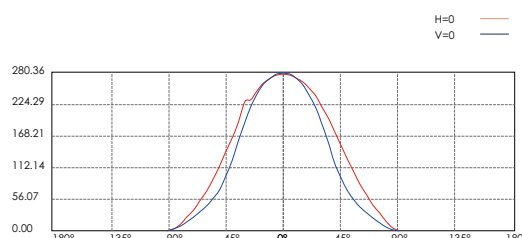
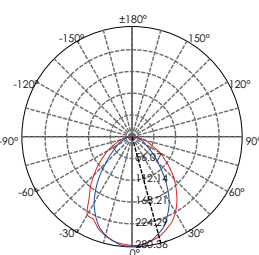
2ED7HBC1856

PHOTOMETRIC



Lux distance Curve

Illuminance at a Distance		Beam Width	
Center Beam LUX	V	H	
42.34 LUX	4.2m	3.1m	
10.58 LUX	8.3m	6.1m	
4.70 LUX	12.5m	9.2m	
2.65 LUX	16.6m	12.2m	
1.69 LUX	20.8m	15.3m	
1.18 LUX	25.0m	18.3m	
Vert.Spread:92.3		Horiz.Spread:74.7	



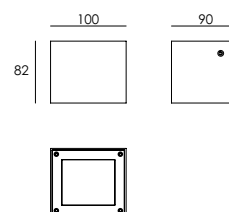
Lux distance Curve

Illuminance at a Distance		Beam Width	
Center Beam LUX	V	H	
69.08 LUX	4.1m	3.1m	
17.27 LUX	8.2m	6.2m	
7.68 LUX	12.3m	9.3m	
4.32 LUX	16.3m	12.4m	
2.76 LUX	20.4m	15.5m	
1.92 LUX	24.5m	18.6m	
Vert.Spread:91.3		Horiz.Spread:75.6	

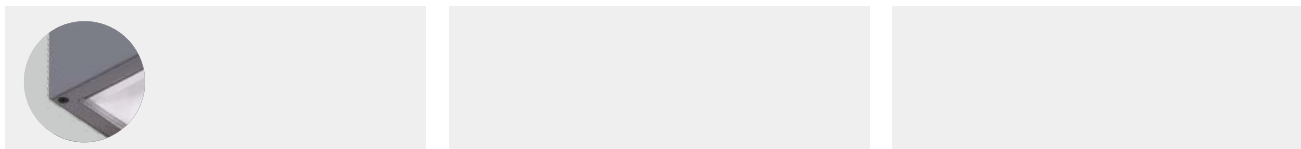


ITEM	D7AA0137
LIGHT SOURCE	1×3W NICHIA
REFLECTOR	R8
LENS OPTIONAL DEGREE	120°
INPUT VOLTAGE(V)	DC 24V 120/240V
OPERATING CURRENT(MA)	24V=134 120V=36 240V=22
CONSUMPTION(W)	24V=3.1 120V=4.4 240V=4.5
LUMINANCE(LM)	155
IK	06

OUTER DIMENSIONS (Unit: mm)



FEATURES



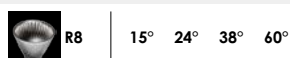
DEMO



OPTIONAL LED CCT

D7AA0137: 2000K · 3000K · 6000K
R7AF0126: 3000K · 6000K

OPTICAL



HOUSING COLOR OPTION

Basic	Secondary
 Sanded Dark Grey KAP 7037	 Sanded Black RAL 9005
	 Silver Grey KAP 9022

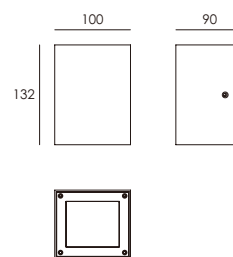
DATASHEET

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)



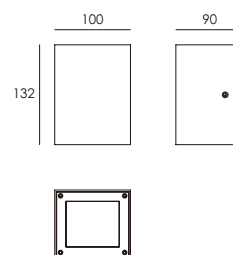
ITEM
D7AB0237
LIGHT SOURCE
2×3W NICHIA
REFLECTOR
LENS OPTIONAL DEGREE
75
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=268 120V=73 240V=42
CONSUMPTION(W)
24V=6.2 120V=8.5 240V=8.6
LUMINANCE(LM)
155×2
IK
06

OUTER DIMENSIONS (Unit: mm)

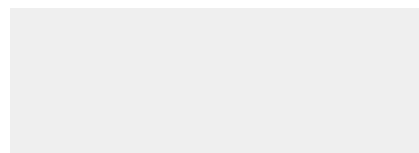
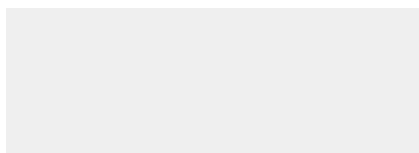
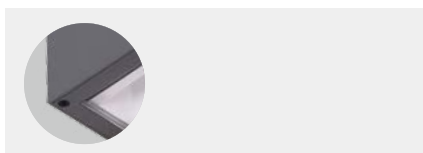


ITEM
D7AC0237
LIGHT SOURCE
2×3W NICHIA
REFLECTOR
LENS OPTIONAL DEGREE
Up: 6° down: 75°
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=268 120V=138 240V=73
CONSUMPTION(W)
24V=6.2 120V=8.5 240V=8.6
LUMINANCE(LM)
up:** down:**
IK
06

OUTER DIMENSIONS (Unit: mm)



FEATURES



DEMO



D7AB0237



D7AC0237

OPTIONAL LED CCT

D7AB0237; D7AC0237: 2000K · 3000K · 6000K

HOUSING COLOR OPTION

Basic



Sanded Dark Grey
KAP 7037

Secondary



Sanded Black
RAL 9005



Silver Grey
KAP 9022

DATASHEET

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

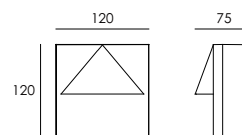
OPERATING TEMPERATURE -20°C-40°C

POWER CABLE H05RN-F 2×1.0mm² L=0.3m(low voltage)
H05RN-F 3×1.0mm² L=0.3m(high voltage)



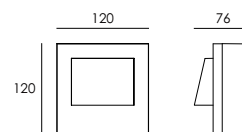
ITEM
D7CY0934
LIGHT SOURCE
9×0.5W NICHIA
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=250 120V=83 240V=46
CONSUMPTION(W)
24V=6 120V=6.3 240V=6.3
LUMINANCE(LM)
157
IK

OUTER DIMENSIONS (Unit: mm)



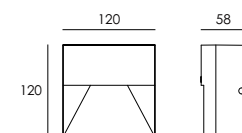
ITEM
D7CX0934
LIGHT SOURCE
9×0.5W NICHIA
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=250 120V=83 240V=46
CONSUMPTION(W)
24V=6 120V=6.3 240V=6.3
LUMINANCE(LM)
142
IK

OUTER DIMENSIONS (Unit: mm)



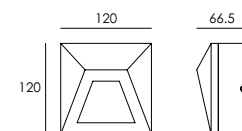
ITEM
D7CZ0934
LIGHT SOURCE
9×0.5W NICHIA
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=250 120V=82 240V=46
CONSUMPTION(W)
24V=6 120V=6.3 240V=6.3
LUMINANCE(LM)
70
IK

OUTER DIMENSIONS (Unit: mm)



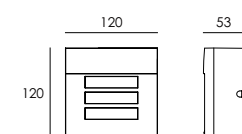
ITEM
LIGHT SOURCE
1×2W
INPUT VOLTAGE(V)
DC 24V
OPERATING CURRENT(MA)
100
CONSUMPTION(W)
2.4
LUMINANCE(LM)
CW=54 WW=49
IK
10

OUTER DIMENSIONS (Unit: mm)



ITEM
D7CW2832
LIGHT SOURCE
28×0.08W OSRAM
INPUT VOLTAGE(V)
DC 24V 240V
OPERATING CURRENT(MA)
24V=105 240V=16
CONSUMPTION(W)
24V=2.5 240V=2.5
LUMINANCE(LM)
84
IK

OUTER DIMENSIONS (Unit: mm)



FEATURES

OPTIONAL LED CCT

2,000K · 3,000K · 6,000K

HOUSING COLOR OPTION

Basic

Secondary

Sanded Dark Grey
KAP 7037

Sanded Black
RAL 9005

Silver Grey
KAP 9022

DATASHEET

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 WINDOW D7CY0934 / D7CX0934 / D7CZ0934: Glass=2mm
D7CW2832: PC=3mm

LIGHT SOURCE OSRAM

LED DRIVER Constant Voltage Input, Constant Current Output

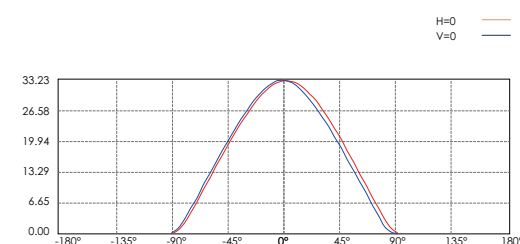
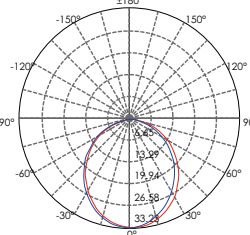
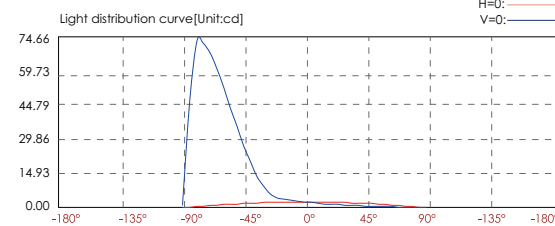
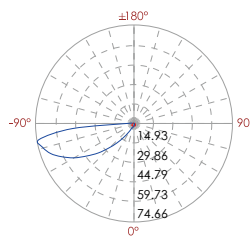
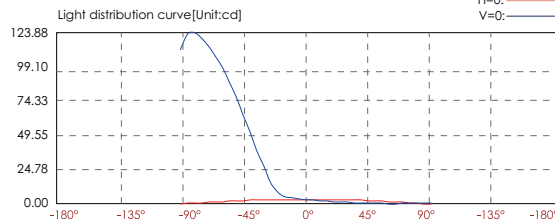
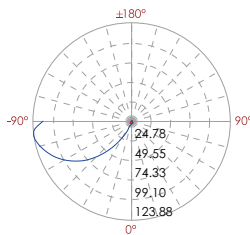
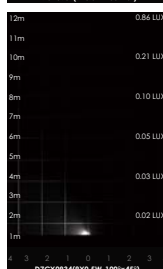
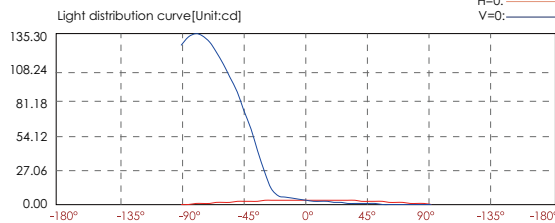
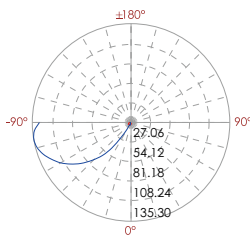
OPERATING TEMPERATURE -20°C~40°C

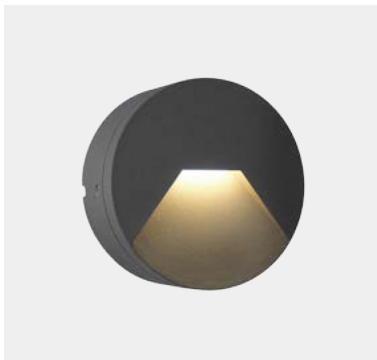
POWER CABLE H05RN-F 3X1.0mm² L=0.3m (high voltage)

MOUNTING SLEEVE ADC12# 151#

DIMMABLE SUPPORT Triac PWM 1-10V Dali

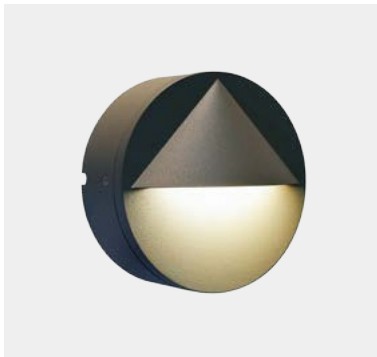
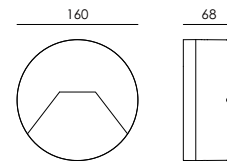
PHOTOMETRIC





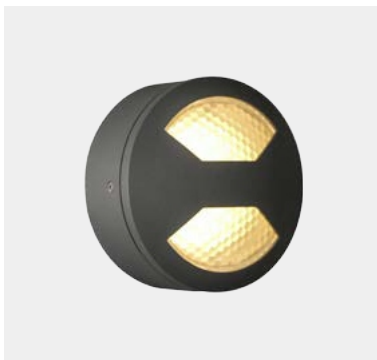
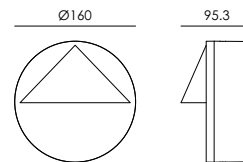
ITEM
D7LY1234
LIGHT SOURCE
12×0.5W
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=250 120V=78 240V=45
CONSUMPTION(W)
24V=6 120V=6 240V=6
LUMINANCE(LM)
134
IK

OUTER DIMENSIONS (Unit: mm)



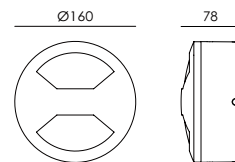
ITEM
D7LX1234
LIGHT SOURCE
12×0.5W
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=330 120V=91 240V=49
CONSUMPTION(W)
24V=7.9 120V=6.3 240V=6.3
LUMINANCE(LM)
266
IK

OUTER DIMENSIONS (Unit: mm)



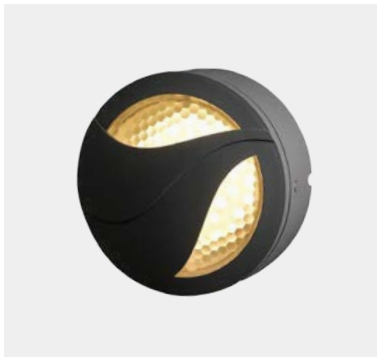
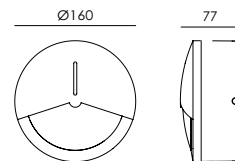
ITEM
D7KW3023
LIGHT SOURCE
30×0.07W
INPUT VOLTAGE(V)
DC 24V 240V
OPERATING CURRENT(MA)
24V=135 240V=14
CONSUMPTION(W)
24V=3.2 240V=3.2
LUMINANCE(LM)
142
IK

OUTER DIMENSIONS (Unit: mm)



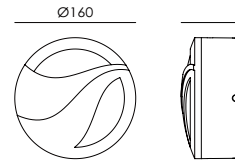
ITEM
D7KT3032
LIGHT SOURCE
30×0.07W
INPUT VOLTAGE(V)
DC 24V 240
OPERATING CURRENT(MA)
24V=135 240V=14
CONSUMPTION(W)
24V=3.2 240V=3.2
LUMINANCE(LM)
118
IK

OUTER DIMENSIONS (Unit: mm)

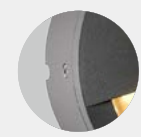


ITEM
D7KU3032
LIGHT SOURCE
30×0.07W
INPUT VOLTAGE(V)
DC 24V 240
OPERATING CURRENT(MA)
24V=135 240V=14
CONSUMPTION(W)
24V=3.2 240V=3.2
LUMINANCE(LM)
92
IK

OUTER DIMENSIONS (Unit: mm)



