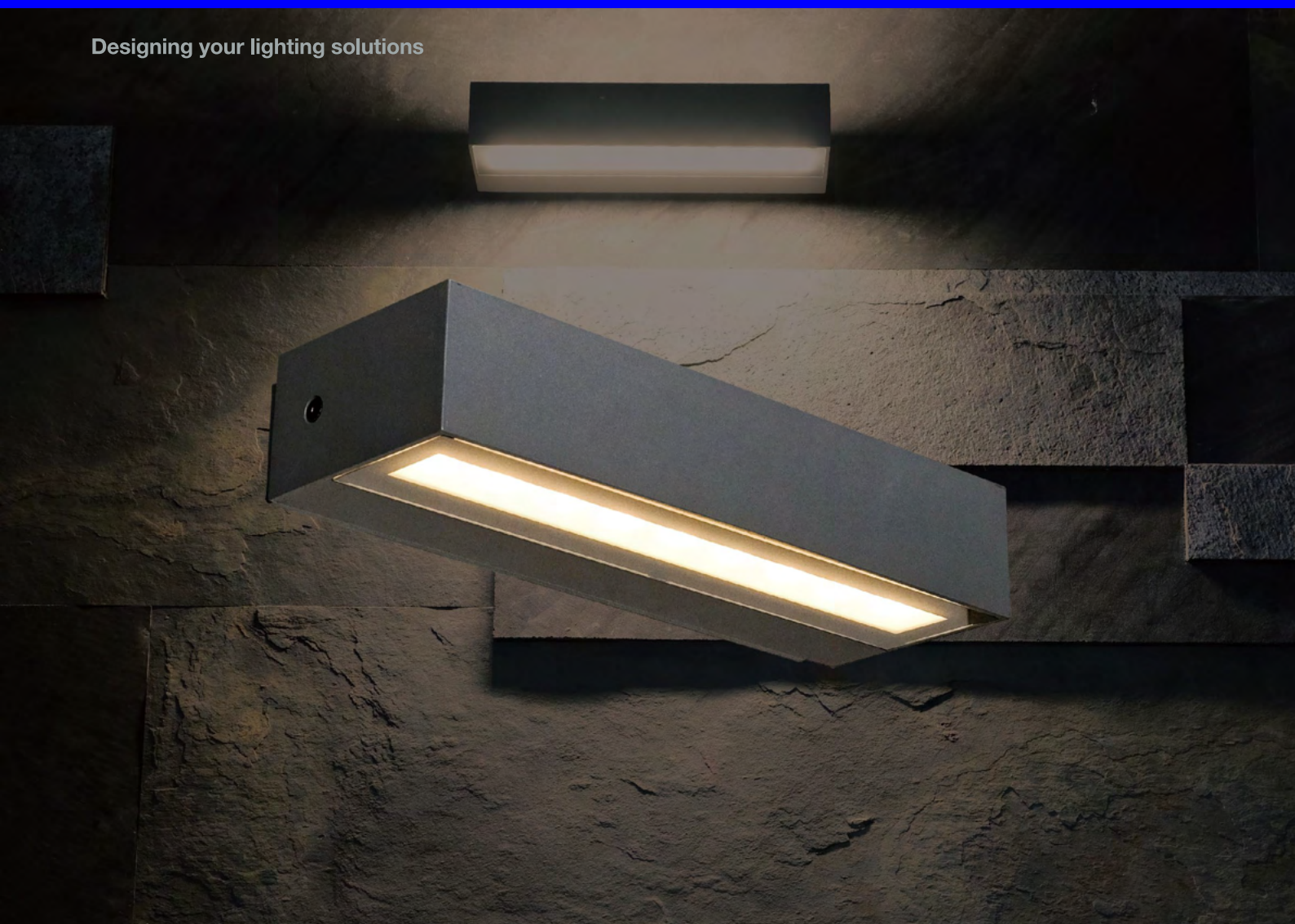


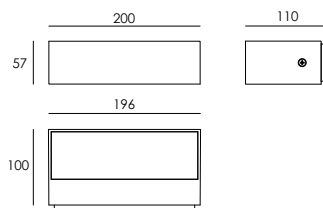
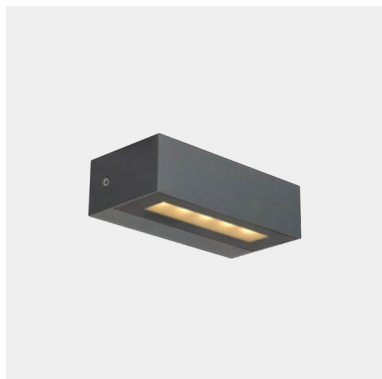


# Landscape surface mounting wall light

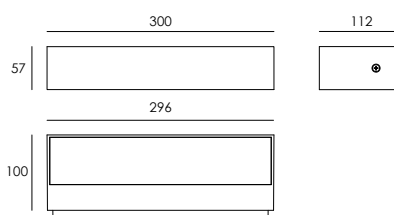
Designing your lighting solutions



# Soft Light Surface Mounting Wall Light IP65



ITEM	LIGHT SOURCE	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
1ED7GBC0556 (ONE SIDE)	5×1W	92°×75°	DC 24 120 240	DC 24=226 240=31	DC 24=5.4 240=6.4	792	03
2ED7GBC1056 (TWO SIDE)	10×1W	92°×75°	DC 24 120 240	DC 24=450 240=56	DC 24=10.8 240=12	792×2	03



ITEM	LIGHT SOURCE	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
1ED7HBC0956 (ONE SIDE)	9×1W	92°×75°	DC 24 120 240	DC 24=410 240=59	DC 24=9.8 240=10.5	836	04
2ED7HBC1856 (TWO SIDE)	18×1W	92°×75°	DC 24 120 240	DC 24=800 240=97	DC 24=19.2 240=20.9	836×2	04

**HOUSING** 12# Die-casting aluminum finishing or powder painting  
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** Outside of luminaire  
12V/24V: H05RN-F 2×1.0mm², L=0.3m  
120V/240V: H05RN-F 3×1.0mm², L=0.3m

**DIMMING SUPPORT** Triac PWM Available  
1-10V Dali Customized

## REGULAR PAINTING COLOR

Basic

Dark Grey  
KAP 7037

Secondary

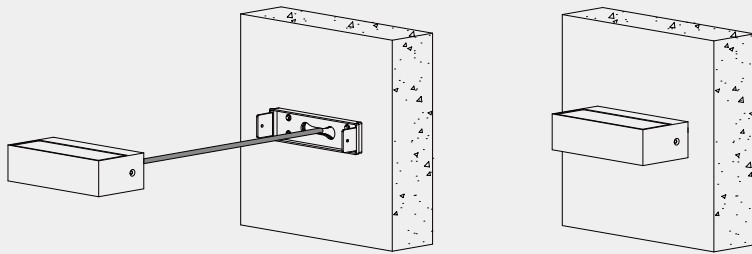
Silver Grey  
KAP 9022

Sanded Black  
RAL 9005

TRIAC PWM 1-10V DALI IP65 OUTDOOR RATED RoHS CE

# Soft Light Surface Mounting Wall Light IP65

## • DIAGRAM OF INSTRUCTION



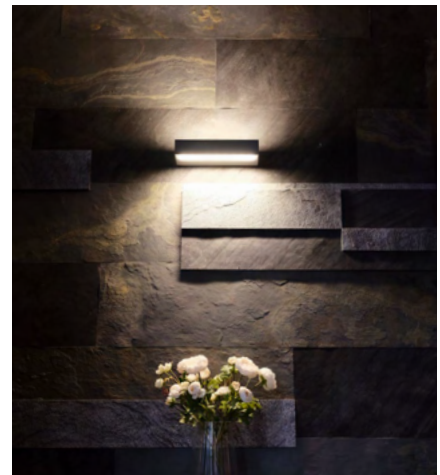
## BEAM DEMO



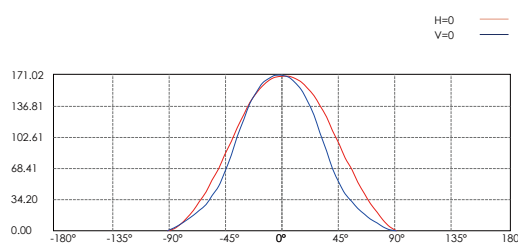
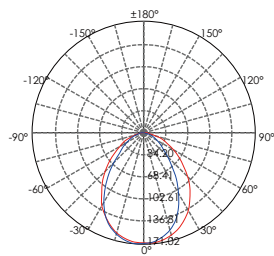
2ED7GBC1056



2ED7HBC1856



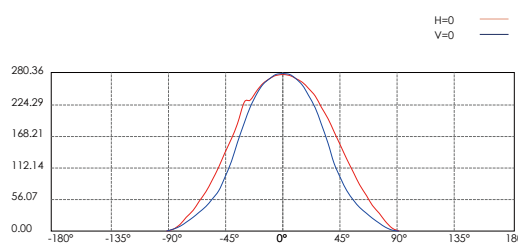
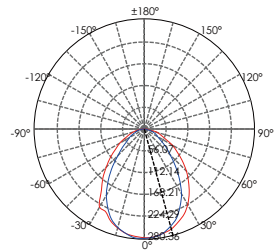
## PHOTOMETRIC



Iluminance at a Distance

Distance (m)	Center Beam LUX	Beam Width	
		V (m)	H (m)
2m	42.34 LUX	4.2m	3.1m
4m	10.58 LUX	8.3m	6.1m
6m	4.70 LUX	12.5m	9.2m
8m	2.65 LUX	16.6m	12.2m
10m	1.69 LUX	20.8m	15.3m
12m	1.18 LUX	25.0m	18.3m