FEATURES



OPTIONAL LED CCT
3,000K • 6,000K

HOUSING COLOR OPTION

Basic



Sanded Dark Grey
KAP 7037

Secondary



Sanded Black
RAL 9005



Silver Grey
KAP 9022

DATASHEET

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

LIGHT WINDOW D7LY1234: PC T=1mm
D7LX1234: PC T=2mm
D7KW3023 / D7KT3032 / D7KU3032: PC T=2.5mm

GASKET Tooling shaped seal

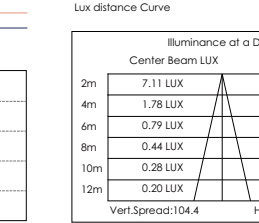
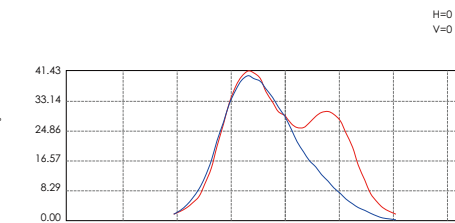
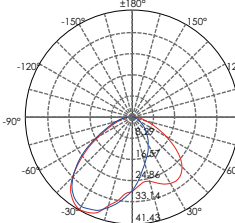
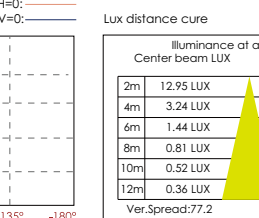
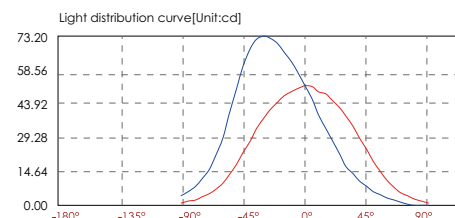
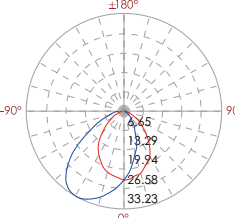
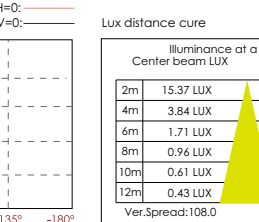
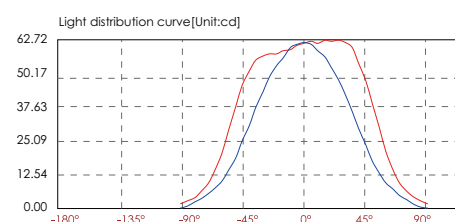
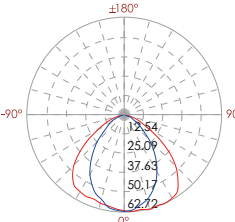
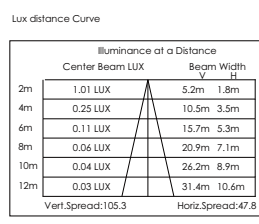
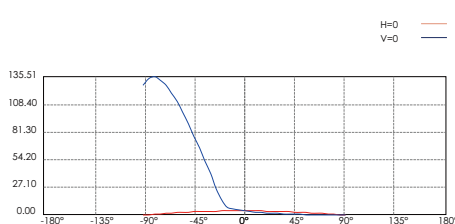
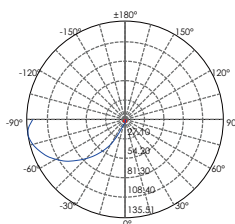
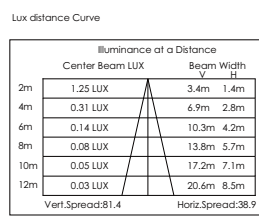
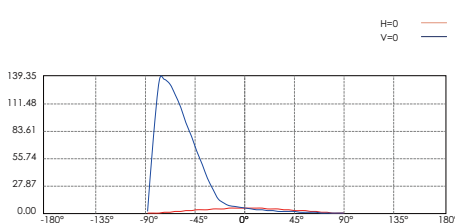
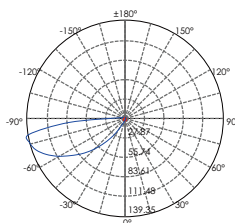
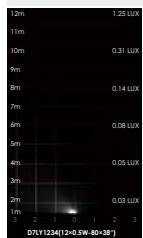
DRIVER Constant Voltage Input, Constant Current Output

OPERATING TEMPERATURE -20°C-40°C

POWER CABLE H05RN-F 3×1.0mm² L=0.3m (high voltage)

MOUNTING SLEEVE ADC12# 149#

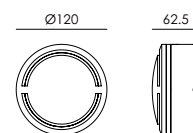
PHOTOMETRIC





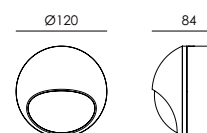
ITEM	D7AL2832
LIGHT SOURCE	28×0.1W NICHIA
INPUT VOLTAGE(V)	DC 24V 240
OPERATING CURRENT(MA)	24V=125 240V=14
CONSUMPTION(W)	24V=3 240V=3
LUMINANCE(LM)	12
IK	IK

OUTER DIMENSIONS (Unit: mm)



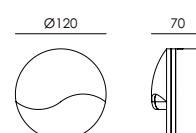
ITEM	D7AK1833
LIGHT SOURCE	18×0.15W NICHIA
INPUT VOLTAGE(V)	DC 24V 240
OPERATING CURRENT(MA)	24V=105 240V=27
CONSUMPTION(W)	24V=2.5 240V=3.3
LUMINANCE(LM)	150
IK	IK

OUTER DIMENSIONS (Unit: mm)

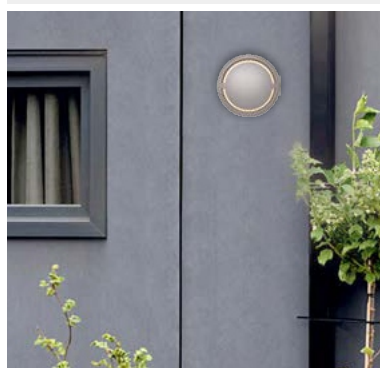


ITEM	D7AJ0634
LIGHT SOURCE	6×0.5W NICHIA
INPUT VOLTAGE(V)	DC 24V 240
OPERATING CURRENT(MA)	24V=100 240V=26
CONSUMPTION(W)	24V=2.4 240V=3
LUMINANCE(LM)	36
IK	IK

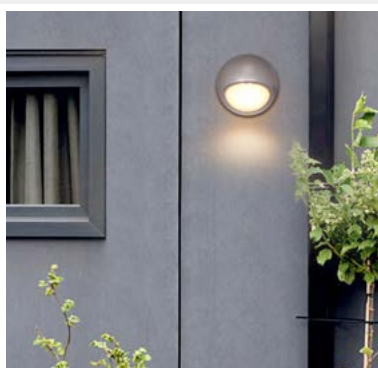
OUTER DIMENSIONS (Unit: mm)



DEMO



D7AL2832



D7AK1833



D7AJ0634

OPTIONAL LED CCT

2,000K · 3,000K · 6,000K

HOUSING COLOR OPTION

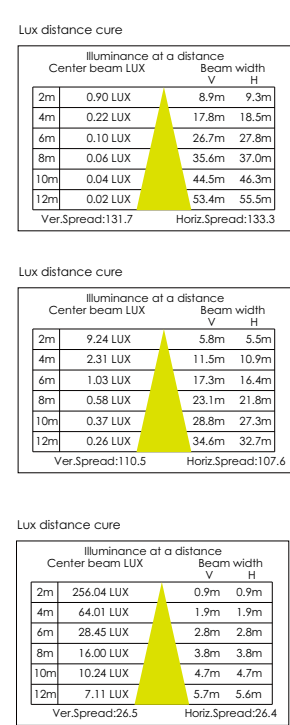
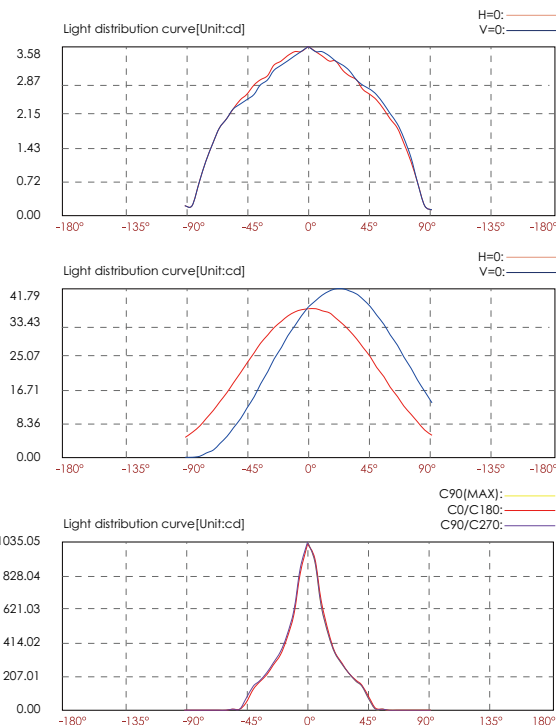
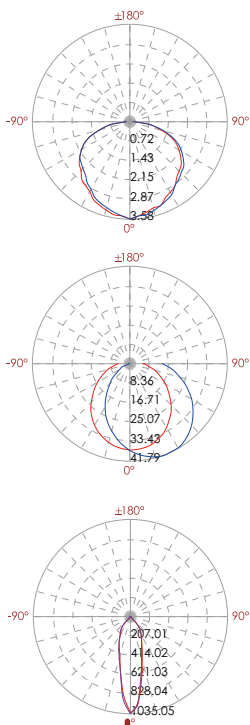
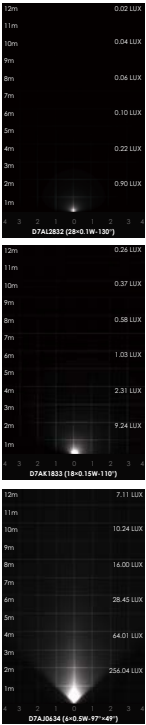
Basic	Secondary
 Sanded Dark Grey KAP 7037	 Sanded Black RAL 9005
 Silver Grey KAP 9022	

DATASHEET

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 3×1.0mm ² L=0.3m(high voltage)



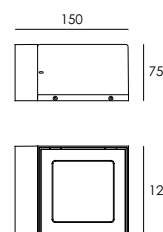
PHOTOMETRIC





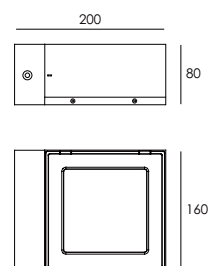
ITEM	B7EMG0459
LIGHT SOURCE	4×3.5W NICHIA
LENS	FB11B4
LENS OPTIONAL DEGREE	30°
INPUT VOLTAGE(V)	DC 24V 120V/240V
OPERATING CURRENT(MA)	24V=630 120V=146 240V=73
CONSUMPTION(W)	24V=15 120=17.5 240V=17
LUMINANCE(LM)	1206
IK	IK

OUTER DIMENSIONS (Unit: mm)

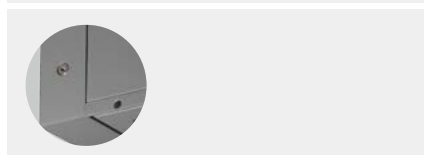


ITEM	B7FMG0958
LIGHT SOURCE	9×3W NICHIA
LENS	FB12B5
LENS OPTIONAL DEGREE	9°
INPUT VOLTAGE(V)	DC 24V 120V/240V
OPERATING CURRENT(MA)	24V=1170 120V=245 240V=133
CONSUMPTION(W)	24V=28 120V=29.6 240V=30
LUMINANCE(LM)	2632
IK	IK

OUTER DIMENSIONS (Unit: mm)

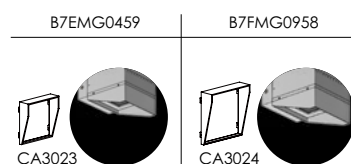


FEATURES



ACCESSORIES(Optional)

HOOD



• CA3038, CA3039, CA3040 for option assembled by user select.

DEMO



B7EMG0459



B7FMG0958

OPTIONAL LED CCT

2000K · 3000K · 6000K

OPTICAL

	FB11B4	9°	15°	20°	30°	45°	60°
	FB12B5	9°	15°	20°	30°	45°	60°

HOUSING COLOR OPTION

Basic	Secondary
Sanded Dark Grey KAP 7037	Sanded Black RAL 9005
	Silver Grey KAP 9022

DATASHEET

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



ITEM
C7EMG0458

LIGHT SOURCE
4×3W NICHIA

LENS
C18

LENS OPTIONAL DEGREE
65°×55°

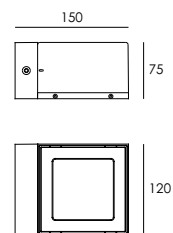
INPUT VOLTAGE(V)
120/240V

OPERATING CURRENT(MA)
120V=106 240V=56

CONSUMPTION(W)
120V=12.6 240V=12.6

LUMINANCE(LM)
520

IK

OUTER DIMENSIONS (Unit: mm)

ITEM
C7FMG1057

LIGHT SOURCE
10×1.8W NICHIA

LENS
C18

LENS OPTIONAL DEGREE
85°×55°

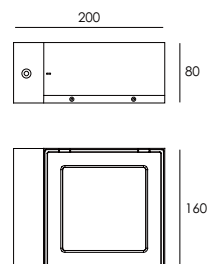
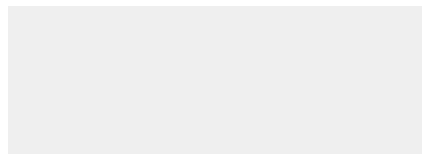
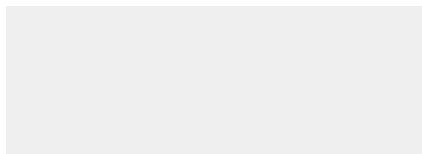
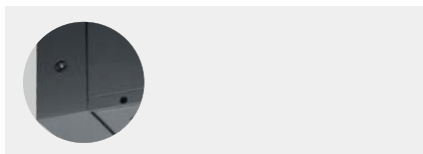
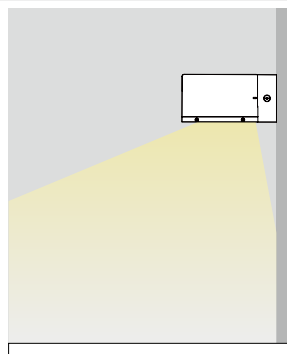
INPUT VOLTAGE(V)
120/240V

OPERATING CURRENT(MA)
120V=165 240V=93

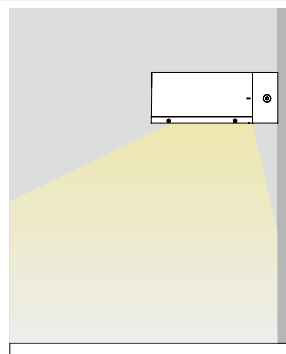
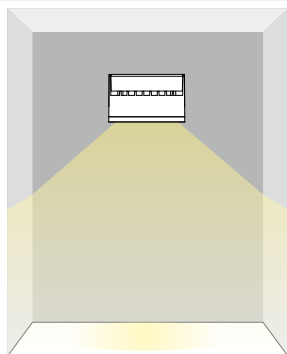
CONSUMPTION(W)
120V=20 240V=20.9

LUMINANCE(LM)
680

IK

OUTER DIMENSIONS (Unit: mm)**FEATURES****LIGHT APPLICATION**

C7EMG0458



C7FMG1057

OPTIONAL LED CCT
2,000K · 3,000K · 6,000K

OPTICAL
C18 | L01 80/60 F077YS

HOUSING COLOR OPTION

Basic

Sanded Dark Grey
KAP 7037

Secondary

Sanded Black
RAL 9005Silver Grey
KAP 9022**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

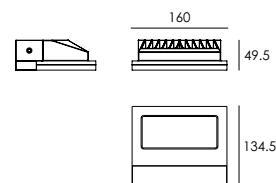
TRIAC PWM 1-10V DALI





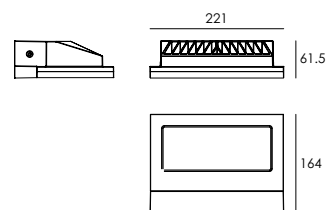
ITEM
C7EKB0359
LIGHT SOURCE
3×3.5W
LENS
FC08B5
LENS OPTIONAL DEGREE
45°/35°
INPUT VOLTAGE(V)
24V DC 120/240V
OPERATING CURRENT(MA)
24V=500 120V=120 240V=55
CONSUMPTION(W)
24V=13 120V=13.2 240V=13
LUMINANCE(LM)
811
IK
05

OUTER DIMENSIONS (Unit: mm)



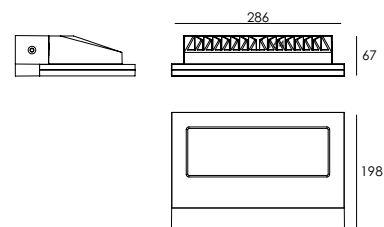
ITEM
C7FKB0559
LIGHT SOURCE
5×3.5W
LENS
FC07B4/FC08B5
LENS OPTIONAL DEGREE
45°/35°
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=750 120V=204 240V=97
CONSUMPTION(W)
24V=18 120V=22.5 240V=22
LUMINANCE(LM)
1370
IK
10

OUTER DIMENSIONS (Unit: mm)



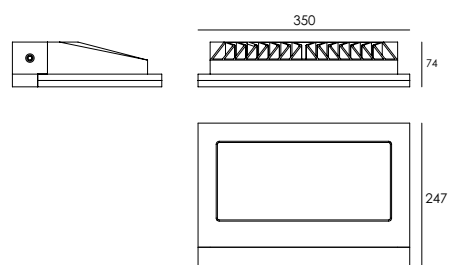
ITEM
C7GKB1259
LIGHT SOURCE
12×3W
LENS
FC08B5
LENS OPTIONAL DEGREE
45°/35°
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=1430 120V=368 240V=174
CONSUMPTION(W)
24V=35 120V=40.5 240V=40
LUMINANCE(LM)
2979
IK
10

OUTER DIMENSIONS (Unit: mm)



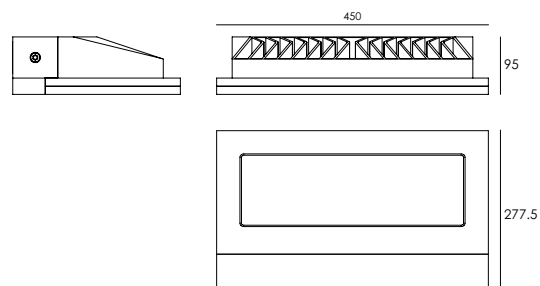
ITEM
C7HKB2158
LIGHT SOURCE
21×3W
LENS
FC07B4/FC08B5
LENS OPTIONAL DEGREE
45°/35°
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=2700 120V=506 240V=254
CONSUMPTION(W)
24V=65 120V=61 240V=60
LUMINANCE(LM)
5312
IK
10

OUTER DIMENSIONS (Unit: mm)

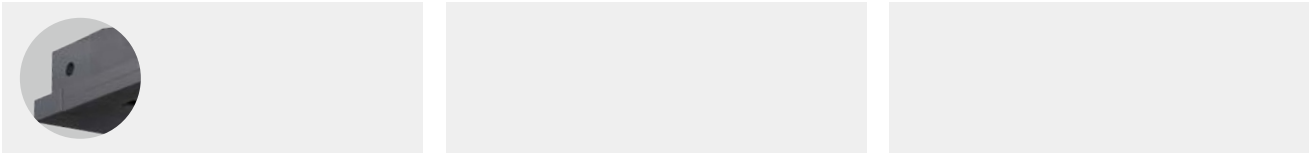


ITEM
C7IKB3058
LIGHT SOURCE
30×2.8W
LENS
FC07B4/FC08B5
LENS OPTIONAL DEGREE
45°/35°
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=4000 120V=820 240V=393
CONSUMPTION(W)
24V=96 120V=90.5 240V=88
LUMINANCE(LM)
6220
IK
06

OUTER DIMENSIONS (Unit: mm)



FEATURES



OVERVIEW



C7EKB0359



C7FKB0559



C7GKB1259



C7HKB2158



C7IKB3058



OPTIONAL LED CCT

2,000K · 3,000K · 6,000K

OPTICAL

	FC08B5	45° 35°
	FC07B4	45° 35°

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

Basic

Sanded Dark Grey
KAP 7037

Secondary

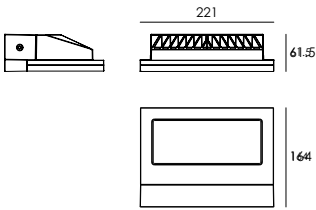
Sanded Black
RAL 9005

Silver Grey
KAP 9022



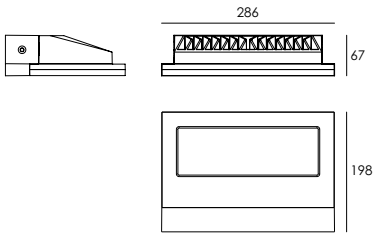
ITEM
C7FKB1057
LIGHT SOURCE
10×1.5W
LENS
C18
LENS OPTIONAL DEGREE
94°×76°
INPUT VOLTAGE(V)
120V/240V
OPERATING CURRENT(MA)
120V=174 240V=91
CONSUMPTION(W)
120V=20 240V=20.1
LUMINANCE(LM)
1372
IK

OUTER DIMENSIONS (Unit: mm)



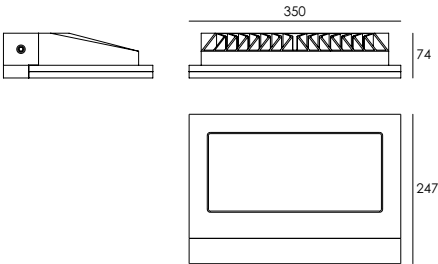
ITEM
C7GKB1257
LIGHT SOURCE
LENS
LENS OPTIONAL DEGREE
INPUT VOLTAGE(V)
120V/240V
OPERATING CURRENT(MA)
CONSUMPTION(W)
LUMINANCE(LM)
IK

OUTER DIMENSIONS (Unit: mm)

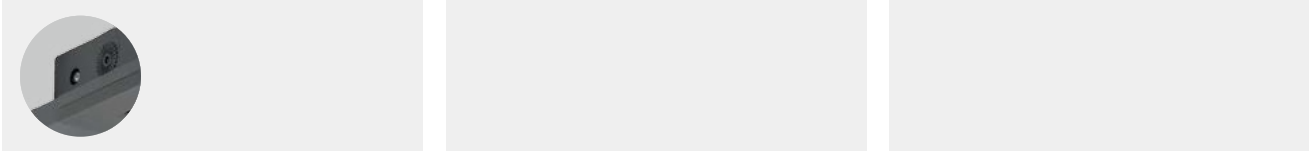


ITEM
C7HKB2157
LIGHT SOURCE
21×1.7W
LENS
C18
LENS OPTIONAL DEGREE
80°×60°
INPUT VOLTAGE(V)
120V/240V
OPERATING CURRENT(MA)
120V=318 240V=172
CONSUMPTION(W)
120V=37.8 240V=38
LUMINANCE(LM)
2257
IK

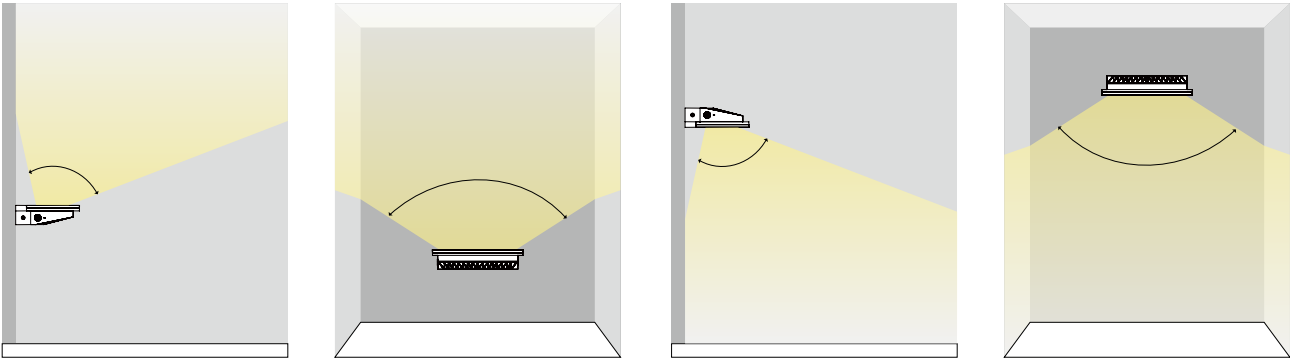
OUTER DIMENSIONS (Unit: mm)



FEATURES



LIGHT APPLICATION



OVERVIEW



OPTIONAL LED CCT

2,000K · 3,000K · 6,000K

OPTICAL

C18 L0180 F077YS

DATASHEET

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

Basic

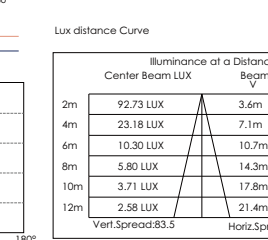
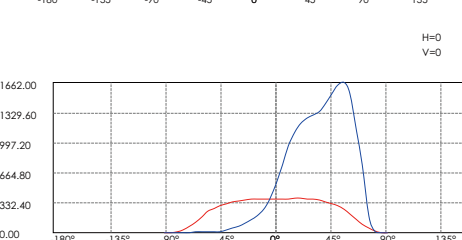
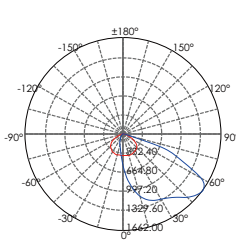
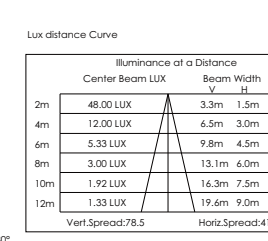
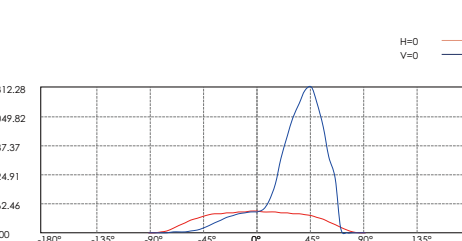
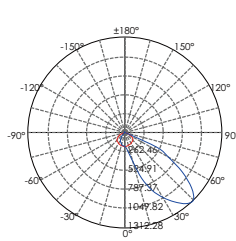
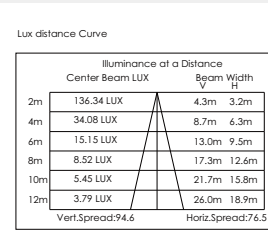
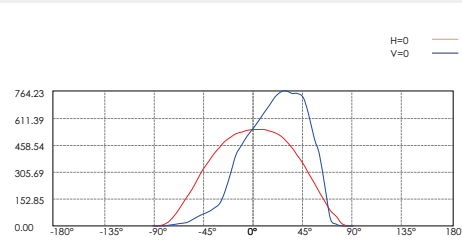
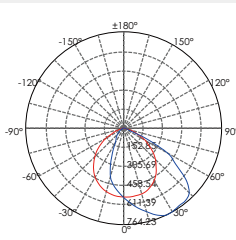
Secondary

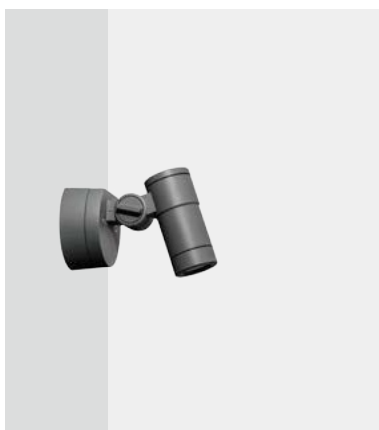
Sanded Dark Grey
KAP 7037

Sanded Black
RAL 9005

Silver Grey
KAP 9022

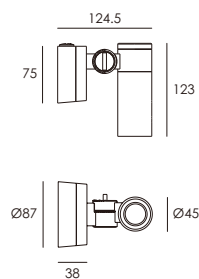
PHOTOMETRIC





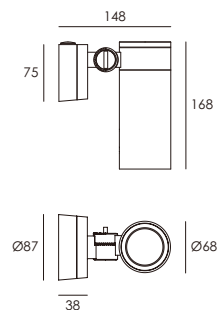
ITEM
B3TMD0158
LIGHT SOURCE
1×3W NICHIA
REFLECTOR
B33D
LENS OPTIONAL DEGREE
20°
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=170 120V=36 240V=22
CONSUMPTION(W)
24V=4.1 120V=4.3 240V=4.3
LUMINANCE(LM)
CW=305 WW=274
IK
06

OUTER DIMENSIONS (Unit: mm)



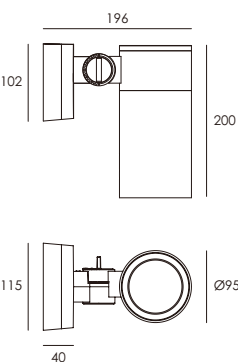
ITEM
B3TND0126
LIGHT SOURCE
1×6W NICHIA
REFLECTOR
B51
LENS OPTIONAL DEGREE
28°
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=325 120V=60 240V=35
CONSUMPTION(W)
24V=7.8 120V=7.4 240V=7.4
LUMINANCE(LM)
CW=740 WW=667
IK
06

OUTER DIMENSIONS (Unit: mm)



ITEM
B3TOD0128
LIGHT SOURCE
1×10W NICHIA
REFLECTOR
B52
LENS OPTIONAL DEGREE
24°
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=480 120V=107 240V=55
CONSUMPTION(W)
24V=11.5 120V=12.6 240V=12.3
LUMINANCE(LM)
CW=1200 WW=1315
IK
06

OUTER DIMENSIONS (Unit: mm)



ITEM
B3TPD0171
LIGHT SOURCE
1×20W NICHIA
REFLECTOR
B66
LENS OPTIONAL DEGREE
25°
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=958 120V=180 240V=93
CONSUMPTION(W)
24V=23 120V=25 240V=25.8
LUMINANCE(LM)
CW=2200 WW=2071
IK
06

OUTER DIMENSIONS (Unit: mm)

ACCESSORIES(Optional)

TREE POLE STRAP

B3TMD0158	B3TND0126	B3TOD0128	B3TPD0171	
				• Tree pole strap for option assembled by user select. • The bandage is made of polyester-cotton. It is made of 65%-67% polyester and 33%-35% cotton blended yarn. • Please refer to p.334 to see more tree pole strap specification and options.
RD003	RD003	RD002	RD002	

HOOD

B3TMD0158	B3TND0126	B3TOD0128	B3TPD0171	
				• CA3006, CA3007, CA3008, CA3012 for option assembled by user select.
CA3006	CA3007	CA3008	CA3012	

HONEYCOMB LOUVER

B3TMD0158	B3TND0126	B3TOD0128	B3TPD0171	
				• Optional Accessory Honeycomb Louver • The measured luminous flux data does not contain the honeycomb, and the data containing is reduced 20 to 30%.
Mh024	Mh025	Mh026	Mh027	

WATER PROOF SOLUTION



INSTALLATION



OVERVIEW



LED COLOUR TEMPERATURE

3,000K • 6,000K

FRONT COVER COLOR

Basic



Sanded Brown
RAL 8019

OPTICAL

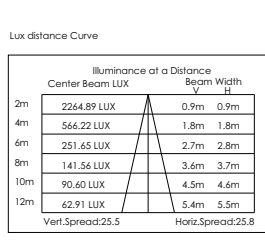
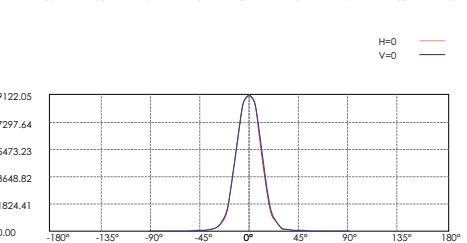
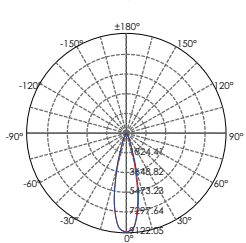
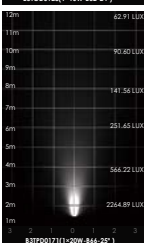
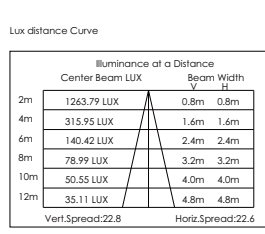
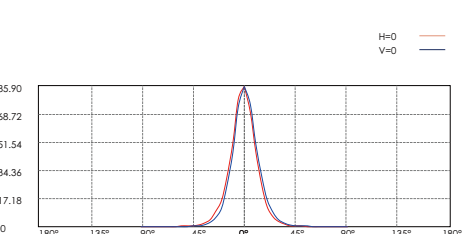
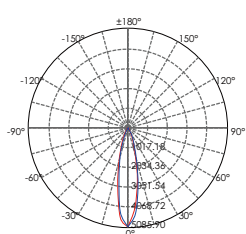
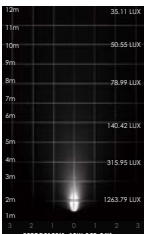
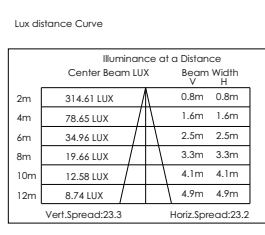
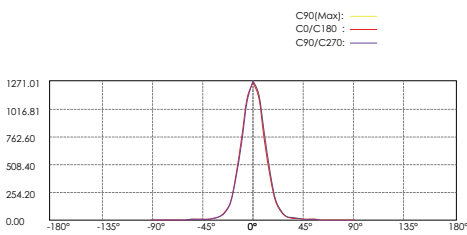
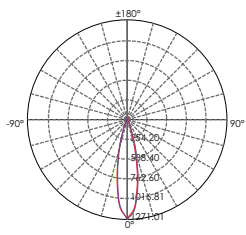
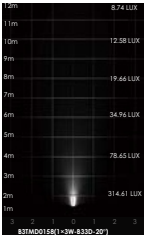
B33 B33D/B33F	9°	15°	20°	30°	45°
B52			20°	36°	
B66		15°	25°	38°	

DATASHEET

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
GASKET	Tooling shaped seal
LED	Nichia
LED DRIVER	Constant Voltage Input,Constant Current Output
LENS/REFLECTOR	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)



PHOTOMETRIC



**ITEM****R3DJM0169****LIGHT SOURCE**

1×16W COB

REFLECTOR

R17

LENS OPTIONAL DEGREE

32°

INPUT VOLTAGE(V)

DC 24V 120/240V

OPERATING CURRENT(MA)

24V=700 120V=145 240V=80

CONSUMPTION(W)

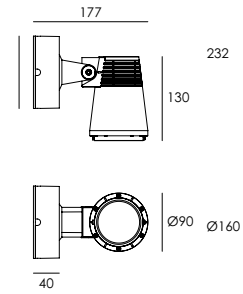
24V=17 120V=17 240V=17

LUMINANCE(LM)

CW=1315 WW=1225

IK

06

OUTER DIMENSIONS (Unit: mm)**ITEM****R3CJM0171****LIGHT SOURCE**

1×20W COB

REFLECTOR

R19

LENS OPTIONAL DEGREE

22°

INPUT VOLTAGE(V)

DC 24V 120/240V

OPERATING CURRENT(MA)

24V=960 120V=205 240V=108

CONSUMPTION(W)

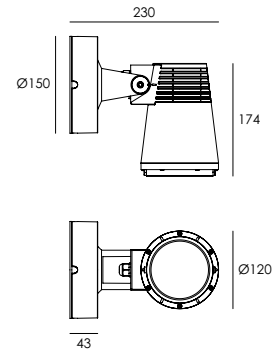
24V=23 120V=23.5 240V=24.2

LUMINANCE(LM)

CW=1753 WW=1543X

IK

06

OUTER DIMENSIONS (Unit: mm)**ITEM****R3BJM0176****LIGHT SOURCE**

1×40W COB

REFLECTOR

R16

LENS OPTIONAL DEGREE

25°

INPUT VOLTAGE(V)

120/240V

OPERATING CURRENT(MA)

120V=372 240V=187

CONSUMPTION(W)

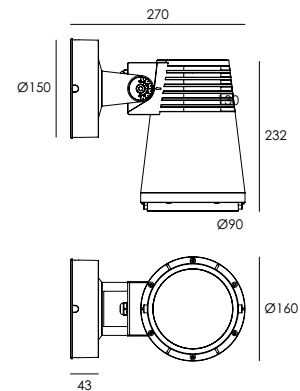
120V=44.8 240V=44.5

LUMINANCE(LM)

CW=3338 WW=2949

IK

06

OUTER DIMENSIONS (Unit: mm)**FEATURES**

ACCESSORIES(Optional)

HOOD



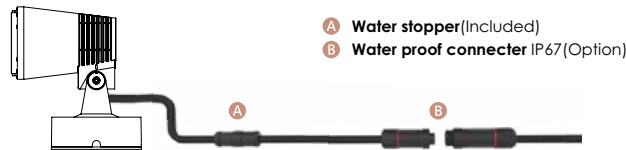
• CA3021, CA3020, CA3019 for option assembled by user select.