Vert.Spread:92.3 Horiz.Spread:74.7

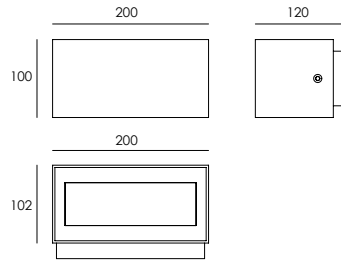


Iluminance at a Distance

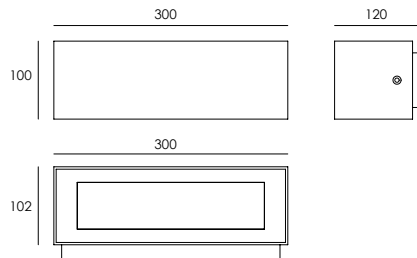
Distance (m)	Center Beam LUX	Beam Width	
		V (m)	H (m)
2m	69.08 LUX	4.1m	3.1m
4m	17.27 LUX	8.2m	6.2m
6m	7.68 LUX	12.3m	9.3m
8m	4.32 LUX	16.3m	12.4m
10m	2.76 LUX	20.4m	15.5m
12m	1.92 LUX	24.5m	18.6m

Vert.Spread:91.3 Horiz.Spread:75.6

# Soft Light Surface Mounting Wall Light IP65



ITEM	LIGHT SOURCE	LENS DEGREE(°)θ1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
1ED7EBC0557 (ONE SIDE)	5×1.5W	97°×99°	DC 24 120 240	DC 24=320 120=74 240=41	DC 24=7.68 120=7.5 240=7.3	517	02
2ED7EBC1057 (TWO SIDE)	10×1.5W	97°×99°	DC 24 120 240	DC 24=630 120=143 240=81	DC 24=15 120=16.8 240=17.2	517×2	02



ITEM	LIGHT SOURCE	LENS DEGREE(°)θ1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
1ED7FBC0857 (ONE SIDE)	8×1.5W	100°×100°	DC 24 240	DC 24=536 240=70	DC 24=12.8 240=13.8	899	03
2ED7FBC1657 (TWO SIDE)	16×1.5W	100°×100°	DC 24 240	DC 24=1000 240=123	DC 24=24 240=27.3	899×2	03

## HOUSING

12# Die-casting aluminum finishing or powder painting  
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

Outside of luminaire  
12V/24V: H05RN-F 2×1.0mm<sup>2</sup>, L=0.3m  
120V/240V: H05RN-F 3×1.0mm<sup>2</sup>, L=0.3m

## DIMMING SUPPORT

Triac PWM Available  
1-10V Dimi Customized

## REGULAR PAINTING COLOR

### Basic

Dark Grey  
KAP 7037

### Secondary

Silver Grey  
KAP 9022

Sanded Black  
RAL 9005

TRIAC

PWM

1-10V

DALI

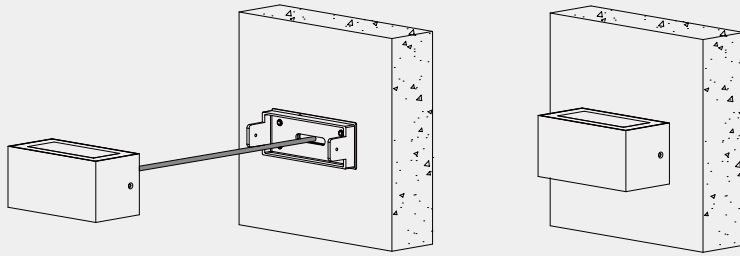
IP65

OUTDOOR RATED



# Soft Light Surface Mounting Wall Light IP65

## • DIAGRAM OF INSTRUCTION



## BEAM DEMO

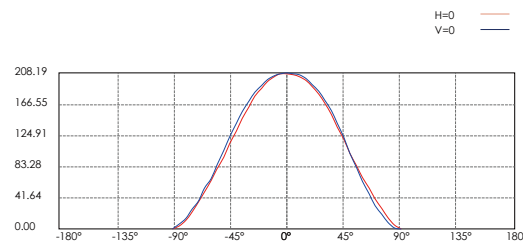
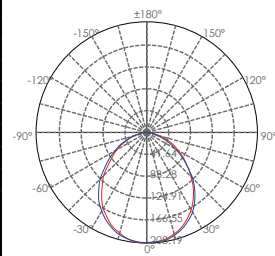


2ED7EBC1057



2ED7FBC1657

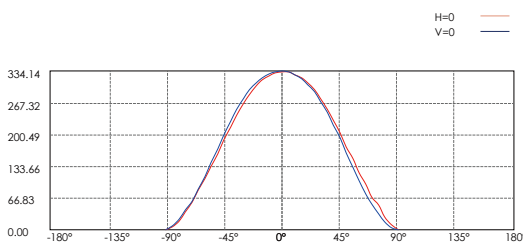
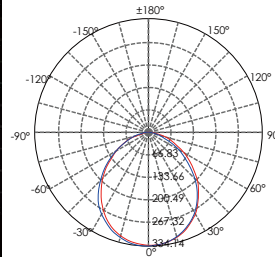
## PHOTOMETRIC



Lux distance Curve

Distance (m)	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

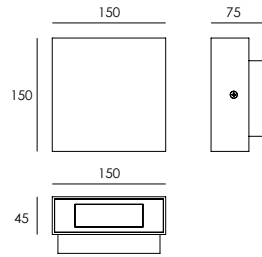


Lux distance Curve

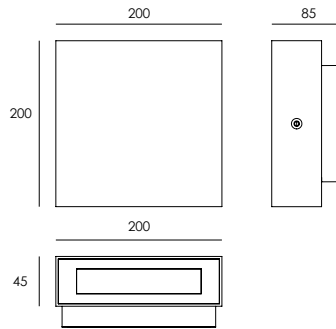
Distance (m)	Illuminance at a Distance	
	Center Beam LUX	Beam Width V H
2m	82.99 LUX	4.8m 4.8m
4m	20.75 LUX	9.6m 9.5m
6m	9.22 LUX	14.4m 14.3m
8m	5.19 LUX	19.2m 19.0m
10m	3.32 LUX	24.0m 23.8m
12m	2.31 LUX	28.8m 28.5m

Vert.Spread:100.5 Horiz.Spread:100.9

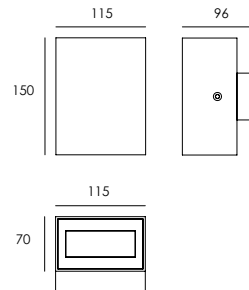
# Soft Light Surface Mounting Wall Light IP65



ITEM	LIGHT SOURCE	LENS DEGREE(°)θ1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
1ED7CBC0357 (ONE SIDE)	3×2W	87°×75°	DC 24 120 240	DC 24=300 120=78 240=46	DC 24=7.2 120=6 240=6	369	03
2ED7CBC0657 (TWO SIDE)	6×2W	87°×75°	DC 24 120 240	DC 24=570 120=90 240=49	DC 24=13.6 120=10.7 240=10.8	369×2	03



ITEM	LIGHT SOURCE	LENS DEGREE(°)θ1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
1ED7DBC0557 (ONE SIDE)	5×1.5W	93°×75°	DC 24 120 240V	DC 24=320 120=80 240=50	DC 24=7.8 120=9 240=9.2	596	01
2ED7DBC1057 (TWO SIDE)	10×1.5W	93°×75°	DC 24 240V	DC 24=640 240=85	DC 24=15.6 240=17.8	596×2	01



ITEM	LIGHT SOURCE	LENS DEGREE(°)θ1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
1ED7KBC0357 (ONE SIDE)	3×2W	87°×75°	DC 24 120 240	DC 24=300 120=78 240=46	DC 24=7.2 120=6 240=6	388	01
2ED7KBC0657 (TWO SIDE)	6×2W	87°×75°	DC 24 240	DC 24=570 120=90 240=49	DC 24=13.6 120=10.8 240=10.8	388×2	01

# Soft Light Surface Mounting Wall Light IP65

**HOUSING** 12# Die-casting aluminum finishing or powder painting  
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** Outside of luminaire  
12V/24V: H05RN-F 2×1.0mm<sup>2</sup>, L=0.3m  
120V/240V: H05RN-F 3×1.0mm<sup>2</sup>, L=0.3m

**DIMMING SUPPORT** Triac PWM Available  
1-10V Dali Customized

## REGULAR PAINTING COLOR

Basic

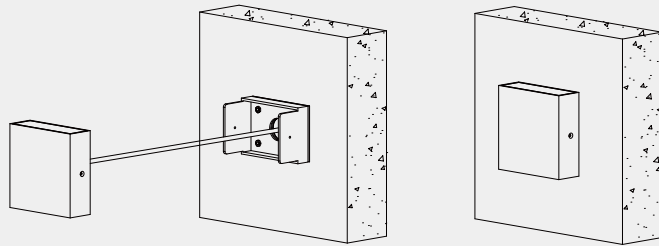
Dark Grey  
KAP 7037

Secondary

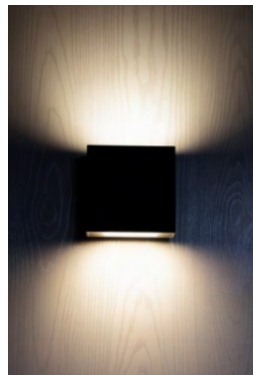
Silver Grey  
KAP 9022

Sanded Black  
RAL 9005

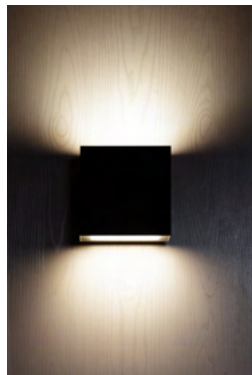
## • DIAGRAM OF INSTRUCTION



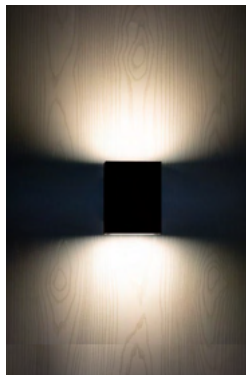
## BEAM DEMO



2ED7CBC0657 (TWO SIDE)