HONEYCOMB LOUVER



- Optional Accessory Honeycomb Louver
- The measured luminous flux data does not contain the honeycomb, and the data containing is reduced 20 to 30%.

WATER PROOF SOLUTION



OVERVIEW



LED COLOUR TEMPERATURE

3000K · 6000K

HOUSING COLOR OPTION

Basic

Sanded Dark Grey
KAP 7037

Secondary

Sanded Black
RAL 9005

Silver Grey
KAP 9022

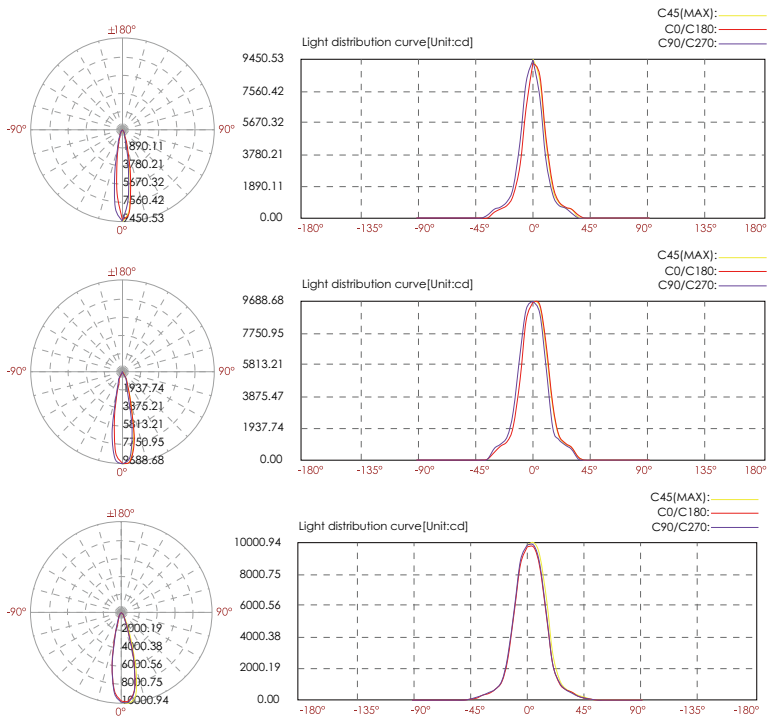
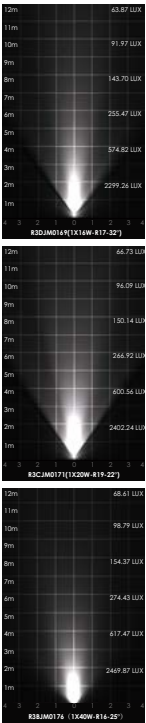
OPTICAL

R17	12°	18°	32°
R19	10°	22°	38°
R16	12°	25°	38°

DATASHEET

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

PHOTOMETRIC



Lux distance cure			
Illuminance at a distance			
Center beam LUX	Beam width V	H	
2m	2299.26 LUX	0.6m	0.6m
4m	571.82 LUX	1.3m	1.3m
6m	255.47 LUX	1.9m	1.9m
8m	143.70 LUX	2.6m	2.5m
10m	91.97 LUX	3.2m	3.2m
12m	63.87 LUX	3.8m	3.8m
Ver.Spread:18.2 Horiz.Spread:18.0			

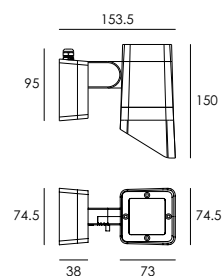
Lux distance cure			
Illuminance at a distance			
Center beam LUX	Beam width V	H	
2m	2402.24 LUX	0.8m	0.8m
4m	600.56 LUX	1.7m	1.7m
6m	266.92 LUX	2.5m	2.5m
8m	150.14 LUX	3.3m	3.3m
10m	96.09 LUX	4.2m	4.1m
12m	66.73 LUX	5.0m	5.0m
Ver.Spread:23.6 Horiz.Spread:23.3			

Lux distance cure			
Illuminance at a distance			
Center beam LUX	Beam width V	H	
2m	2469.87 LUX	0.9m	0.9m
4m	617.47 LUX	1.9m	1.9m
6m	274.43 LUX	2.8m	2.8m
8m	154.37 LUX	3.8m	3.7m
10m	98.79 LUX	4.7m	4.6m
12m	68.61 LUX	5.7m	5.6m
Ver.Spread:26.6 Horiz.Spread:26.1			



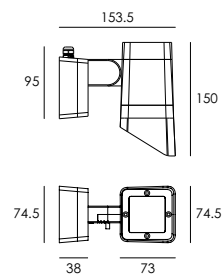
ITEM
B7DVM0167
LIGHT SOURCE
1×8W
LENS
B78
LENS OPTIONAL DEGREE
6°
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=411 120V=86 240V=54
CONSUMPTION(W)
24V=9.8 120V=10 240V=10.4
LUMINANCE(LM)
600
IK

OUTER DIMENSIONS (Unit: mm)



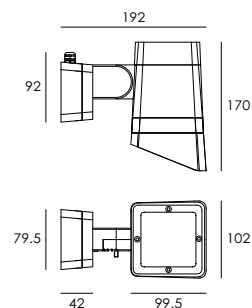
ITEM
B7DVM0127
LIGHT SOURCE
1×8W
LENS
B71
LENS OPTIONAL DEGREE
24°
INPUT VOLTAGE(V)
DC24V 240V
OPERATING CURRENT(MA)
24V=411 240V=45
CONSUMPTION(W)
24V=9.8 240V=10
LUMINANCE(LM)
792
IK

OUTER DIMENSIONS (Unit: mm)

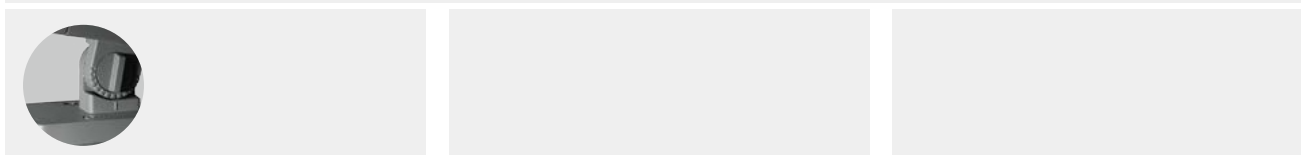


ITEM
B7DWM0460
LIGHT SOURCE
4×4W
LENS
FB11B4
LENS OPTIONAL DEGREE
20°
INPUT VOLTAGE(V)
DC 24V 120/240V
OPERATING CURRENT(MA)
24V=795 120V=142 240V=78
CONSUMPTION(W)
24V=19 120V=17 240V=17.4
LUMINANCE(LM)
1227
IK

OUTER DIMENSIONS (Unit: mm)



FEATURES

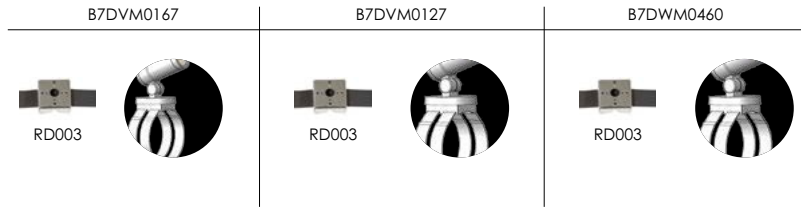


OVERVIEW



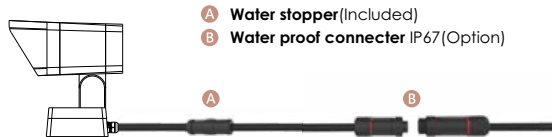
ACCESSORIES(Optional)

SPIKE



- PC/ABS alloys for option assembled by user select.
- Stainless Steel and the others for option.

WATER PROOF SOLUTION



LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICAL

	B78	6°
	B71	15° 24° 33° 45° 60°
	FB1184	9° 15° 20° 30° 45° 60°

HOUSING COLOR OPTION

Basic

Sanded Dark Grey
KAP 7037

Secondary

Sanded Black
RAL 9005

Silver Grey
KAP 9022

DATASHEET

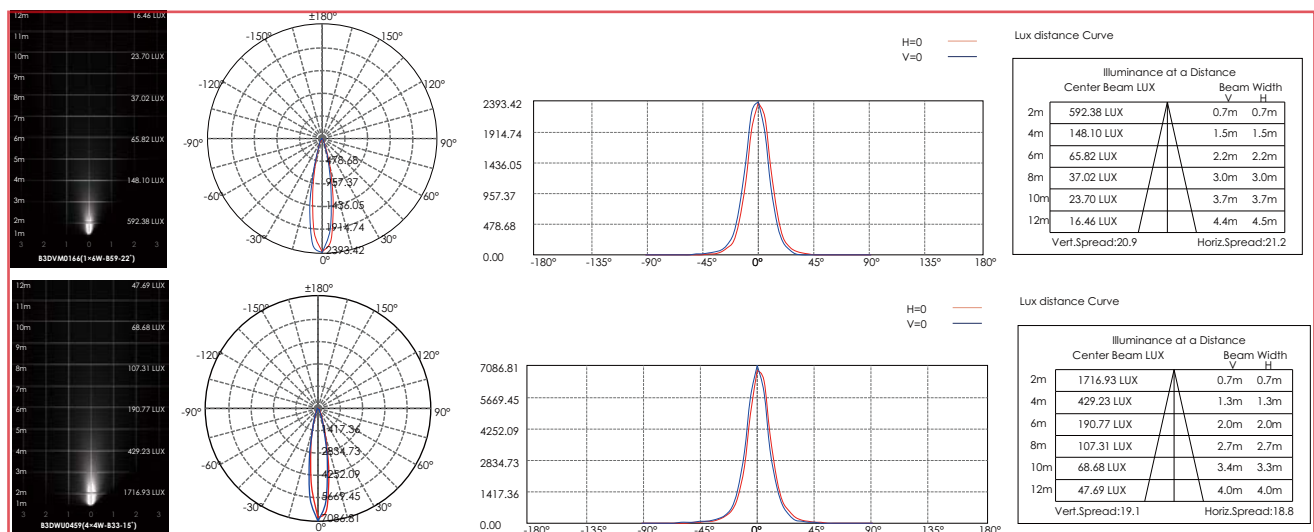
HOUSING	12# Die-casting dark grey powder coated aluminum. T=60-80μm. Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	Tempered Glass.T=3mm
LED	NICHIA
LED DRIVER	Constant Voltage Input,Constant Current Output
CABLE GLAND	IP68 PG-9 PA66
GASKET	Tooling shaped seal
POWER CABLE	H05RN-F 2X1.0mm ² L=0.3 m(low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

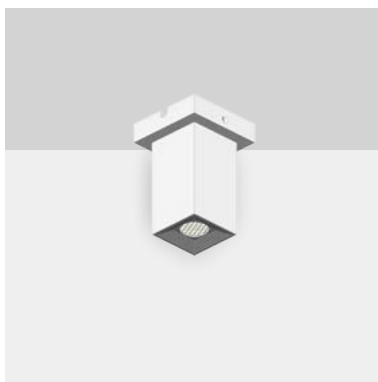
DIMMABLE SUPPORT

INSTALLATION



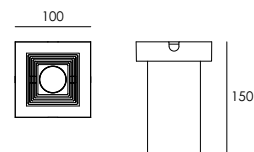
PHOTOMETRIC





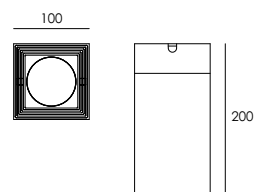
ITEM
B8VH0126
LIGHT SOURCE
1×6W
SELECTED DEGREE(°)Ø1/2
80
INPUT VOLTAGE(V)
DC 24V 120/240VV
OPERATING CURRENT(MA)
24V=330 120V=60 240V=33
CONSUMPTION(W)
24V=7.9 120V=7 240V=6.9
LUMINANCE(LM)
240V=699
IK

OUTER DIMENSIONS (Unit: mm)



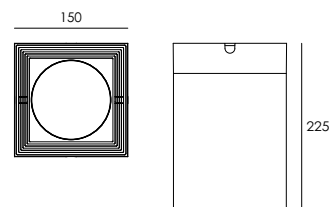
ITEM
B8WH0170
LIGHT SOURCE
1×18W
SELECTED DEGREE(°)Ø1/2
55°
INPUT VOLTAGE(V)
DC 24V 120/240VV
OPERATING CURRENT(MA)
24V=800 120V=178 240V=90
CONSUMPTION(W)
24V=19.2 120V=20 240V=20
LUMINANCE(LM)
240V=2098
IK

OUTER DIMENSIONS (Unit: mm)



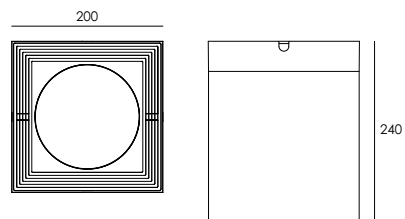
ITEM
B8XH0174
LIGHT SOURCE
1×29W
SELECTED DEGREE(°)Ø1/2
80
INPUT VOLTAGE(V)
DC 24V 240V
OPERATING CURRENT(MA)
24V=1130 240V=146
CONSUMPTION(W)
24V=27 240V=31
LUMINANCE(LM)
240V=2777
IK

OUTER DIMENSIONS (Unit: mm)



ITEM
B8YH0176
LIGHT SOURCE
1×40W
SELECTED DEGREE(°)Ø1/2
80
INPUT VOLTAGE(V)
DC 24V 240V
OPERATING CURRENT(MA)
24V= 240V=190
CONSUMPTION(W)
24V=240V=45
LUMINANCE(LM)
IK

OUTER DIMENSIONS (Unit: mm)



OPTIONAL LED CCT

3000K · 6000K

LENS

	B71	15°	24°	33°	45°	60°
	B66	15°	20°	25°	38°	55°
	B57	15°	25°	36°	60°	

HOUSING COLOR OPTION



Sanded Black
RAL 9005



Dark Grey
RAL 7037

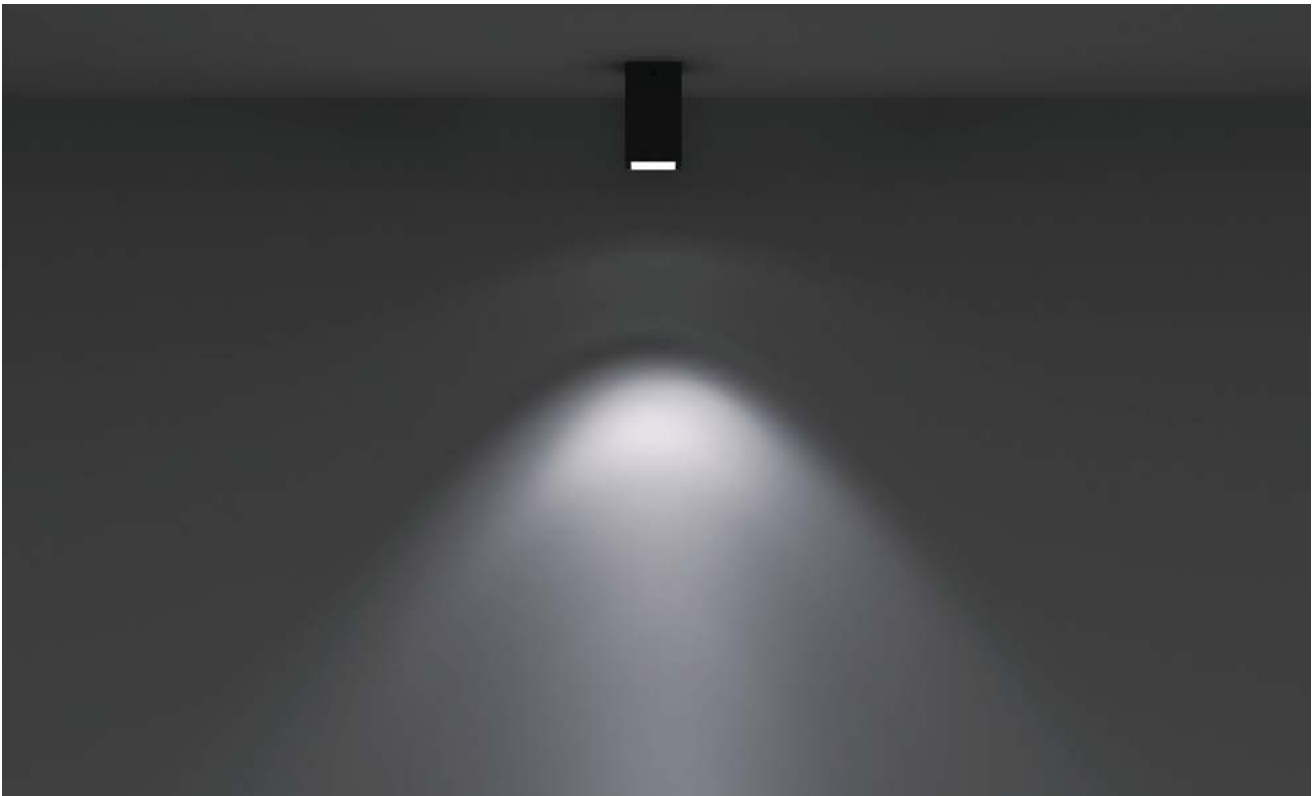


Sanded White
RAL 9003

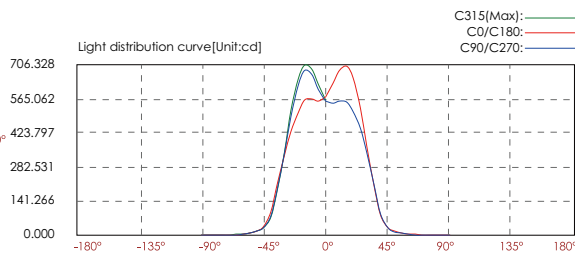
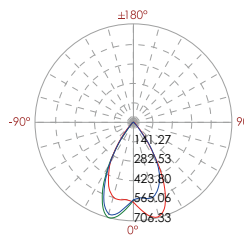
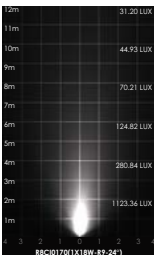
DATASHEET

HOUSING MATERIAL	Extruded aluminum alloy #6063
PAINTING	Powder coating, T= 60~80 μm. 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

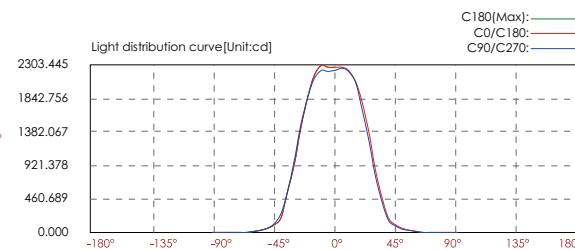
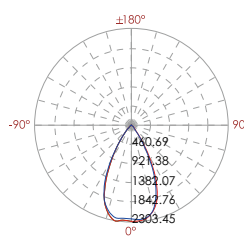
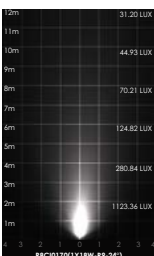


PHOTOMETRIC



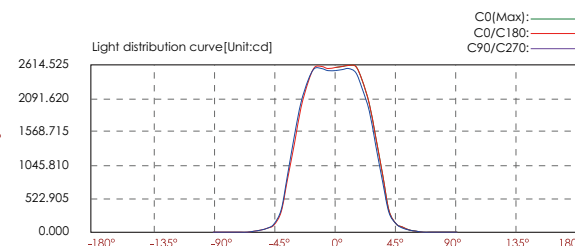
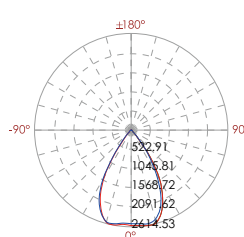
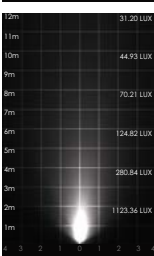
Lux distance cure

Illuminance at a distance		Beam width	
Center beam LUX	V	H	
2m	143.86 LUX	2.5m	2.5m
4m	35.97 LUX	5.1m	5.0m
6m	15.98 LUX	7.6m	7.5m
8m	8.99 LUX	10.2m	10.1m
10m	5.75 LUX	12.7m	12.6m
12m	4.00 LUX	15.3m	15.1m
Horiz.Spread:64.9		Vert.Spread:64.4	



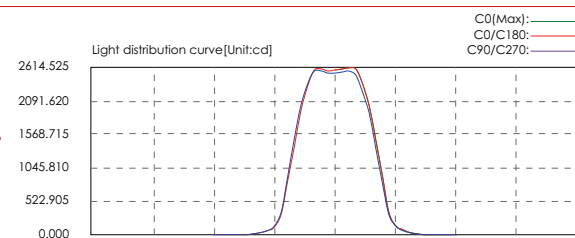
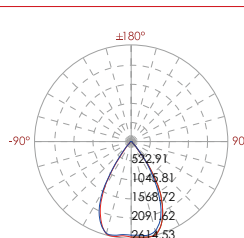
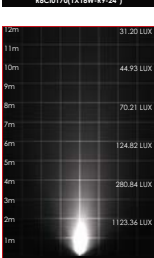
Lux distance cure

Illuminance at a distance		Beam width	
Center beam LUX	V	H	
2m	570.40 LUX	2.1m	2.1m
4m	142.60 LUX	4.2m	4.2m
6m	63.38 LUX	6.3m	6.3m
8m	35.65 LUX	8.4m	8.4m
10m	22.82 LUX	10.5m	10.4m
12m	15.84 LUX	12.7m	12.5m
Horiz.Spread:55.6		Vert.Spread:55.2	



Lux distance cure

Illuminance at a distance		Beam width	
Center beam LUX	V	H	
2m	645.83 LUX	2.5m	2.5m
4m	161.46 LUX	4.9m	4.9m
6m	71.76 LUX	7.4m	7.4m
8m	40.36 LUX	9.9m	9.8m
10m	25.83 LUX	12.3m	12.3m
12m	17.94 LUX	14.8m	14.7m
Horiz.Spread:63.3		Vert.Spread:63.0	



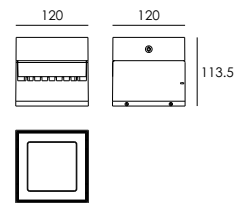
Lux distance cure

Illuminance at a distance		Beam width	
Center beam LUX	V	H	
2m	645.83 LUX	2.5m	2.5m
4m	161.46 LUX	4.9m	4.9m
6m	71.76 LUX	7.4m	7.4m
8m	40.36 LUX	9.9m	9.8m
10m	25.83 LUX	12.3m	12.3m
12m	17.94 LUX	14.8m	14.7m
Horiz.Spread:63.3		Vert.Spread:63.0	



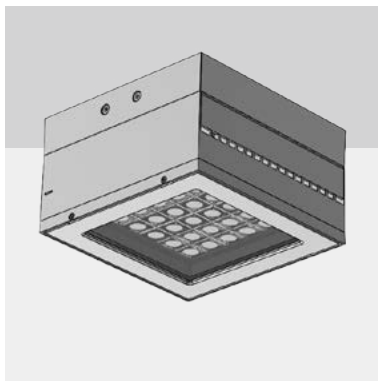
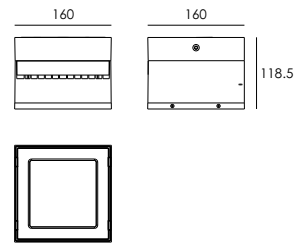
ITEM
B8ELB0459
LIGHT SOURCE
4×3.5W
SELECTED DEGREE(°)Ø1/2
30°
INPUT VOLTAGE(V)
DC 24V 120/240VV
OPERATING CURRENT(MA)
24V=630 120V=146 240V=73
CONSUMPTION(W)
24V=15 120V=17.5 240V=17
LUMINANCE(LM)
1206
IK

OUTER DIMENSIONS (Unit: mm)



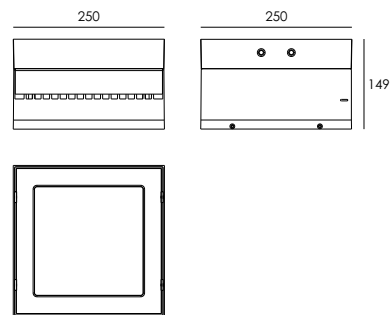
ITEM
B8FLB0958
LIGHT SOURCE
9×3W
SELECTED DEGREE(°)Ø1/2
30°
INPUT VOLTAGE(V)
DC 24V 120/240VV
OPERATING CURRENT(MA)
24V=1170 120V=245 240V=133
CONSUMPTION(W)
24V=28 120V=29.8 240V=29.6
LUMINANCE(LM)
2541
IK

OUTER DIMENSIONS (Unit: mm)



ITEM
B8GLB2558
LIGHT SOURCE
25×3W
SELECTED DEGREE(°)Ø1/2
30°
INPUT VOLTAGE(V)
DC 24V 120/240VV
OPERATING CURRENT(MA)
24V=3420 120V=596 240V=306
CONSUMPTION(W)
24V=82 120V=71.2 240V=71
LUMINANCE(LM)
5832
IK

OUTER DIMENSIONS (Unit: mm)



ACCESSORIES(Optional)

HOOD

B8ELB0459	B8FLB0958	B8GLB2558	
			• CA3026, CA3027, CA3028 for option assembled by user select.
CA3026	CA3027	CA3028	

OPTIONAL LED CCT

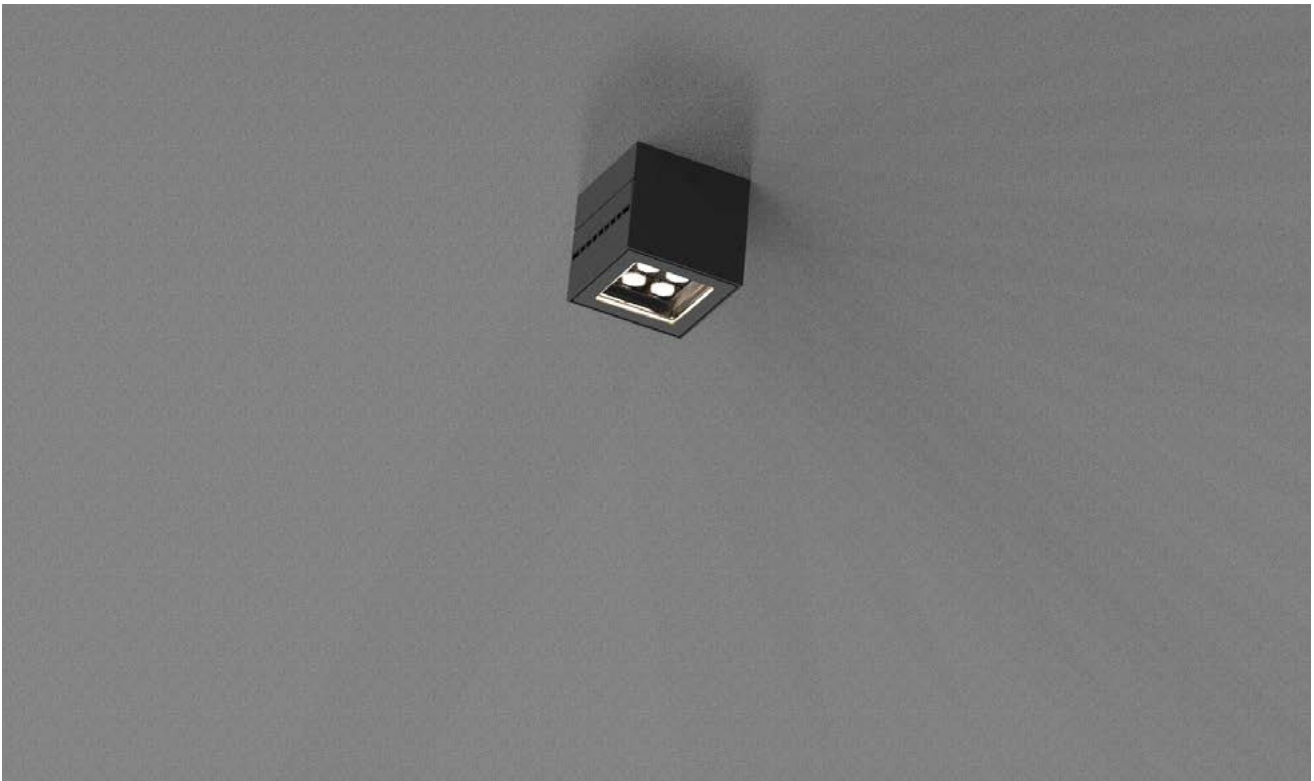
3000K · 6000K

LENS

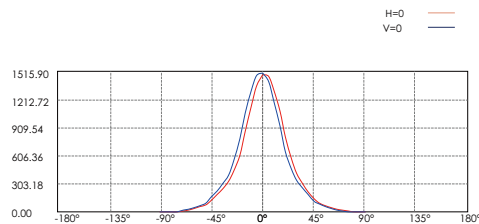
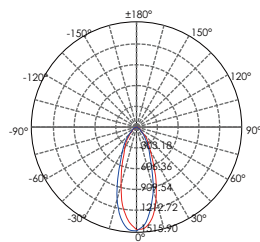
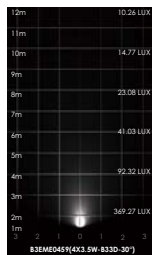
FB11B4	9°	15°	20°	30°	45°	60°
FB12B5	9°	15°	20°	30°	45°	60°

DATASHEET

HOUSING MATERIAL	Extruded aluminum alloy #6063
PAINTING	Powder coating, T= 60~80 μm. 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

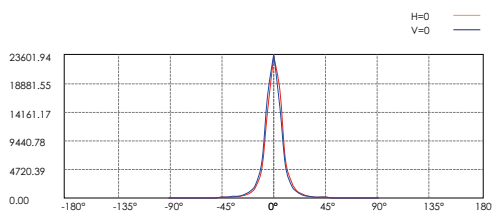
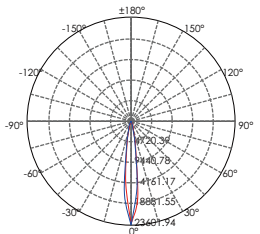
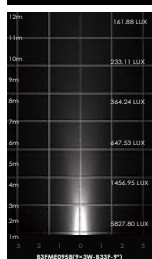


PHOTOMETRIC



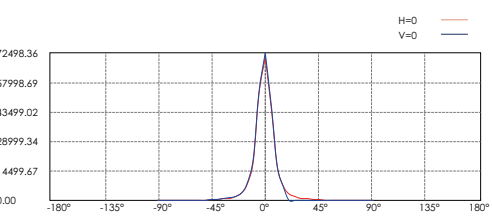
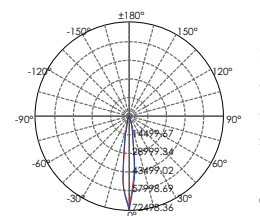
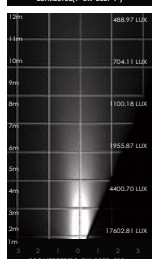
Lux distance Curve

Illuminance at a Distance		
Center Beam LUX	Beam Width V	Beam Width H
2m	369.27 LUX	1.4m 1.4m
4m	92.32 LUX	2.8m 2.8m
6m	41.03 LUX	4.2m 4.3m
8m	23.08 LUX	5.6m 5.7m
10m	14.77 LUX	7.0m 7.1m
12m	10.26 LUX	8.4m 8.5m
Vert.Spread:38.6		Horiz.Spread:39.0



Lux distance Curve

Illuminance at a Distance		
Center Beam LUX	Beam Width V	Beam Width H
2m	5827.80 LUX	0.5m 0.5m
4m	1456.95 LUX	1.0m 1.0m
6m	647.53 LUX	1.5m 1.5m
8m	364.24 LUX	2.0m 2.0m
10m	233.11 LUX	2.4m 2.4m
12m	161.88 LUX	2.9m 2.9m
Vert.Spread:14.0		Horiz.Spread:14.0



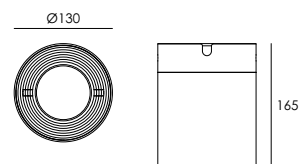
Lux distance Curve

Illuminance at a Distance		
Center Beam LUX	Beam Width V	Beam Width H
2m	17602.81 LUX	0.5m 0.5m
4m	4400.70 LUX	1.0m 1.0m
6m	1955.87 LUX	1.4m 1.5m
8m	1100.18 LUX	1.9m 2.0m
10m	704.11 LUX	2.4m 2.5m
12m	488.97 LUX	2.9m 3.0m
Vert.Spread:13.8		Horiz.Spread:14.2



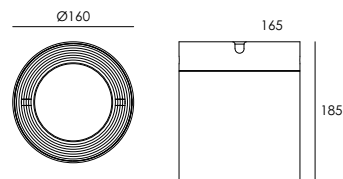
ITEM
B8CJ0170
LIGHT SOURCE
1×18W
SELECTED DEGREE(°)Ø1/2
55°
INPUT VOLTAGE(V)
DC 24V 120/240VV
OPERATING CURRENT(MA)
24V=840 / 120V=172 / 240V=91
CONSUMPTION(W)
24V=20.4 / 120V=20.6 / 240V=20.9
LUMINANCE(LM)
240V=2205
IK
06

OUTER DIMENSIONS (Unit: mm)



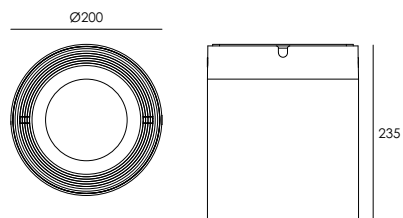
ITEM
B8EK0174
LIGHT SOURCE
1×30W
SELECTED DEGREE(°)Ø1/2
60°
INPUT VOLTAGE(V)
DC 24V 120/240VV
OPERATING CURRENT(MA)
24V=1130 120V=270 240V=146
CONSUMPTION(W)
24V=27 120V=30 240V=31
LUMINANCE(LM)
240V=2851
IK
06

OUTER DIMENSIONS (Unit: mm)



ITEM
B8ER0178
LIGHT SOURCE
1×48W
SELECTED DEGREE(°)Ø1/2
60°
INPUT VOLTAGE(V)
240VAC
OPERATING CURRENT(MA)
240V=216
CONSUMPTION(W)
240V=50
LUMINANCE(LM)
240V=4482
IK

OUTER DIMENSIONS (Unit: mm)



ACCESSORIES(Optional)

HONEYCOMB LOUVER



• Mh074, Mh072, Mh066, for option assembled by user select.