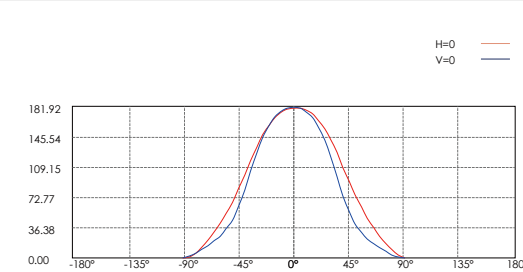
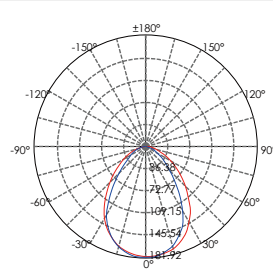


2ED7DBC1057 (TWO SIDE)



2ED7KBC0657 (TWO SIDE)

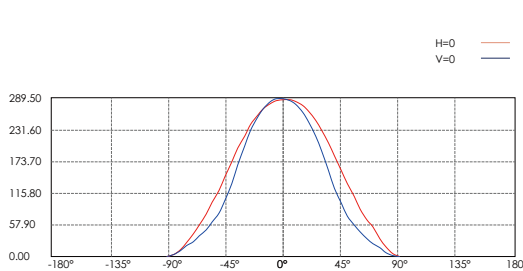
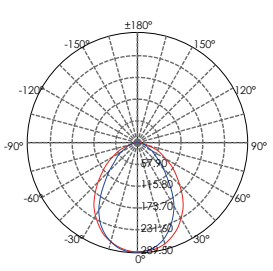
## PHOTOMETRIC



Lux distance Curve

Distance (m)	Center Beam LUX	Beam Width V (m)	Beam Width H (m)
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

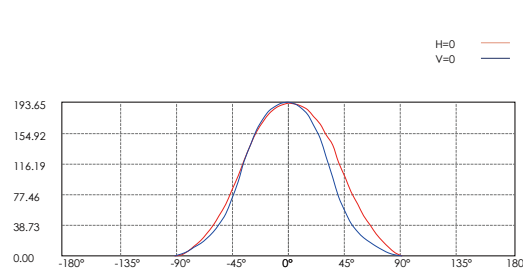
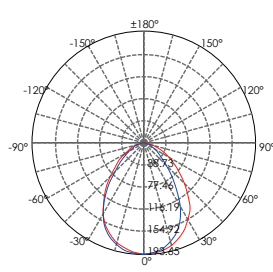
Vert. Spread: 87.6 Horiz. Spread: 75.1



Lux distance Curve

Distance (m)	Center Beam LUX	Beam Width V (m)	Beam Width H (m)
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

Vert. Spread: 93.0 Horiz. Spread: 75.3



Lux distance Curve

Distance (m)	Center Beam LUX	Beam Width V (m)	Beam Width H (m)
2m	47.97 LUX	3.8m	3.1m
4m	11.99 LUX	7.6m	6.1m
6m	5.33 LUX	11.3m	9.2m
8m	3.00 LUX	15.1m	12.3m
10m	1.92 LUX	18.9m	15.3m
12m	1.33 LUX	22.7m	18.4m

Vert. Spread: 86.8 Horiz. Spread: 75.0

# Soft Light Wall Washer

## Surface Mounting Wall Light IP65



**ITEM**  
D7FEC0357

**LIGHT SOURCE**  
3×2W

**SELECTED DEGREE(°)Θ1/2**  
75°×65°

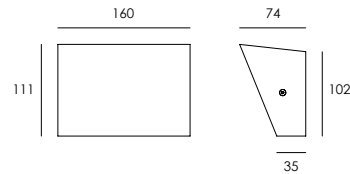
**INPUT VOLTAGE(V)**  
DC 24 120 240

**OPERATING CURRENT(MA)**  
DC 24=330 120=72 240=40

**CONSUMPTION(W)**  
DC 24=8 120=8.5 240=8.4

**LUMINANCE(LM)**  
24=413 240=378

**IK**  
03



**ITEM**  
D7FFC0558

**LIGHT SOURCE**  
5×3W

**SELECTED DEGREE(°)Θ1/2**  
75°×65°

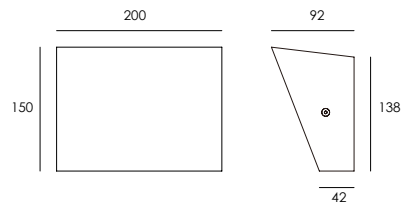
**INPUT VOLTAGE(V)**  
DC 24 240

**OPERATING CURRENT(MA)**  
DC 24=660 240=70

**CONSUMPTION(W)**  
DC 24=15.8 240=15.5

**LUMINANCE(LM)**  
DC 24=803 240=850

**IK**  
03



<b>HOUSING</b>	12# Die-casting aluminum finishing or powder painting T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
<b>LIGHT WINDOW</b>	Tempered glass. T=3mm
<b>LED DRIVER</b>	Constant Voltage Input, Constant Current Output
<b>LED</b>	NICHIA SMD3535
<b>OPERATING TEMPERATURE</b>	-20°C-40°C
<b>POWER CABLE</b>	Outside of luminaire 12V/24V: H05RN-F 2×1.0mm², L=0.3m 120V/240V: H05RN-F 3×1.0mm², L=0.3m
<b>DIMMING SUPPORT</b>	Triac PWM Available 1-10V Dali Customized

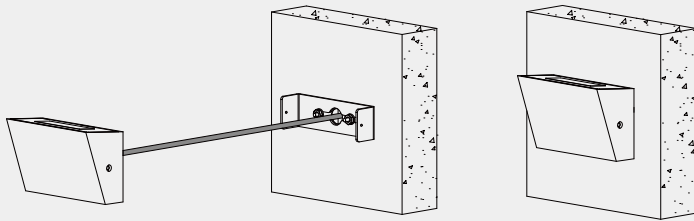
### REGULAR COLOR

<b>Basic</b>	<b>Secondary</b>
 Dark Grey KAP 7037	 Silver Grey KAP 9022
	 Sanded Black RAL 9005

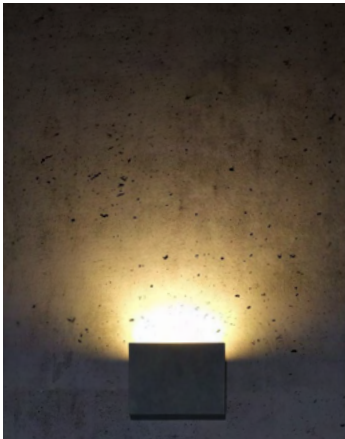


# Soft Light Wall Washer Surface Mounting Wall Light IP65

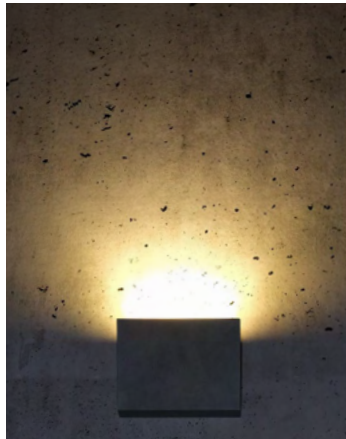
## • DIAGRAM OF INSTRUCTION



## BEAM DEMO

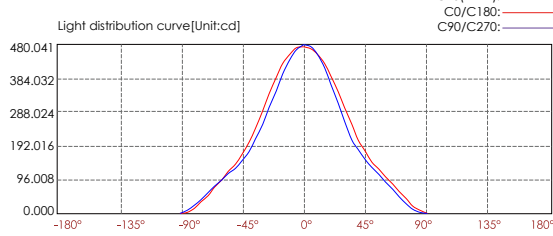
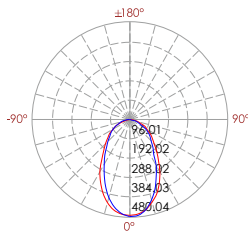
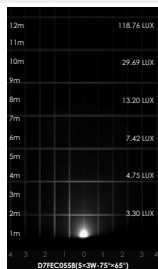


D7FEC0358



D7FFC0558

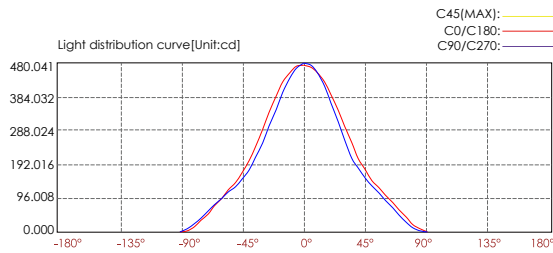
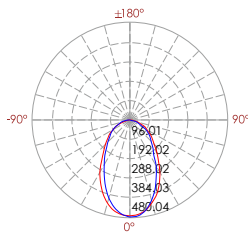
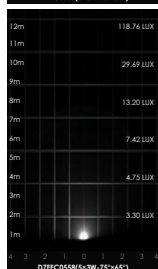
## PHOTOMETRIC



### Lux distance curve

Center beam LUX	Beam width	
	H	V
2m	2.9m	2.5m
4m	5.8m	5.0m
6m	8.7m	7.4m
8m	11.6m	9.9m
10m	14.5m	12.4m
12m	17.4m	14.9m