HOOD



• Mh073, Mh071, Mh065, for option assembled by user select.

OPTIONAL LED CCT

3000K · 6000K

LENS

	B66	15°	20°	25°	38°	55°
	B57	15°	25°	36°	60°	

HOUSING COLOR OPTION

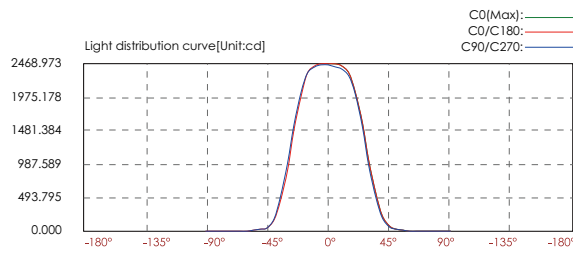
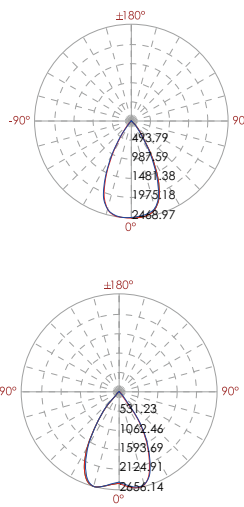
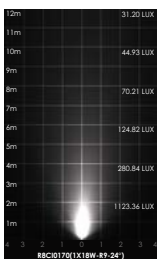


DATASHEET

HOUSING MATERIAL	Extruded aluminum alloy #6063
PAINTING	Powder coating, T= 60~80 μm. 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

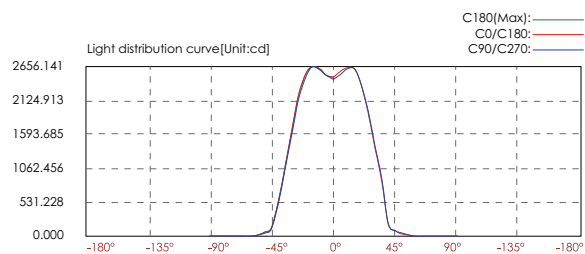
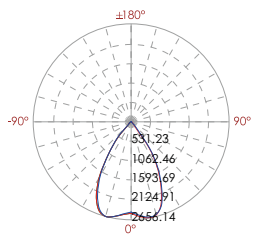
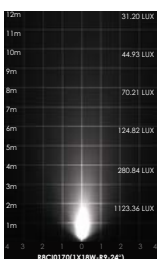


PHOTOMETRIC



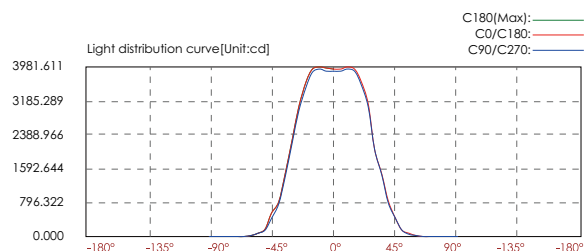
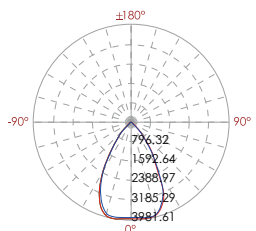
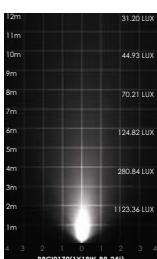
Lux distance cure

Illuminance at a distance			
Center beam LUX	Beam width V	Beam width H	
2m 615.63 LUX	2.1m	2.1m	
4m 153.91 LUX	4.2m	4.2m	
6m 68.40 LUX	6.3m	6.4m	
8m 38.48 LUX	8.4m	8.5m	
10m 24.63 LUX	10.5m	10.6m	
12m 17.10 LUX	12.7m	12.7m	
Vert.Spread:55.9		Horiz.Spread:55.6	



Lux distance cure

Illuminance at a distance			
Center beam LUX	Beam width V	Beam width H	
2m 621.38 LUX	2.6m	2.6m	
4m 155.34 LUX	5.2m	5.1m	
6m 69.04 LUX	7.7m	7.7m	
8m 38.84 LUX	10.3m	10.3m	
10m 24.86 LUX	12.9m	12.9m	
12m 17.26 LUX	15.5m	15.4m	
Horiz.Spread:65.7		Vert.Spread:65.5	



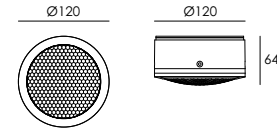
Lux distance cure

Illuminance at a distance			
Center beam LUX	Beam width V	Beam width H	
2m 982.66 LUX	2.5m	2.4m	
4m 245.66 LUX	4.9m	4.9m	
6m 109.18 LUX	7.4m	7.3m	
8m 61.42 LUX	9.8m	9.7m	
10m 39.31 LUX	12.3m	12.2m	
12m 27.30 LUX	14.7m	14.6m	
Horiz.Spread:63.1		Vert.Spread:62.7	



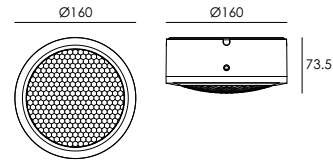
ITEM
D8AM2840
LIGHT SOURCE
28×0.25W
SELECTED DEGREE(°)Ø1/2
120°
INPUT VOLTAGE(V)
240
OPERATING CURRENT(MA)
37
CONSUMPTION(W)
8.8
LUMINANCE(LM)
475
IK

OUTER DIMENSIONS (Unit: mm)



ITEM
D8BM3034
LIGHT SOURCE
30×0.5W
SELECTED DEGREE(°)Ø1/2
120°
INPUT VOLTAGE(V)
240
OPERATING CURRENT(MA)
61
CONSUMPTION(W)
15
LUMINANCE(LM)
997
IK

OUTER DIMENSIONS (Unit: mm)



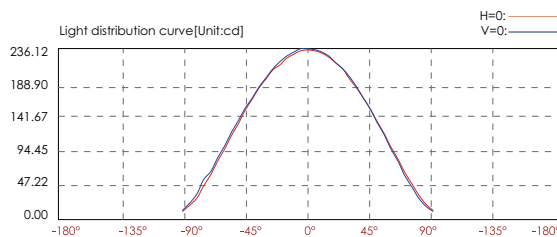
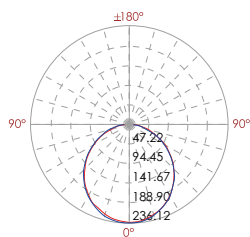
LED COLOUR TEMPERATURE

3,000K · 6,000K

DATASHEET

HOUSING MATERIAL Extruded aluminum alloy #6063
PAINTING Powder coating, T= 60~80 µm.
Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW PC=2.5mm
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

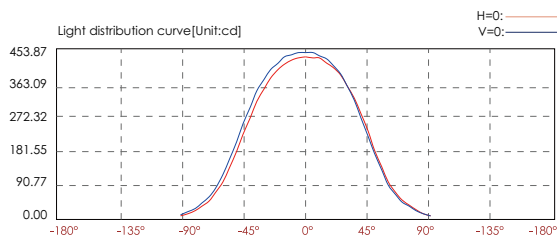
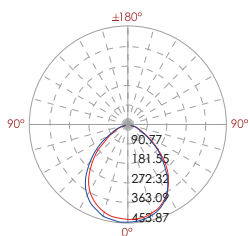
PHOTOMETRIC CURVES



Lux distance curve

Illuminance at a distance			
Center beam LUX	Beam width	V	H
2m 58.17 LUX	5.6m	5.7m	
4m 14.54 LUX	11.2m	11.4m	
6m 6.46 LUX	16.9m	17.1m	
8m 3.64 LUX	22.5m	22.8m	
10m 2.33 LUX	28.1m	28.5m	
12m 1.62 LUX	33.7m	34.2m	

Ver.Spread:109.2 Horiz.Spread:110.0



Lux distance curve

Illuminance at a distance			
Center beam LUX	Beam width	V	H
2m 108.25 LUX	4.1m	4.2m	
4m 27.06 LUX	8.2m	8.3m	
6m 12.03 LUX	12.2m	12.5m	
8m 6.77 LUX	16.3m	16.7m	
10m 4.33 LUX	20.4m	20.8m	
12m 3.01 LUX	24.5m	25.0m	

Ver.Spread:91.2 Horiz.Spread:92.4



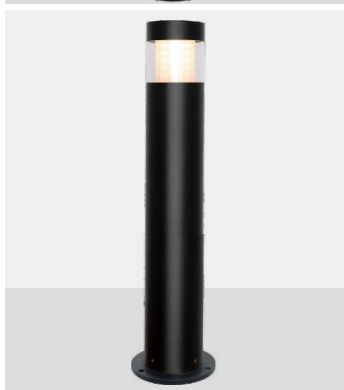
POLE LIGHT



ITEM	B9AGL0166
LIGHT SOURCE	SMD4040×6W
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=340 120V=108 240V=77
CONSUMPTION(W)	24V=7.3 120V=7.7 240V=7.3
LUMINANCE(LM)	183

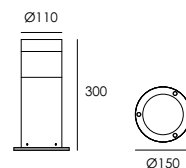


ITEM	B9AGM0166
LIGHT SOURCE	SMD4040×6W
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=340 120V=108 240V=77
CONSUMPTION(W)	24V=7.3 120V=7.7 240V=7.3
LUMINANCE(LM)	183

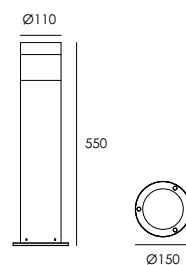


ITEM	B9AGH0166
LIGHT SOURCE	SMD4040×6W
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=340 120V=108 240V=77
CONSUMPTION(W)	24V=7.3 120V=7.7 240V=7.3
LUMINANCE(LM)	183

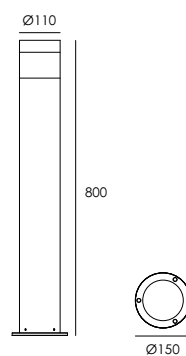
OUTER DIMENSIONS (Unit: mm)



OUTER DIMENSIONS (Unit: mm)



OUTER DIMENSIONS (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)

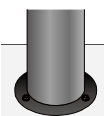
BASE Standard Base Flange base

DIMMABLE SUPPORT Triac PWM 1-10V Dali

BASE

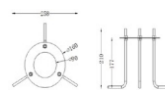
1. Flange Base

FB00130



2. Landing Base

JC3001



• Flange base is an basic part which you need to assembled the landing base.



LED COLOUR TEMPERATURE

3,000K · 6,000K

HOUSING COLOR OPTION

Basic

Sanded Black
RAL 9005

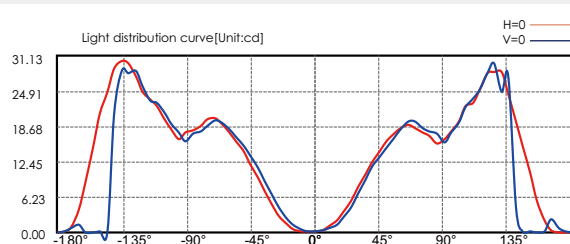
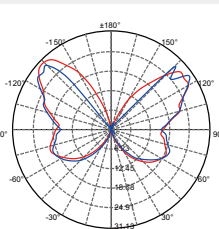
Secondary

Dark Grey
KAP 7037

Light Sanded Grey
RAL 7038

IP65 Water Proof LED
and Driver Module

PHOTOMETRIC



Lux distance cure

Center Beam LUX	Beam Width
2m	0.03 LUX 0.0m 0.0m
4m	0.01 LUX 0.0m 0.0m
6m	0.00 LUX 0.0m 0.0m
8m	0.00 LUX 0.0m 0.0m
10m	0.00 LUX 0.0m 0.0m
12m	0.00 LUX 0.0m 0.0m
Vert.Spread:0.0	Horiz.Spread:0.0



ITEM
B9ANL0166

LIGHT SOURCE
1×6W

INPUT VOLTAGE(V)
DC24V 120/240V

OPERATING CURRENT(MA)
24V= 340 120V=108 240V=60

CONSUMPTION(W)
24V=8.1 120V=7.7 240V=8.1

LUMINANCE(LM)
CW=150 WW=130

ITEM
B9ANM0166

LIGHT SOURCE
1×6W

INPUT VOLTAGE(V)
DC24V 120/240V

OPERATING CURRENT(MA)
24V= 340 120V=108 240V=60

CONSUMPTION(W)
24V=8.1 120V=7.7 240V=8.1

LUMINANCE(LM)
CW=150 WW=130

ITEM
B9ANH0166

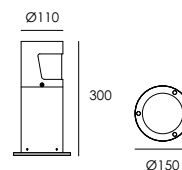
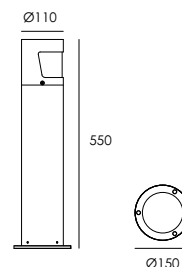
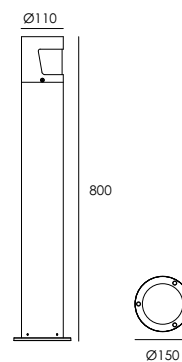
LIGHT SOURCE
1×6W

INPUT VOLTAGE(V)
DC24V 120/240V

OPERATING CURRENT(MA)
24V= 340 120V=108 240V=60

CONSUMPTION(W)
24V=8.1 120V=7.7 240V=8.1

LUMINANCE(LM)
CW=150 WW=130

OUTER DIMENSIONS (Unit: mm)**OUTER DIMENSIONS (Unit: mm)****OUTER DIMENSIONS (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

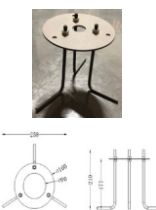
DIMMABLE SUPPORT Triac PWM 1-10V Dali

BASE

1. Flange Base



2. Landing Base



• Flange base is a basic part which you need to assembled the landing base.

LED COLOUR TEMPERATURE

3,000K · 6,000K

HOUSING COLOR OPTION

Basic

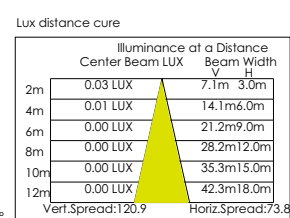
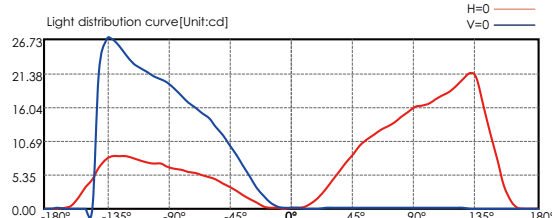
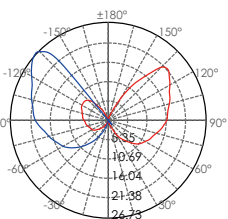
Sanded Black
RAL 9005

Secondary

Dark Grey
KAP 7037

Light Sanded Grey
RAL 7038

IP65 Water Proof LED
and Driver Module

PHOTOMETRIC

POLE LIGHT



ITEM
B9ASL0166

LIGHT SOURCE
SMD3535×6W

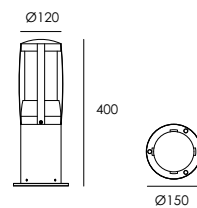
INPUT VOLTAGE(V)
DC24V 120/240V

OPERATING CURRENT(MA)
24V=340 120V=108 240V=60

CONSUMPTION(W)
24V=8.1 120V=7.7 240V=8.2

LUMINANCE(LM)
WW=138

OUTER DIMENSIONS (Unit: mm)



ITEM
B9ASM0166

LIGHT SOURCE
SMD3535×6W

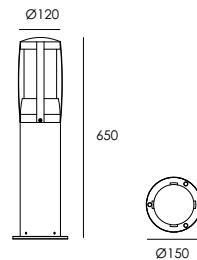
INPUT VOLTAGE(V)
DC24V 120/240V

OPERATING CURRENT(MA)
24V=340 120V=108 240V=60

CONSUMPTION(W)
24V=8.1 120V=7.7 240V=8.2

LUMINANCE(LM)
WW=138

OUTER DIMENSIONS (Unit: mm)



ITEM
B9ASH0166

LIGHT SOURCE
SMD3535×6W

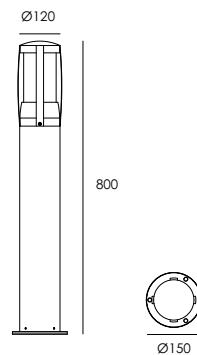
INPUT VOLTAGE(V)
DC24V 120/240V

OPERATING CURRENT(MA)
24V=340 120V=108 240V=60

CONSUMPTION(W)
24V=8.1 120V=7.7 240V=8.2

LUMINANCE(LM)
WW=138

OUTER DIMENSIONS (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

BASE

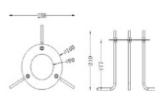
1. Flange Base

FB00130



2. Landing Base

JC3001



• Flange base is a basic part which you need to assemble the landing base.



LED COLOUR TEMPERATURE

3,000K · 6,000K

HOUSING COLOR OPTION

Basic

Secondary

Sanded Black
RAL 9005

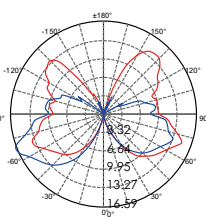
Dark Grey
KAP 7037

Light Sanded Grey
RAL 7038

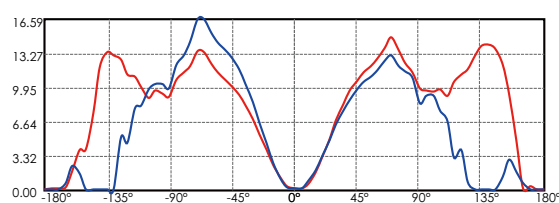


IP65 Water Proof LED
and Driver Module

PHOTOMETRIC



Light distribution curve [Unit: cd]

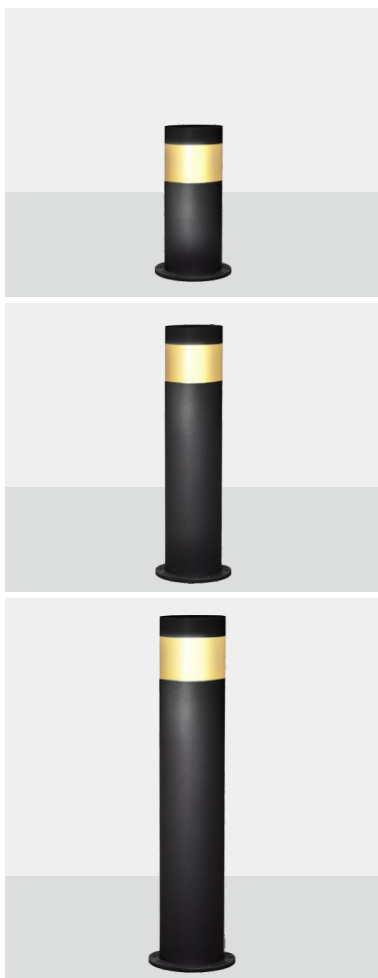


H=0
V=0

Lux distance cure

Illuminance at a Distance		Beam Width	
Center Beam LUX	V	H	
0.05 LUX	0.0m	1.5m	
0.01 LUX	0.0m	3.0m	
0.01 LUX	0.0m	4.5m	
0.00 LUX	0.0m	5.9m	
0.00 LUX	0.0m	7.4m	
0.00 LUX	0.0m	8.9m	
Vert. Spread: 0.0		Horiz. Spread: 40.8	

POLE LIGHT



ITEM

D9ADL4234

LIGHT SOURCE

42×0.2W

INPUT VOLTAGE(V)

DC24V 120/240V

OPERATING CURRENT(MA)

24V=415 120V=76 240V=41

CONSUMPTION(W)

24V=10 120V=8.6 240V=9

LUMINANCE(LM)

WW=586

ITEM

D9ADM4234

LIGHT SOURCE

42×0.2W

INPUT VOLTAGE(V)

DC24V 120/240V

OPERATING CURRENT(MA)

24V=415 120V=76 240V=41

CONSUMPTION(W)

24V=10 120V=8.6 240V=9

LUMINANCE(LM)

WW=586

ITEM

D9ADH4234

LIGHT SOURCE

42×0.2W

INPUT VOLTAGE(V)

DC24V 120/240V

OPERATING CURRENT(MA)

24V=415 120V=76 240V=41

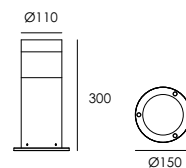
CONSUMPTION(W)

24V=10 120V=8.6 240V=9

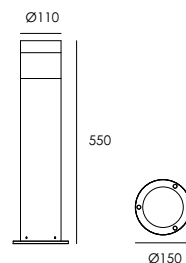
LUMINANCE(LM)

WW=586

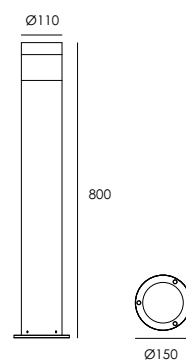
OUTER DIMENSIONS (Unit: mm)



OUTER DIMENSIONS (Unit: mm)



OUTER DIMENSIONS (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

BASE

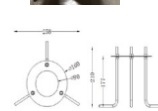
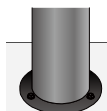
1. Flange Base

FB00130



2. Landing Base

JC3001



• Flange base is an basic part which you need to assembled the landing base.

LED COLOUR TEMPERATURE

3,000K · 6,000K

HOUSING COLOR OPTION

Basic

Sanded Black
RAL 9005

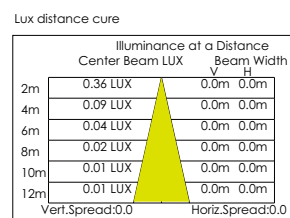
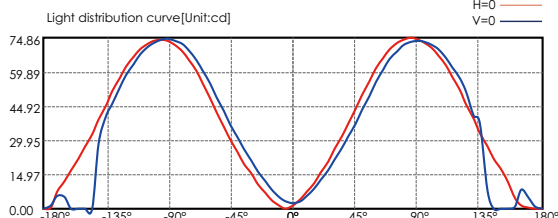
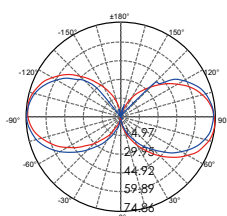
Secondary

Dark Grey
KAP 7037

Light Sanded Grey
RAL 7038

IP65 Water Proof LED and

PHOTOMETRIC



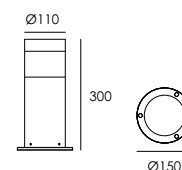


ITEM
D9AHL2434
LIGHT SOURCE
24×0.2W
INPUT VOLTAGE(V)
120/240V
OPERATING CURRENT(MA)
120V=70 240V=39
CONSUMPTION(W)
120V=4.9 240V=5.1
LUMINANCE(LM)
WW=263

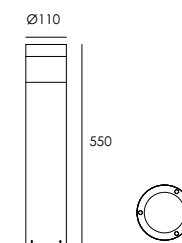
ITEM
D9AHM2434
LIGHT SOURCE
24×0.2W
INPUT VOLTAGE(V)
120/240V
OPERATING CURRENT(MA)
120V=70 240V=39
CONSUMPTION(W)
120V=4.9 240V=5.1
LUMINANCE(LM)
WW=263

ITEM
D9AHH2434
LIGHT SOURCE
24×0.2W
INPUT VOLTAGE(V)
120/240V
OPERATING CURRENT(MA)
120V=70 240V=39
CONSUMPTION(W)
120V=4.9 240V=5.1
LUMINANCE(LM)
WW=263

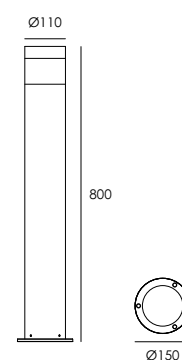
OUTER DIMENSIONS (Unit: mm)



OUTER DIMENSIONS (Unit: mm)



OUTER DIMENSIONS (Unit: mm)



MATERIAL SPECIFICATIONS

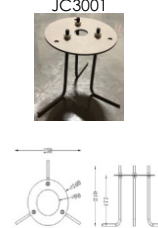
HOUSING	T=60-80um Adhesion of ISO class 1/ASTM class 4B 12# Die-casting powder coated aluminum.
LIGHT WINDOW	PMMA
LED	SMD3535 type LED
LED DRIVER	Constant Voltage Input, Constant Current Output
OPERATING TEMPERATURE	-20°C~40°C
POWER CABLE	H05RN-F 3×1.0mm²L=0.3m(high voltage/short) H05RN-F 3×1.0mm²L=0.5m(high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

BASE

1. Flange Base



2. Landing Base



• Flange base is a basic part which you need to assembled the landing base.



LED COLOUR TEMPERATURE

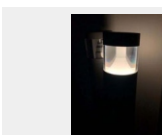
3,000K · 6,000K

HOUSING COLOR OPTION

Basic

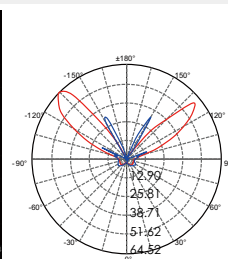
Sanded Black
RAL 9005

Secondary

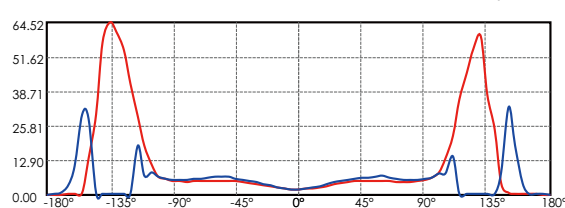
Dark Grey
KAP 7037Light Sanded Grey
RAL 7038

IP65 Water Proof LED and

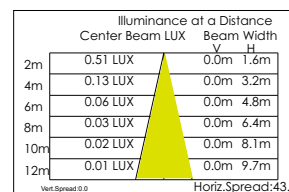
PHOTOMETRIC



Light distribution curve(Unit:cd)

H=0
V=0

Lux distance cure



POLE LIGHT



ITEM	D9AEL2434
LIGHT SOURCE	24×0.2W
INPUT VOLTAGE(V)	120/240V
OPERATING CURRENT(MA)	120V=36 240V=66
CONSUMPTION(W)	120V=4.4 240V=4.6
LUMINANCE(LM)	WW=98

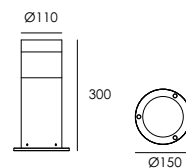


ITEM	D9AEM2434
LIGHT SOURCE	24×0.2W
INPUT VOLTAGE(V)	120/240V
OPERATING CURRENT(MA)	120V=36 240V=66
CONSUMPTION(W)	120V=4.4 240V=4.6
LUMINANCE(LM)	WW=98

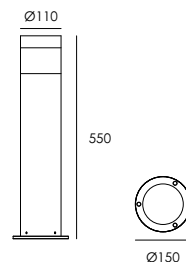


ITEM	D9AEH2434
LIGHT SOURCE	24×0.2W
INPUT VOLTAGE(V)	120/240V
OPERATING CURRENT(MA)	120V=36 240V=66
CONSUMPTION(W)	120V=4.4 240V=4.6
LUMINANCE(LM)	WW=98

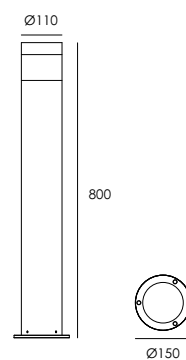
OUTER DIMENSIONS (Unit: mm)



OUTER DIMENSIONS (Unit: mm)



OUTER DIMENSIONS (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

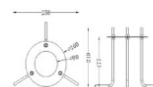
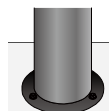
DIMMABLE SUPPORT Triac PWM 1-10V Dali

BASE

1. Flange Base



2. Landing Base



• Flange base is a basic part which you need to assembled the landing base.



LED COLOUR TEMPERATURE

3,000K · 6,000K

HOUSING COLOR OPTION

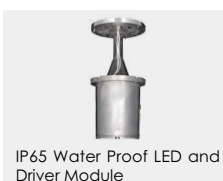
Basic

Sanded Black
RAL 9005

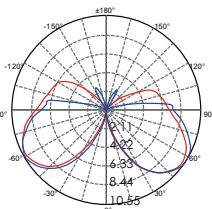
Secondary

Dark Grey
KAP 7037

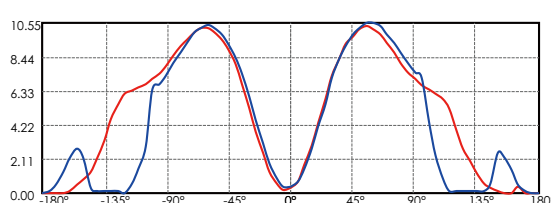
Light Sanded Grey
RAL 7038



PHOTOMETRIC



Light distribution curve[Unit:cd]



Lux distance cure

Center Beam LUX	Beam Width	Beam Width
V	H	
2m	0.08 LUX	0.0m 1.1m
4m	0.02 LUX	0.0m 2.2m
6m	0.01 LUX	0.0m 3.3m
8m	0.00 LUX	0.0m 4.4m
10m	0.00 LUX	0.0m 5.5m
12m	0.00 LUX	0.0m 6.6m

**ITEM**

D9ARL8434

LIGHT SOURCE

84×0.1W

INPUT VOLTAGE(V)

DC24V 120/240V

OPERATING CURRENT(MA)

24V=415 120V=79 240V=43

CONSUMPTION(W)

24V=10 120V=9.4 240V=9.6

LUMINANCE(LM)

WW=697

ITEM

D9ARM8434

LIGHT SOURCE

84×0.1W

INPUT VOLTAGE(V)

120/240V

OPERATING CURRENT(MA)

120V=79 240V=43

CONSUMPTION(W)

120V=9.4 240V=9.6

LUMINANCE(LM)

WW=697

ITEM

D9ARH8434

LIGHT SOURCE

84×0.1W

INPUT VOLTAGE(V)

120/240V

OPERATING CURRENT(MA)

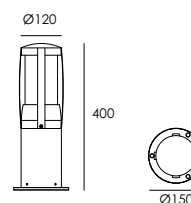
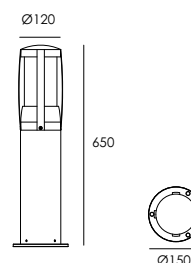
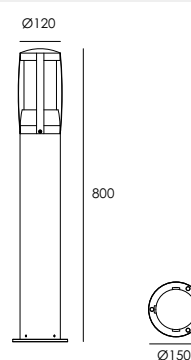
120V=79 240V=43

CONSUMPTION(W)

120V=9.4 240V=9.6

LUMINANCE(LM)

WW=697

OUTER DIMENSIONS (Unit: mm)**OUTER DIMENSIONS (Unit: mm)****OUTER DIMENSIONS (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)

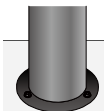
BASE Standard Base Flange base

DIMMABLE SUPPORT Triac PWM 1-10V Dali

BASE

1. Flange Base

FB00130



2. Landing Base

JC3001



• Flange base is a basic part which you need to assembled the landing base.

**LED COLOUR TEMPERATURE**

3,000K · 6,000K

HOUSING COLOR OPTION

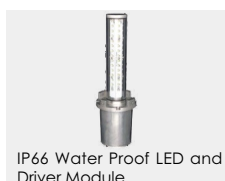
Basic

Secondary

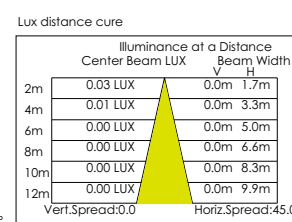
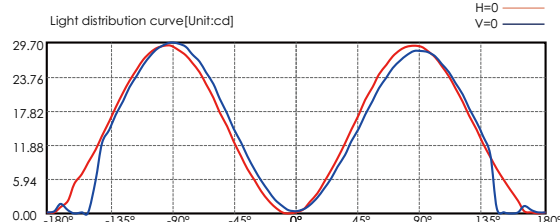
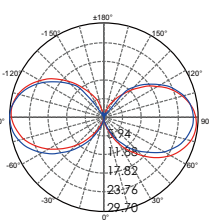
Sanded Black
RAL 9005

Dark Grey
KAP 7037

Light Sanded Grey
RAL 7038



IP66 Water Proof LED and
Driver Module

PHOTOMETRIC



ITEM
D9EEL2434

LIGHT SOURCE
24×0.2W

INPUT VOLTAGE(V)
DC24V 120/240V

OPERATING CURRENT(MA)
24V=250 120V=95 240V=50

CONSUMPTION(W)
24V=6 120V=6.7 240V=6.5

LUMINANCE(LM)
79

ITEM
D9EEM2434

LIGHT SOURCE
24×0.2W

INPUT VOLTAGE(V)
DC24V 120/240V

OPERATING CURRENT(MA)
24V=250 120V=95 240V=50

CONSUMPTION(W)
24V=6 120V=6.7 240V=6.5

LUMINANCE(LM)
79

ITEM
D9EEH2434

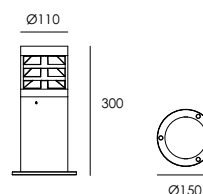
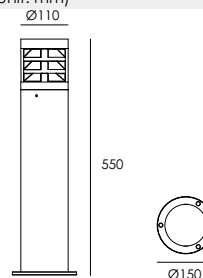
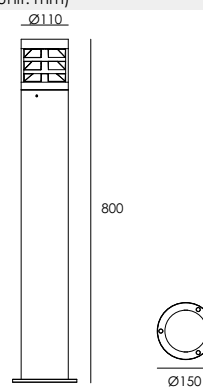
LIGHT SOURCE
24×0.2W

INPUT VOLTAGE(V)
DC24V 120/240V

OPERATING CURRENT(MA)
24V=250 120V=95 240V=50

CONSUMPTION(W)
24V=6 120V=6.7 240V=6.5

LUMINANCE(LM)
79

OUTER DIMENSIONS (Unit: mm)**OUTER DIMENSIONS** (Unit: mm)**OUTER DIMENSIONS** (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

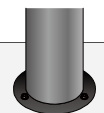
POWER CABLE H05RN-F 3×1.0mm²L=0.3m(high voltage/short)
H05RN-F 3×1.0mm²L=0.5m(high voltage/medium)
H05RN-F 3×1.0mm²L=1.0m(high voltage/high)

BASE Standard Base Flange base

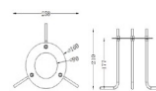
DIMMABLE SUPPORT Triac PWM 1-10V Dali

BASE

1. Flange Base



2. Landing Base



• Flange base is a basic part which you need to assembled the landing base.