Ver.Spread:71.8 Horiz.Spread:64.8



### Lux distance curve

Center beam LUX	Beam width	
	H	V
2m	2.9m	2.5m
4m	5.8m	5.0m
6m	8.7m	7.4m
8m	11.6m	9.9m
10m	14.5m	12.4m
12m	17.4m	14.9m

Ver.Spread:71.8 Horiz.Spread:64.8

# Wall Washer

## Surface Mounting Wall Light IP65



**ITEM**  
D7AA0137

---

**LIGHT SOURCE**  
1×3W NICHIA

---

**SELECTED DEGREE(°)θ1/2**  
120°

---

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

---

**OPERATING CURRENT(MA)**  
DC 24=129 120=45 240=26

---

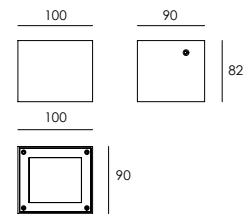
**CONSUMPTION(W)**  
DC 24=3.1 120=5.3 240=5.4

---

**LUMINANCE(LM)**  
1.55

---

**IK**  
06

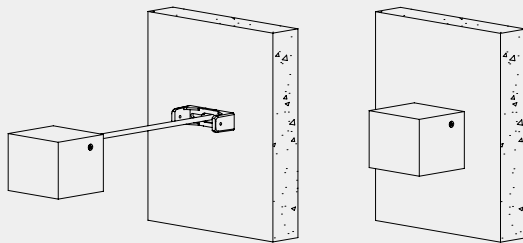


- HOUSING** 12# Die-casting aluminum finishing or powder painting  
T=60-80μm.Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** UVstop & Fireproof PC T=6mm
- GASKET** Tooling shaped seal
- DRIVER** Main voltage 100V-240V driver inside builded
- OPERATING TEMPERATURE** -20°C-40°C
- POWER CABLE** Outside of luminaire  
12V/24V: H05RN-F 2×1.0mm<sup>2</sup>, L=0.3m  
120V/240V: H05RN-F 3×1.0mm<sup>2</sup>, L=0.3m

### REGULAR PAINTING COLOR

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

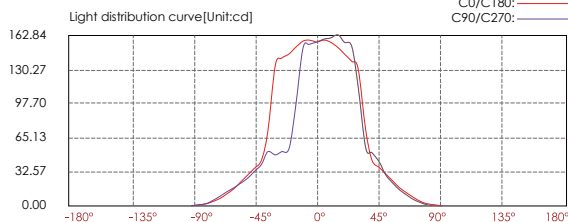
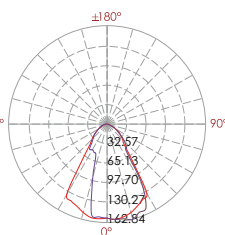
### • DIAGRAM OF INSTRUCTION



### BEAM DEMO



### PHOTOMETRIC



**Lux distance cure**

Distance (m)	Center beam LUX	Beam width V (m)	Beam width H (m)
2m	39.01	1.8m	2.8m
4m	9.75	3.7m	5.6m
6m	4.33	5.5m	8.5m
8m	2.44	7.3m	11.3m
10m	1.56	9.2m	14.1m
12m	1.08	11.0m	16.9m

Ver.Spread:49.3 Horiz.Spread:70.4

# Wall Washer

## Surface Mounting Wall Light IP65



**ITEM**  
D7AB0237

---

**LIGHT SOURCE**  
2×3W NICHIA

---

**SELECTED DEGREE(°)θ1/2**  
75°

---

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

---

**OPERATING CURRENT(MA)**  
DC 24=268 120=91 240=52

---

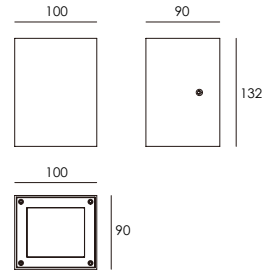
**CONSUMPTION(W)**  
DC 24=6.4 120=10.7 240=10.5

---

**LUMINANCE(LM)**  
210×2

---

**IK**  
06



**ITEM**  
D7AC0237

---

**LIGHT SOURCE**  
2×3W NICHIA

---

**SELECTED DEGREE(°)θ1/2**  
up: 6° down: 75°

---

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

---

**OPERATING CURRENT(MA)**  
DC 24=268 120=91 240=52

---

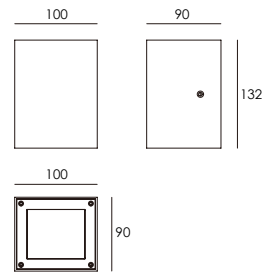
**CONSUMPTION(W)**  
DC 24=6.2 120=10.7 240=10.5

---

**LUMINANCE(LM)**  
up:98 down:195

---

**IK**  
06



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

**LIGHT WINDOW** UVstop & Fireproof PC T=6mm

**GASKET** Tooling shaped seal

**DRIVER** Main voltage 100V-240V driver inside builded

**OPERATING TEMPERATURE** -20°C-40°C

**POWER CABLE** Outside of luminaire  
12V/24V: H05RN-F 2×1.0mm<sup>2</sup>, L=0.3m  
120V/240V: H05RN-F 3×1.0mm<sup>2</sup>, L=0.3m

**DIMMING SUPPORT** Triac PWM Available  
1-10V Dali Customized

### REGULAR PAINTING COLOR

Basic

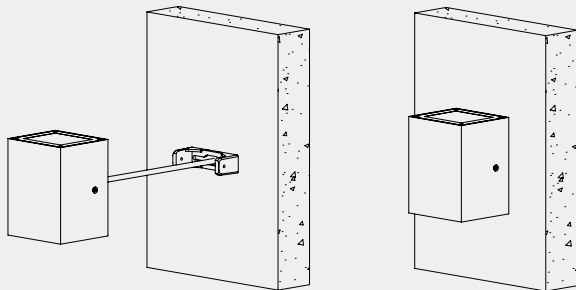
Dark Grey  
KAP 7037

Secondary

Silver Grey  
KAP 9022

Sanded Black  
RAL 9005

### • DIAGRAM OF INSTRUCTION



# Wall Washer

## Surface Mounting Wall Light IP65

### BEAM DEMO

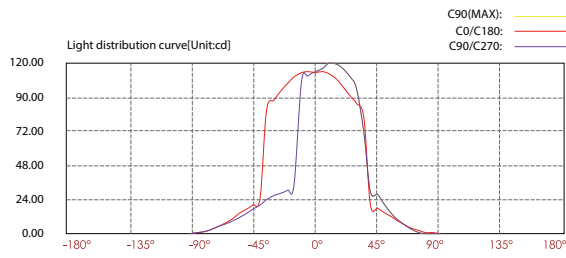
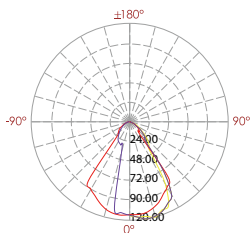


D7AB0237



D7AC0237

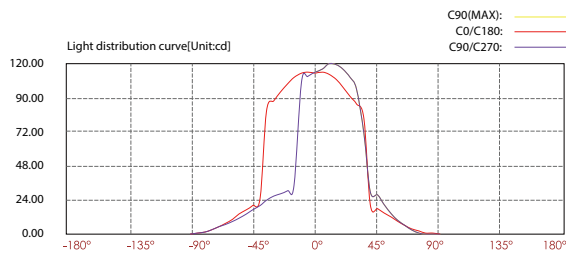
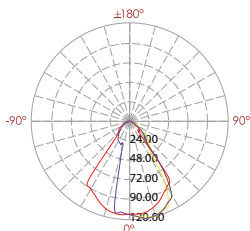
### PHOTOMETRIC



Lux distance curve

Center beam LUX	Beam width	
	V	H
28.35 LUX	1.8m	3.0m
7.09 LUX	3.7m	6.0m
3.15 LUX	5.5m	9.0m
1.77 LUX	7.4m	12.0m
1.13 LUX	9.2m	15.0m
0.79 LUX	11.1m	18.0m

Ver.Spread:49.5 Horiz.Spread:73.8



Lux distance curve

Center beam LUX	Beam width	
	V	H
28.35 LUX	1.8m	3.0m
7.09 LUX	3.7m	6.0m
3.15 LUX	5.5m	9.0m
1.77 LUX	7.4m	12.0m
1.13 LUX	9.2m	15.0m
0.79 LUX	11.1m	18.0m

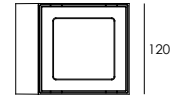
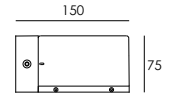
Ver.Spread:49.5 Horiz.Spread:73.8

# Wall Washer

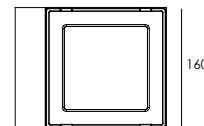
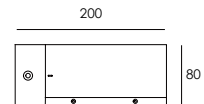
## Surface Mounting Wall Light IP65



<b>ITEM</b>	B7EMG0459
<b>LIGHT SOURCE</b>	4×3.5W NICHIA
<b>LENS</b>	FB11B4
<b>SELECTED DEGREE(°)θ1/2</b>	30°
<b>INPUT VOLTAGE(V)</b>	DC 24 120 240
<b>OPERATING CURRENT(MA)</b>	DC 24=630 120=146 240=73
<b>CONSUMPTION(W)</b>	DC 24=15 120=17.5 240=17
<b>LUMINANCE(LM)</b>	1206
<b>IK</b>	05



<b>ITEM</b>	B7FMG0958
<b>LIGHT SOURCE</b>	9×3W NICHIA
<b>LENS</b>	FB12B5
<b>SELECTED DEGREE(°)θ1/2</b>	9°
<b>INPUT VOLTAGE(V)</b>	DC 24 120 240
<b>OPERATING CURRENT(MA)</b>	DC 24=1375 120=245 240=133
<b>CONSUMPTION(W)</b>	DC 24=33 120=29.6 240=30
<b>LUMINANCE(LM)</b>	2632
<b>IK</b>	06



<b>HOUSING</b>	12# Die-casting aluminum finishing or powder painting T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
<b>LIGHT WINDOW</b>	Tempered Glass.T=3mm
<b>CABLE GLAND</b>	IP68 PG-9 PA66
<b>GASKET</b>	Tooling shaped seal
<b>LED</b>	SMD 3535
<b>LED DRIVER</b>	Constant Voltage Input, Constant Current Output
<b>POWER CABLE</b>	Outside of luminaire 12V/24V: H05RN-F 2×1.0mm², L=0.3m 120V/240V: H05RN-F 3×1.0mm², L=0.3m
<b>DIMMING SUPPORT</b>	Triac PWM Available 1-10V Dali Customized

### REGULAR PAINTING COLOR

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

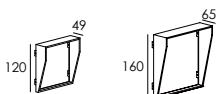
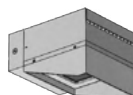
		Referenced Degree(°)θ1/2					
	FB11B4	9°	15°	20°	30°	45°	60°
	FB12B5	9°	15°	20°	30°	45°	60°

### ACCESSORIES(Optional)

#### ANTI-GLARE LOUVER



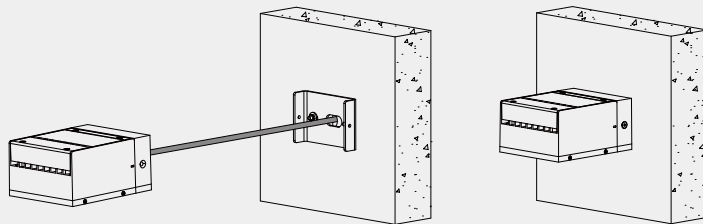
ID	Fitted Item
CA3023	B7EMG0459
CA3024	B7FMG0958



# Wall Washer

## Surface Mounting Wall Light IP65

### • DIAGRAM OF INSTRUCTION



### BEAM DEMO



B7EMG0459

B7FMG0958

### FAMILY ITEM APPLICATION

#### Spotlight



B3EME0459

• See page 112



B3FME0958



B3GME2558

#### Wall Mounting Ceiling Down Light



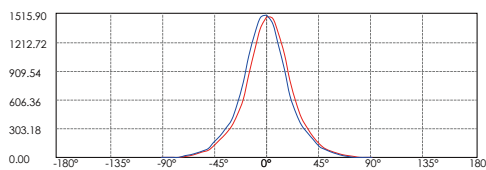
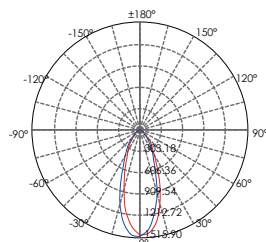
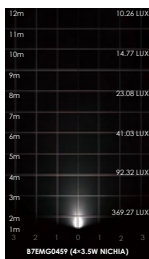
B8ELB0459

• See page 260



B8FLB0958

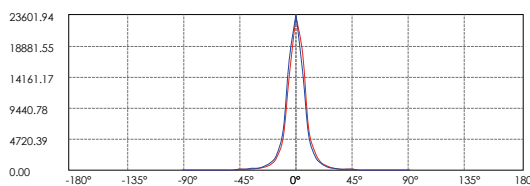
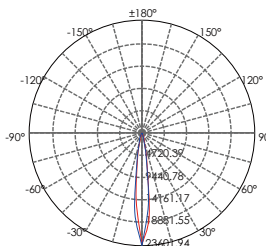
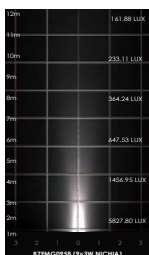
### PHOTOMETRIC



Lux distance Curve

Distance (m)	Illuminance at a Distance	
	Center Beam LUX	Beam Width (V x H)
2m	369.27 LUX	1.4m x 1.4m
4m	92.32 LUX	2.8m x 2.8m
6m	41.03 LUX	4.2m x 4.3m
8m	23.08 LUX	5.6m x 5.7m
10m	14.77 LUX	7.0m x 7.1m
12m	10.26 LUX	8.4m x 8.5m

Vert.Spread:38.6 Horiz.Spread:39.0



Lux distance Curve

Distance (m)	Illuminance at a Distance	
	Center Beam LUX	Beam Width (V x H)
2m	5827.80 LUX	0.5m x 0.5m
4m	1456.95 LUX	1.0m x 1.0m
6m	647.53 LUX	1.5m x 1.5m
8m	364.24 LUX	2.0m x 2.0m
10m	233.11 LUX	2.4m x 2.4m
12m	161.88 LUX	2.9m x 2.9m

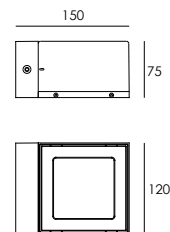
Vert.Spread:14.0 Horiz.Spread:14.0

# Asymmetrical Wall Washer

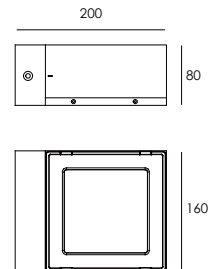
## Surface Mounting Wall Light IP65



<b>ITEM</b>	C7EMG0458
<b>LIGHT SOURCE</b>	4×3W NICHIA
<b>LENS</b>	C18
<b>SELECTED DEGREE(°)θ1/2</b>	65°×55°
<b>INPUT VOLTAGE(V)</b>	120 240
<b>OPERATING CURRENT(MA)</b>	120=106 240=56
<b>CONSUMPTION(W)</b>	120=12.6 240=12.6
<b>LUMINANCE(LM)</b>	520
<b>IK</b>	05



<b>ITEM</b>	C7FMG1057
<b>LIGHT SOURCE</b>	10×1.8W NICHIA
<b>LENS</b>	C18
<b>SELECTED DEGREE(°)θ1/2</b>	85°×55°
<b>INPUT VOLTAGE(V)</b>	120 240
<b>OPERATING CURRENT(MA)</b>	120=165 240=93
<b>CONSUMPTION(W)</b>	120=20 240=20.9
<b>LUMINANCE(LM)</b>	680
<b>IK</b>	06



<b>HOUSING</b>	12# Die-casting aluminum finishing or powder painting T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
<b>LIGHT WINDOW</b>	Tempered Glass.T=3mm
<b>CABLE GLAND</b>	IP68 PG-9 PA66
<b>GASKET</b>	Tooling shaped seal
<b>LED</b>	SMD 3535
<b>LED DRIVER</b>	Constant Voltage Input,Constant Current Output
<b>POWER CABLE</b>	Outside of luminaire 12V/24V: H05RN-F 2×1.0mm², L=0.3m 120V/240V: H05RN-F 3×1.0mm², L=0.3m
<b>DIMMING SUPPORT</b>	Triac PWM Available 1-10V Dali Customized

### REGULAR PAINTING COLOR

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

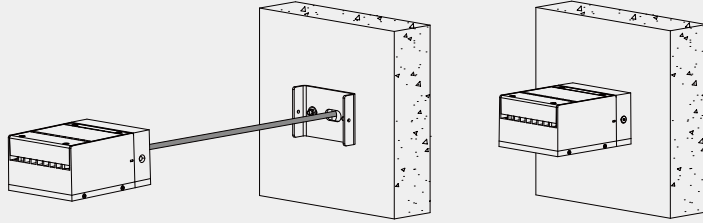
Referenced Degree(°)θ1/2

	C18	L01 <sup>80</sup> / <sub>60</sub> F077YS
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TRIAC PWM 1-10V DALI IP65 OUTDOOR RATED RoHS COMPLIANT CE

# Asymmetrical Wall Washer Surface Mounting Wall Light IP65

## • DIAGRAM OF INSTRUCTION



## BEAM DEMO



## FAMILY ITEM APPLICATION

Spotlight



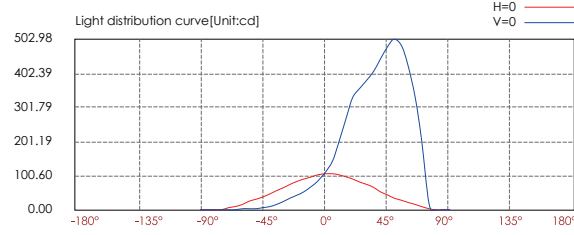
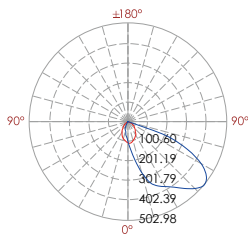
C3EME0458



C3FME1057

• See page 116

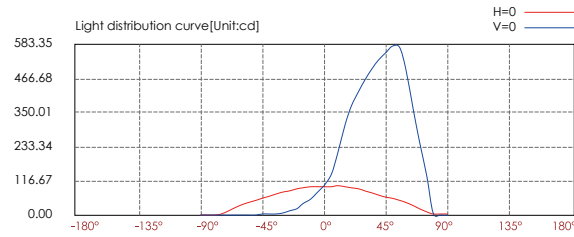
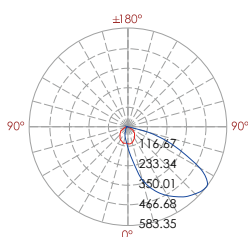
## PHOTOMETRIC



Lux distance curve

Center beam LUX	Beam width	
	V	H
26.95 LUX	2.5m	2.1m
6.74 LUX	5.0m	4.1m
2.99 LUX	7.5m	6.2m
1.68 LUX	9.9m	8.3m
1.08 LUX	12.4m	10.3m
0.75 LUX	14.9m	12.4m

Ver.Spread: 63.7 Horiz.Spread: 54.7



Lux distance curve

Center beam LUX	Beam width	
	V	H
24.40 LUX	2.7m	2.0m
6.10 LUX	5.3m	4.1m
2.71 LUX	8.0m	6.1m
1.53 LUX	10.6m	8.2m
0.98 LUX	13.3m	10.2m
0.68 LUX	16.0m	12.3m

Ver.Spread: 67.3 Horiz.Spread: 54.3



# Asymmetrical Wall Washer

## Surface Mounting Wall Light IP65



**ITEM**  
C7FKB1057

**LIGHT SOURCE**  
10×1.5W

**LENS**  
C18

**SELECTED DEGREE(°)θ1/2**  
94°×76°

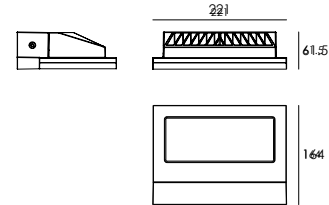
**INPUT VOLTAGE(V)**  
120 240

**OPERATING CURRENT(MA)**  
120=174 240=91

**CONSUMPTION(W)**  
120=20 240=20.1

**LUMINANCE(LM)**  
1372

**IK**  
06



**ITEM**  
C7GKB1257

**LIGHT SOURCE**  
12×2W

**LENS**  
C18

**SELECTED DEGREE(°)θ1/2**  
78°×40°

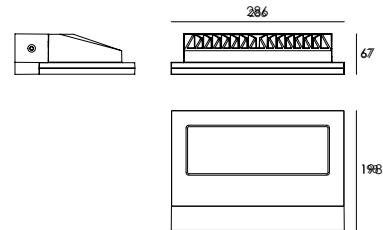
**INPUT VOLTAGE(V)**  
DC 24 120 240

**OPERATING CURRENT(MA)**  
DC 24=1000 120=211 240=118

**CONSUMPTION(W)**  
DC 24=24 120=25 240=26.3

**LUMINANCE(LM)**  
DC 24=1684 240=1808

**IK**  
06



**ITEM**  
C7HKB2157

**LIGHT SOURCE**  
21×1.7W

**LENS**  
C18

**SELECTED DEGREE(°)θ1/2**  
80°×60°

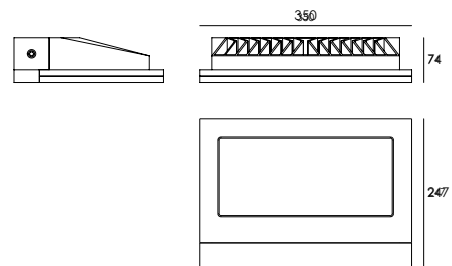
**INPUT VOLTAGE(V)**  
120 240

**OPERATING CURRENT(MA)**  
120=318 240=172

**CONSUMPTION(W)**  
120=37.8 240=38

**LUMINANCE(LM)**  
2257

**IK**  
06



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

**LIGHT WINDOW** Tempered glass 3mm:  
C7GKB1257, C7HKB2157  
Tempered glass 4mm:  
C7FKB1057

**GASKET** Tooling shaped seal

**DRIVER** Constant voltage input, constant current output

**OPERATING TEMPERATURE** -20°C-40°C

**POWER CABLE** Outside of luminaire  
12V/24V: H05RN-F 2×1.0mm², L=0.3m  
120V/240V: H05RN-F 3×1.0mm², L=0.3m

**DIMMING SUPPORT** Triac PWM Available  
1-10V Dali Customized

### REGULAR PAINTING COLOR

**Basic** Dark Grey KAP 7037

**Secondary** Silver Grey KAP 9022

Sanded Black RAL 9005

### OPTICS

C18

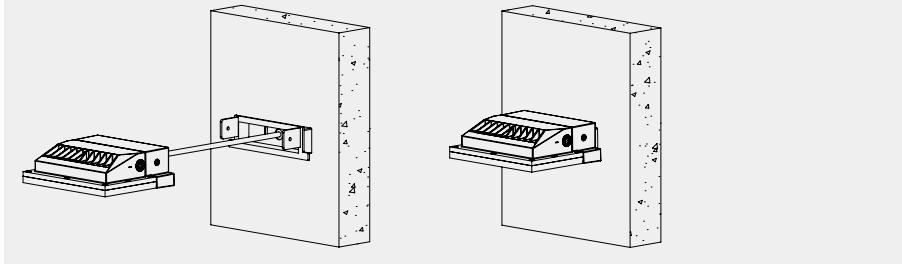
Referenced Degree(°)θ1/2  
L01<sup>80</sup>/<sub>60</sub> F077YS

TRIAC PWM 1-10V DALI IP65 OUTDOOR RATED

RoHS COMPLIANT CE

# Asymmetrical Wall Washer Surface Mounting Wall Light IP65

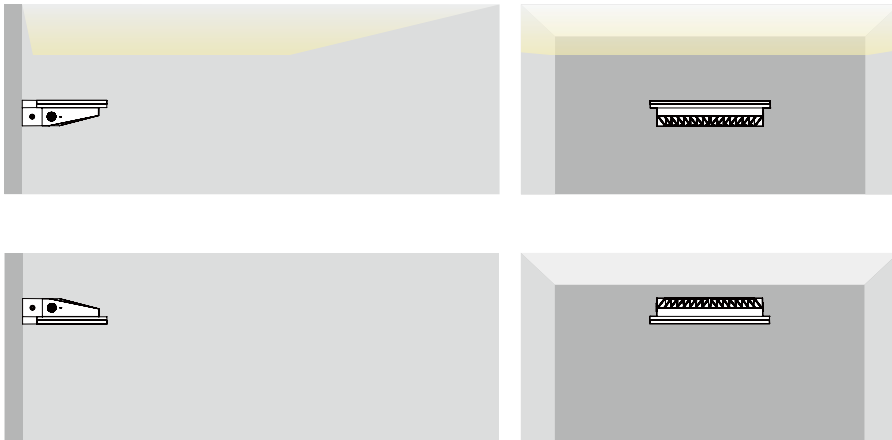
## DIAGRAM OF INSTRUCTION



## OVERVIEW



## BEAM DEMO



## FAMILY ITEM APPLICATIONS

Spotlight



C3FKA1057  
• See page 114

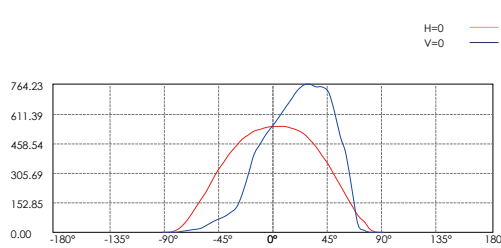
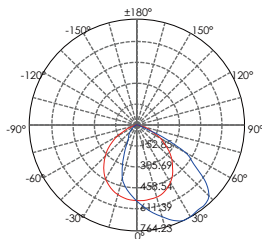


C3GKA1257



C3HKA2157

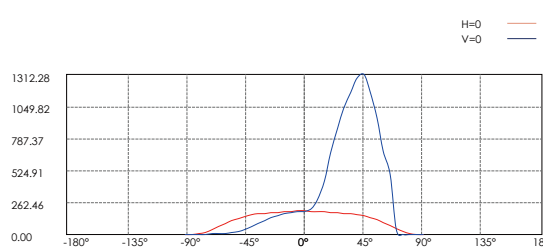
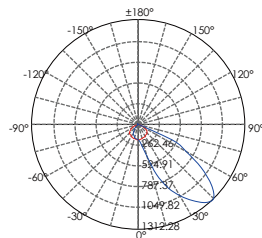
## PHOTOMETRIC



Lux distance Curve

Distance (m)	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

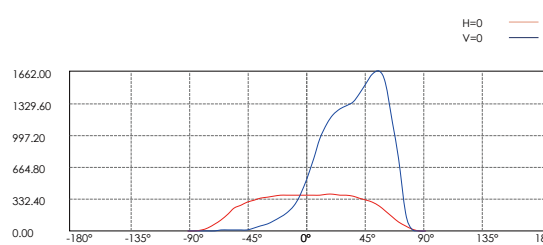
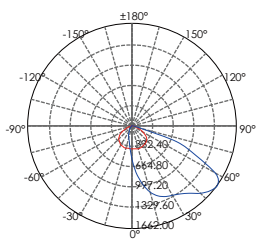
Vert. Spread: 94.6°    Horiz. Spread: 76.5°



Lux distance Curve

Distance (m)	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°



Lux distance Curve

Distance (m)	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°

# Floodlight Surface Mounting Wall Light IP65



**ITEM**  
C7EKB0359

---

**LIGHT SOURCE**  
3×3.5W

---

**LENS**  
FC08B5

---

**SELECTED DEGREE(°)θ1/2**  
45°/35°

---

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

---

**OPERATING CURRENT(MA)**  
DC 24=500 120=120 240=55

---

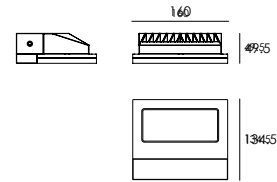
**CONSUMPTION(W)**  
DC 24=13 120=13.2 240=13

---

**LUMINANCE(LM)**  
811

---

**IK**  
06



**ITEM**  
C7FKB0559

---

**LIGHT SOURCE**  
5×3.5W

---

**LENS**  
FC07B4/FC08B5

---

**SELECTED DEGREE(°)θ1/2**  
45°/35°

---

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

---

**OPERATING CURRENT(MA)**  
DC 24=750 120=204 240=97

---

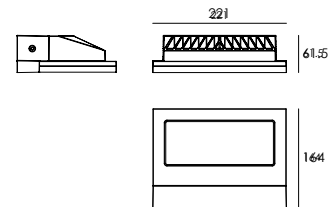
**CONSUMPTION(W)**  
DC 24=18 120=22.5 240=22

---

**LUMINANCE(LM)**  
1370

---

**IK**  
06



**ITEM**  
C7GKB1259

---

**LIGHT SOURCE**  
12×3W

---

**LENS**  
FC08B5

---

**SELECTED DEGREE(°)θ1/2**  
45°/35°

---

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

---

**OPERATING CURRENT(MA)**  
DC 24=1430 120=368 240=174

---

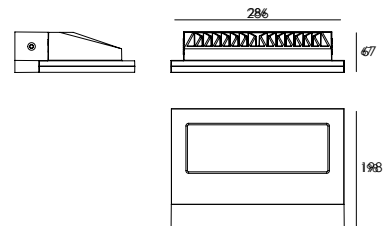
**CONSUMPTION(W)**  
DC 24=35 120=40.5 240=40

---

**LUMINANCE(LM)**  
2979

---

**IK**  
06



**ITEM**  
C7HKB2158

---

**LIGHT SOURCE**  
21×3W

---

**LENS**  
FC07B4/FC08B5

---

**SELECTED DEGREE(°)θ1/2**  
45°/35°

---

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

---

**OPERATING CURRENT(MA)**  
DC 24=2700 120=506 240=254

---

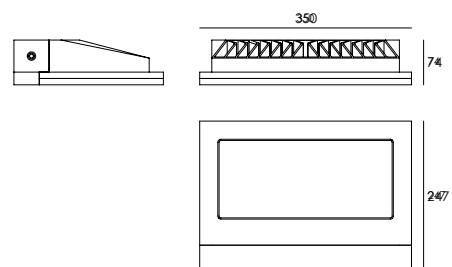
**CONSUMPTION(W)**  
DC 24=65 120=61 240=60

---

**LUMINANCE(LM)**  
5312

---

**IK**  
06

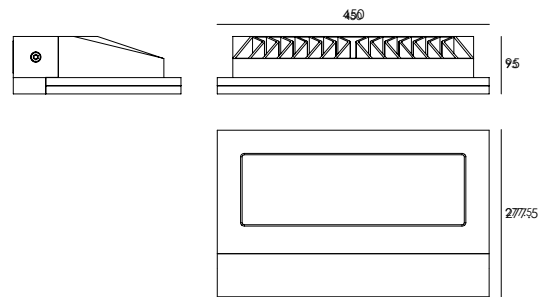


# Floodlight

## Surface Mounting Wall Light IP65



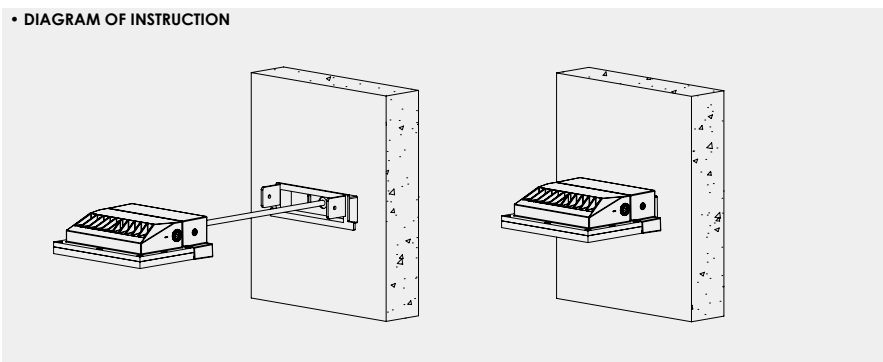
<b>ITEM</b>	C71KB3058
<b>LIGHT SOURCE</b>	30×2.8W
<b>LENS</b>	FC07B4/FC08B5
<b>SELECTED DEGREE(°)θ1/2</b>	45°/35°
<b>INPUT VOLTAGE(V)</b>	DC 24 120 240
<b>OPERATING CURRENT(MA)</b>	DC 24=4000 120=820 240=393
<b>CONSUMPTION(W)</b>	DC 24=96 120=90.5 240=88
<b>LUMINANCE(LM)</b>	6220
<b>IK</b>	06



<b>HOUSING</b>	12# Die-casting aluminum finishing or powder painting T=60-80μm. Adhesion of ISO class 1/ASTM class 4B
<b>LIGHT WINDOW</b>	Tempered glass 3mm: C7EKB0359, C7GKB1259, C7HKB2158 Tempered glass 4mm: C7FKB0559, C71KB3058
<b>GASKET</b>	Tooling shaped seal
<b>DRIVER</b>	Main voltage 100V-240V driver inside builded
<b>OPERATING TEMPERATURE</b>	-20°C-40°C
<b>POWER CABLE</b>	Outside of luminaire 12V/24V: H05RN-F 2×1.0mm², L=0.3m 120V/240V: H05RN-F 3×1.0mm², L=0.3m
<b>DIMMING SUPPORT</b>	Triac, PWM Available 1-10V Dali Customized

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

OPTICS		
	FC08B5	45° 35°
	FC07B4	45° 35°



# Floodlight Surface Mounting Wall Light IP65

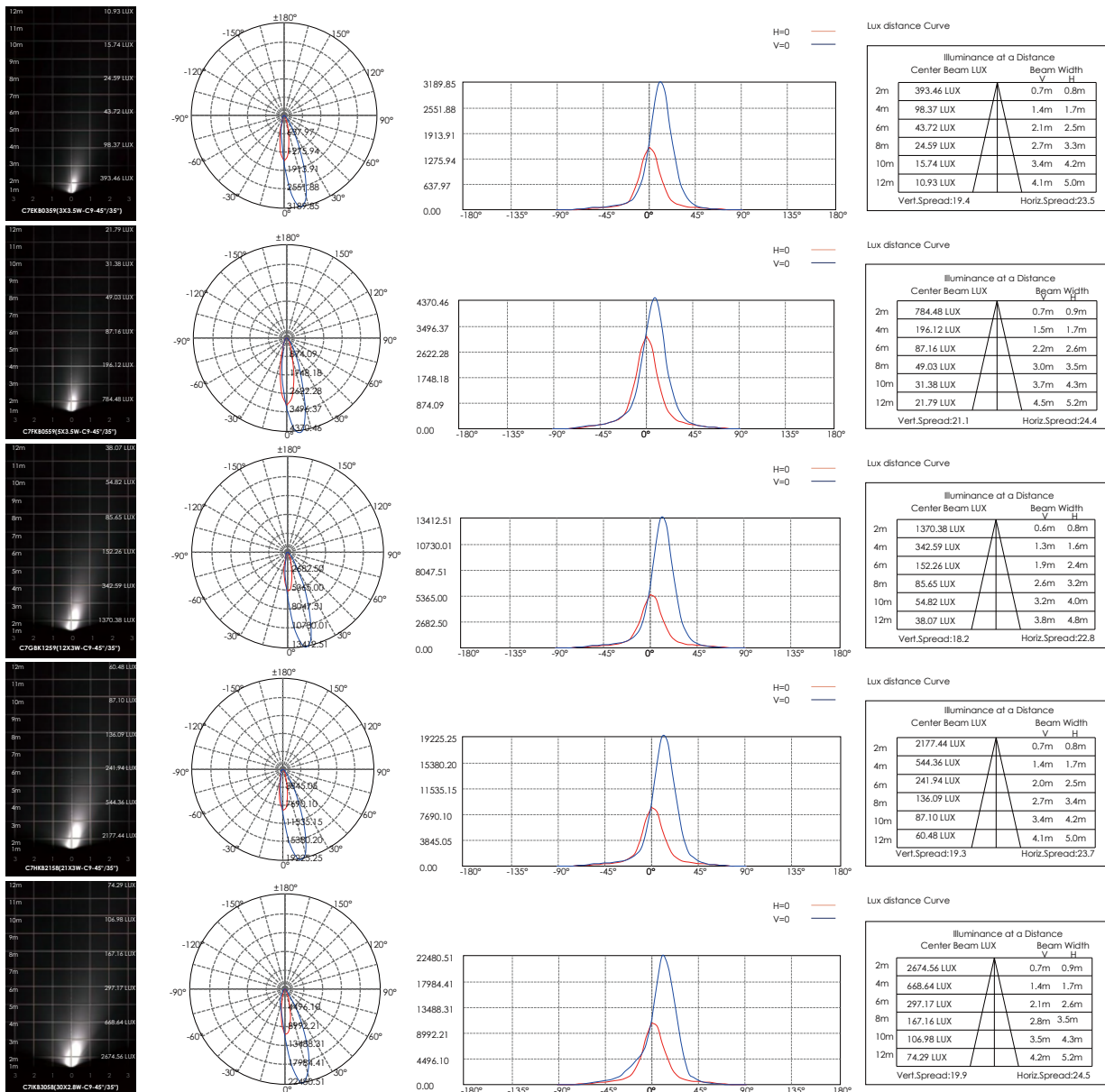
## FAMILY ITEM APPLICATION

Spotlight



• See page 108

## PHOTOMETRIC



# Wall washer

## Surface Mounting Wall Light IP65



**ITEM**  
B7DH0124

**LIGHT SOURCE**  
1x4.5W COB

**LENS**  
B54

**SELECTED DEGREE(°)θ1/2**  
24°

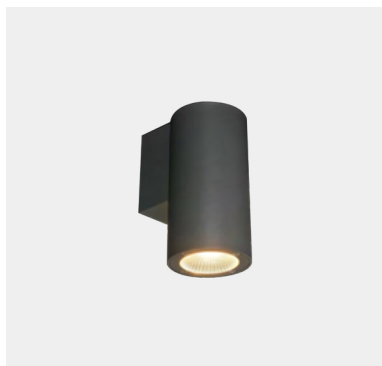
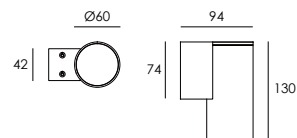
**INPUT VOLTAGE(V)**  
DC 24 240

**OPERATING CURRENT(MA)**  
DC 24=233 240=48

**CONSUMPTION(W)**  
DC 24=5.6 240=6

**LUMINANCE(LM)**  
WW=282

**IK**  
05



**ITEM**  
R7AH0128

**LIGHT SOURCE**  
1x10W COB

**REFLECTOR**  
R8

**SELECTED DEGREE(°)θ1/2**  
24°

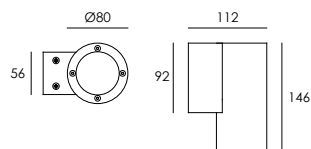
**INPUT VOLTAGE(V)**  
DC 24 120 240

**OPERATING CURRENT(MA)**  
DC 24=480 120=112 240=63

**CONSUMPTION(W)**  
DC 24=11.5 120=13.1 240=13.5

**LUMINANCE(LM)**  
CW=1335 WW=1170

**IK**  
10



**ITEM**  
R7BH0170

**LIGHT SOURCE**  
1x18W COB

**REFLECTOR**  
R18

**SELECTED DEGREE(°)θ1/2**  
22°

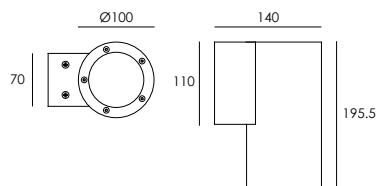
**INPUT VOLTAGE(V)**  
DC 24 120 240

**OPERATING CURRENT(MA)**  
DC 24=833 120=178 240=96

**CONSUMPTION(W)**  
DC 24=20 120=20 240=21.4

**LUMINANCE(LM)**  
CW=2021 WW=1847

**IK**  
10



**ITEM**  
R7CH0173

**LIGHT SOURCE**  
1x25W COB

**REFLECTOR**  
R19

**SELECTED DEGREE(°)θ1/2**  
22°

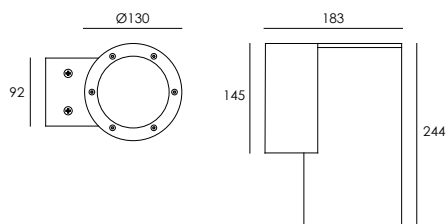
**INPUT VOLTAGE(V)**  
DC 24 120 240

**OPERATING CURRENT(MA)**  
DC 24=1080 120=270 240=146

**CONSUMPTION(W)**  
DC 24=26 120=30 240=31

**LUMINANCE(LM)**  
CW=3208 WW=2967

**IK**  
10



**ITEM**  
R7EH0176

**LIGHT SOURCE**  
1x40W COB

**REFLECTOR**  
R16

**SELECTED DEGREE(°)θ1/2**  
25°

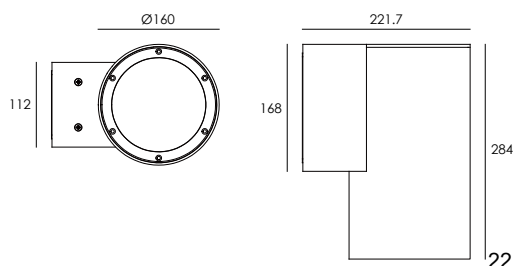
**INPUT VOLTAGE(V)**  
120 240

**OPERATING CURRENT(MA)**  
120=372 240=187

**CONSUMPTION(W)**  
120=44.8 240=44.5

**LUMINANCE(LM)**  
CW=4259 WW=4030

**IK**  
06



# Wall washer

## Surface Mounting Wall Light IP65

**HOUSING MATERIAL** Extruded aluminum alloy #6063






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

**REFLECTOR** OPTICS reflector. efficiency≥85%

**LED** NICHIA

**OPERATING TEMPERATURE** -20°C- 40°C

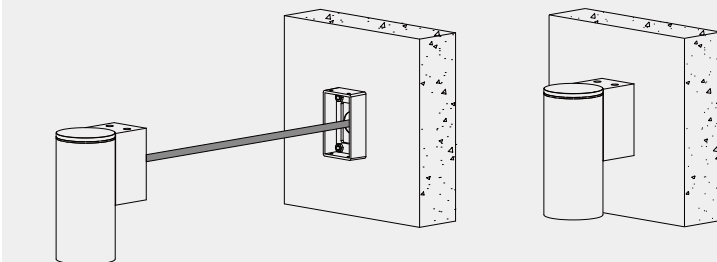
**POWER CABLE** Outside of luminaire  
12V/24V: H05RN-F 2×1.0mm<sup>2</sup>, L=0.3m  
120V/240V: H05RN-F 3×1.0mm<sup>2</sup>, L=0.3m

OPTICS		Referenced Degree(°)θ1/2			
	<b>B54</b>	15°	24°	38°	
	<b>R8</b>	15°	24°	38°	60°
	<b>R18</b>	12°	22°	35°	55°
	<b>R19</b>	10°	22°	38°	
	<b>R16</b>	12°	25°	38°	

### REGULAR PAINTING COLOR

Basic	Secondary
 Dark Grey <b>KAP 7037</b>	 Silver Grey <b>KAP 9022</b>  Sanded Black <b>RAL 9005</b>

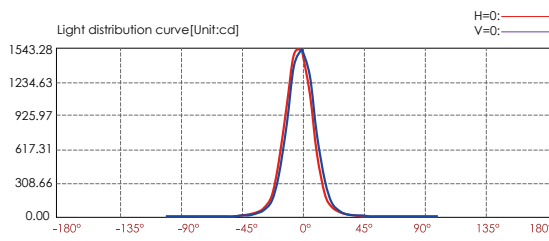
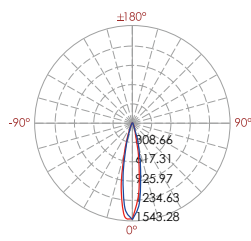
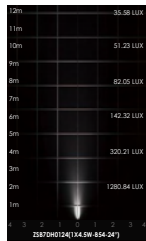
### • DIAGRAM OF INSTRUCTION



# Wall washer

## Surface Mounting Wall Light IP65

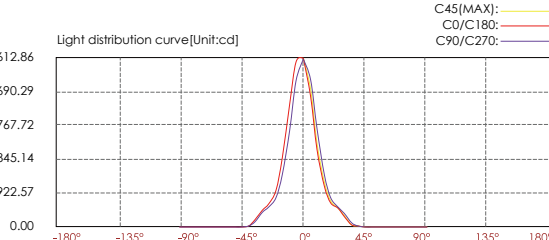
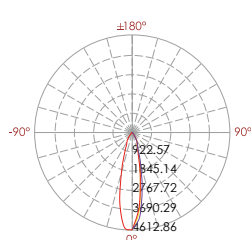
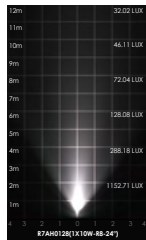
### PHOTOMETRIC



Lux distance cure

Distance (m)	Illuminance at a Distance	
	Center Beam LUX	Beam Width (V x H)
2m	380.14 LUX	0.7m x 0.7m
4m	95.03 LUX	1.5m x 1.5m
6m	42.24 LUX	2.2m x 2.2m
8m	23.76 LUX	2.9m x 2.9m
10m	15.21 LUX	3.7m x 3.7m
12m	10.56 LUX	4.4m x 4.4m

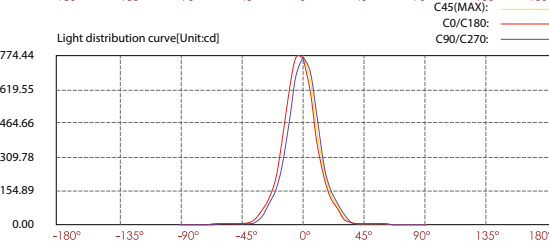
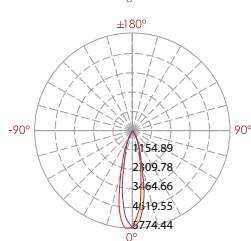
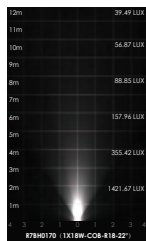
Verf.Spread:20.8 Horiz.Spread:20.9



Lux distance cure

Distance (m)	Illuminance at a distance	
	Center beam LUX	Beam width (V x H)
2m	1152.71 LUX	0.8m x 0.8m
4m	288.18 LUX	1.6m x 1.6m
6m	128.08 LUX	2.4m x 2.4m
8m	72.04 LUX	3.2m x 3.3m
10m	46.11 LUX	4.0m x 4.1m
12m	32.02 LUX	4.9m x 4.9m

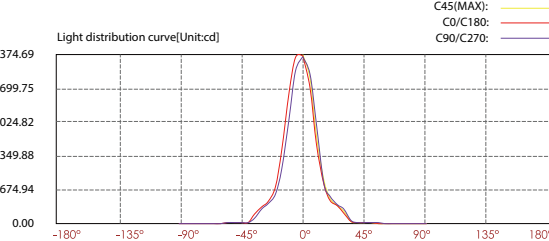
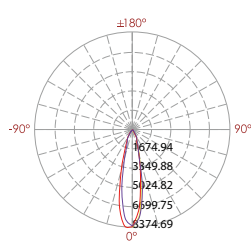
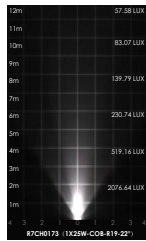
Verf.Spread:22.9 Horiz.Spread:23.0



Lux distance cure

Distance (m)	Illuminance at a distance	
	Center beam LUX	