**LED COLOUR TEMPERATURE**

3,000K · 6,000K

HOUSING COLOR OPTION

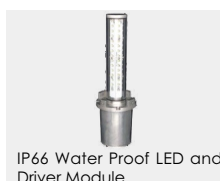
Basic

Sanded Black
RAL 9005

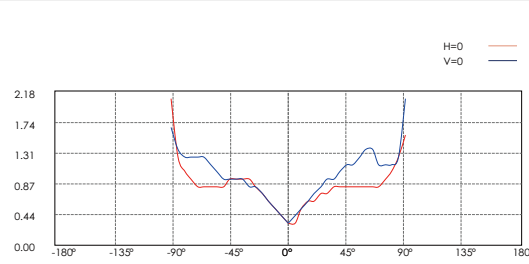
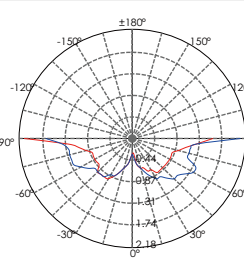
Secondary

Dark Grey
KAP 7037

Light Sanded Grey
RAL 7038



IP66 Water Proof LED and Driver Module

PHOTOMETRIC

Lux distance Curve

	Center Beam LUX	Beam Width	Beam Angle
2m	0.08 LUX	154.1m	0.1m
4m	0.02 LUX	308.2m	0.2m
6m	0.01 LUX	462.3m	0.3m
8m	0.00 LUX	616.4m	0.3m
10m	0.00 LUX	770.5m	0.4m
12m	0.00 LUX	924.5m	0.5m

TRIAC PWM 1-10V DALI IP65
OUTDOOR RATED COMPLIANT

POLE LIGHT



ITEM
D9EDL2434
LIGHT SOURCE
24×0.2W
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=250 120V=95 240V=50
CONSUMPTION(W)
24V=6 120V=6.7 240V=6.5
LUMINANCE(LM)
264.5

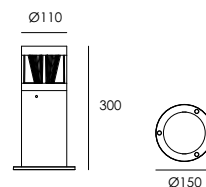


ITEM
D9EDM2434
LIGHT SOURCE
24×0.2W
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=250 120V=95 240V=50
CONSUMPTION(W)
24V=6 120V=6.7 240V=6.5
LUMINANCE(LM)
264.5

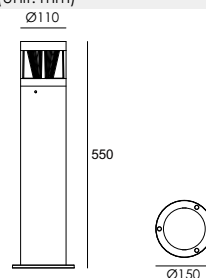


ITEM
D9EDH2434
LIGHT SOURCE
24×0.2W
INPUT VOLTAGE(V)
DC24V 120/240V
OPERATING CURRENT(MA)
24V=250 120V=95 240V=50
CONSUMPTION(W)
24V=6 120V=6.7 240V=6.5
LUMINANCE(LM)
264.5

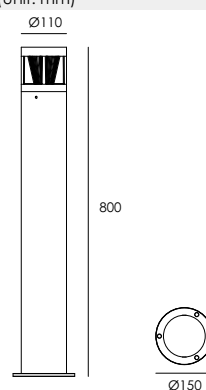
OUTER DIMENSIONS (Unit: mm)



OUTER DIMENSIONS (Unit: mm)



OUTER DIMENSIONS (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

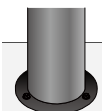
POWER CABLE H05RN-F 3×1.0mm²L=0.3m(high voltage/short)
H05RN-F 3×1.0mm²L=0.5m(high voltage/medium)
H05RN-F 3×1.0mm²L=1.0m(high voltage/high)

BASE Standard Base Flange base

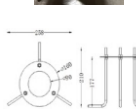
TECHNICAL DATA Triac PWM 1-10V Dali

BASE

1. Flange Base



2. Landing Base



• Flange base is a basic part which you need to assembled the landing base.



LED COLOUR TEMPERATURE

3,000K · 6,000K

HOUSING COLOR OPTION

Basic

Sanded Black
RAL 9005

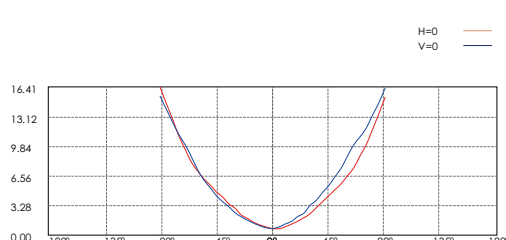
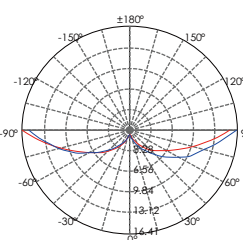
Secondary

Dark Grey
KAP 7037

Light Sanded Grey
RAL 7038



PHOTOMETRIC



Illuminance at a Distance		Beam Width	
Center Beam LUX	V	H	H
0.18 LUX	170.7m	0.1m	
0.05 LUX	341.4m	0.2m	
0.02 LUX	512.1m	0.3m	
0.01 LUX	682.8m	0.4m	
0.01 LUX	853.5m	0.4m	
0.01 LUX	1024.2m	0.5m	
Vert.Spread:177.4		Horiz.Spread:2.5	

TRIAC PWM 1-10V DALI IP65

OUTDOOR RATED COMPLIANT

POLE LIGHT



ITEM	D9AKL4234
LIGHT SOURCE	42×0.2W
INPUT VOLTAGE(V)	DC24V 120/240V
OPERATING CURRENT(MA)	24V=415 120V=73 240V=41
CONSUMPTION(W)	24V=10 120V=8.6 240V=9
LUMINANCE(LM)	CW=450 WW=397

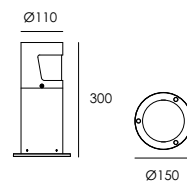


ITEM	D9AKM4234
LIGHT SOURCE	42×0.2W
INPUT VOLTAGE(V)	120/240V
OPERATING CURRENT(MA)	120V=73 240V=41
CONSUMPTION(W)	120V=8.6 240V=9
LUMINANCE(LM)	CW=450 WW=397

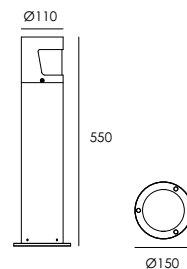


ITEM	D9AKH4234
LIGHT SOURCE	42×0.2W
INPUT VOLTAGE(V)	120/240V
OPERATING CURRENT(MA)	120V=73 240V=41
CONSUMPTION(W)	120V=8.6 240V=9
LUMINANCE(LM)	CW=450 WW=397

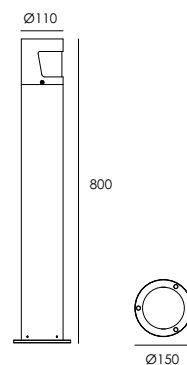
OUTER DIMENSIONS (Unit: mm)



OUTER DIMENSIONS (Unit: mm)



OUTER DIMENSIONS (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

BASE

1. Flange Base



2. Landing Base



• Flange base is a basic part which you need to assembled the landing base.



LED COLOUR TEMPERATURE

3,000K · 6,000K

HOUSING COLOR OPTION

Basic

Sanded Black
RAL 9005

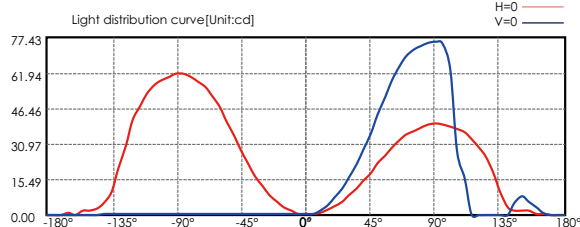
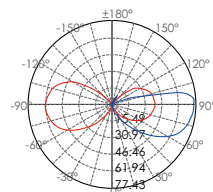
Secondary

Dark Grey
KAP 7037

Light Sanded Grey
RAL 7038



PHOTOMETRIC



Illuminance at a Distance		
Center Beam LUX	Beam Width	
0.10 LUX	0.0m 2.2m	
0.03 LUX	0.0m 4.5m	
0.01 LUX	0.0m 6.7m	
0.01 LUX	0.0m 8.9m	
0.00 LUX	0.0m 11.1m	
0.00 LUX	0.0m 13.4m	
Veri.Spread:0.0 Horiz.Spread:58.2		

POLE LIGHT



ITEM

D9EFL2434

LIGHT SOURCE

24×0.2W

INPUT VOLTAGE(V)

DC24V 120/240V

OPERATING CURRENT(MA)

24V=250 120V=95 240V=50

CONSUMPTION(W)

24V=6 120V=6.7 240V=6.5

LUMINANCE(LM)

127

ITEM

D9EFM2434

LIGHT SOURCE

24×0.2W

INPUT VOLTAGE(V)

DC24V 120/240V

OPERATING CURRENT(MA)

24V=250 120V=95 240V=50

CONSUMPTION(W)

24V=6 120V=6.7 240V=6.5

LUMINANCE(LM)

127

ITEM

D9EFH2434

LIGHT SOURCE

24×0.2W

INPUT VOLTAGE(V)

DC24V 120/240V

OPERATING CURRENT(MA)

24V=250 120V=95 240V=50

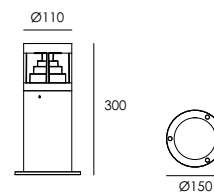
CONSUMPTION(W)

24V=6 120V=6.7 240V=6.5

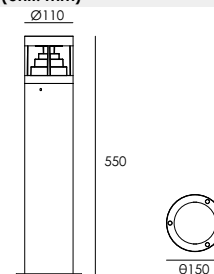
LUMINANCE(LM)

127

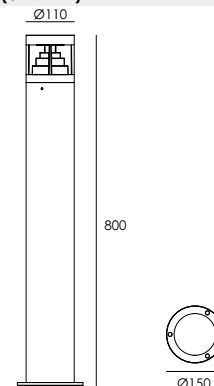
OUTER DIMENSIONS (Unit: mm)



OUTER DIMENSIONS (Unit: mm)



OUTER DIMENSIONS (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

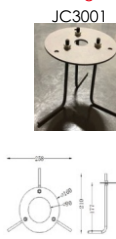
DIMMABLE SUPPORT Triac PWM 1-10V Dali

BASE

1. Flange Base



2. Landing Base



• Flange base is a basic part which you need to assembled the landing base.



LED COLOUR TEMPERATURE

3,000K · 6,000K

HOUSING COLOR OPTION

Basic

Sanded Black
RAL 9005

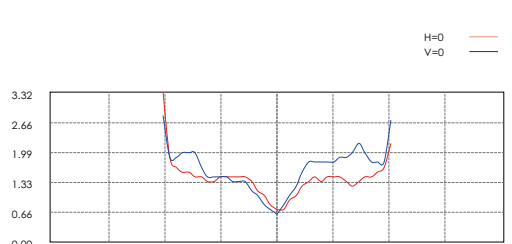
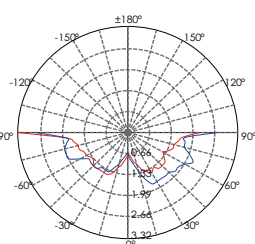
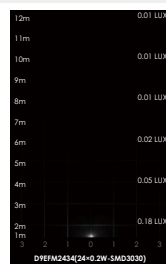
Secondary

Dark Grey
KAP 7037

Light Sanded Grey
RAL 7038

IP66 Water Proof LED and Driver Module

PHOTOMETRIC



Lux distance Curve

	Center Beam LUX	Beam Width V H
2m	0.18 LUX	143.0m 176.9m
4m	0.05 LUX	286.1m 353.9m
6m	0.02 LUX	429.1m 530.8m
8m	0.01 LUX	572.2m 707.8m
10m	0.01 LUX	715.2m 884.7m
12m	0.01 LUX	858.3m 1061.7m
	Vert.Spread 176.9	Horiz.Spread 177.5

TRIAC PWM 1-10V DALI IP65
OUTDOOR
RATED

COMPLIANT

POLE LIGHT



ITEM

D9AT0126

LIGHT SOURCE

1×6W COB

INPUT VOLTAGE(V)

DC24V

OPERATING CURRENT(MA)

265

CONSUMPTION(W)

6.3

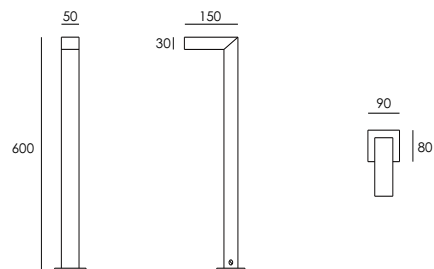
LUMINANCE(LM)

441

IK

07

OUTER DIMENSIONS (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 NICHIA COB LED

LED DRIVER Constant Voltage Input, Constant Current Output

OPERATING TEMPERATURE -20°C~40°C

POWER CABLE H05RN-F 2×1.0mm² L=1.0m

BASE Standard Base Flange base

DIMMABLE SUPPORT

LED COLOUR TEMPERATURE

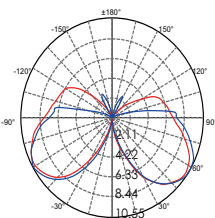
3,000K · 6,000K

LIGHT EFFECT

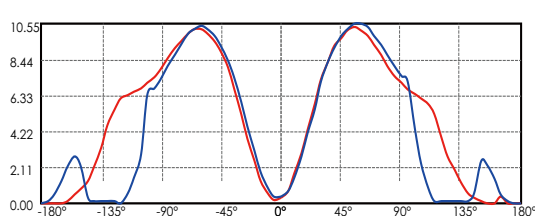


LED and Driver Module

PHOTOMETRIC



Light distribution curve[Unit:cd]



Illuminance at a Distance		
Center Beam LUX	Beam Width V	Beam Width H
2m	0.08 LUX	0.0m 1.1m
4m	0.02 LUX	0.0m 2.2m
6m	0.01 LUX	0.0m 3.3m
8m	0.00 LUX	0.0m 4.4m
10m	0.00 LUX	0.0m 5.5m
12m	0.00 LUX	0.0m 6.6m
Verf.Spread:0.0 IK Horiz.Spread:30.9		

TRIAC PWM 1-10V DALI IP65
OUTDOOR



ITEM

D9AUL0128

LIGHT SOURCE

1×10W

INPUT VOLTAGE(V)

240V

OPERATING CURRENT(MA)

46

CONSUMPTION(W)

10

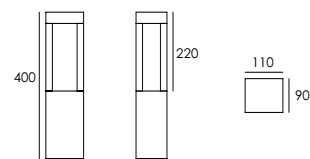
LUMINANCE(LM)

455

IK

07

OUTER DIMENSIONS (Unit: mm)



ITEM

D9AUM0128

LIGHT SOURCE

1×10W

INPUT VOLTAGE(V)

240V

OPERATING CURRENT(MA)

46

CONSUMPTION(W)

10

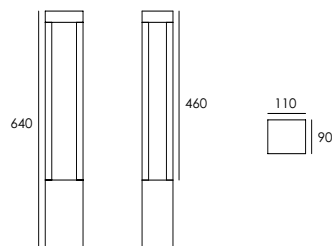
LUMINANCE(LM)

455

IK

07

OUTER DIMENSIONS (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 AC COB LED

LED DRIVER Constant Voltage Input, Constant Current Output

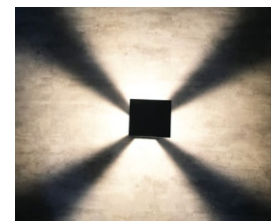
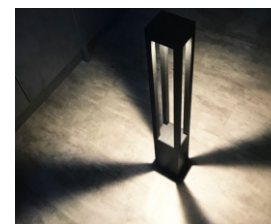
OPERATING TEMPERATURE -20°C~40°C

POWER CABLE H05RN-F 3×1.0mm² L=1.0m

LED COLOUR TEMPERATURE

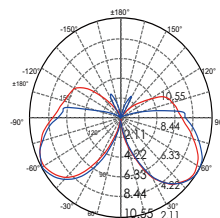
3,000K · 6,000K

LIGHT EFFECT

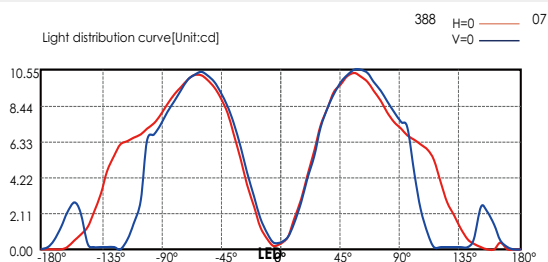


LED and Driver Module

PHOTOMETRIC



Light distribution curve[Unit:cd]



388 H=0 07
V=0

Lux distance curve

Illuminance at a Distance			
Center Beam LUX	Beam Width V	Beam Width H	
2m	0.08 LUX	0.0m	1.1m
4m	0.02 LUX	0.0m	2.2m
6m	0.01 LUX	0.0m	3.3m
8m	0.00 LUX	0.0m	4.4m
10m	0.00 LUX	0.0m	5.5m
12m	0.00 LUX	0.0m	6.6m
Vert.Spread:0.0		Horiz.Spread:30.9	

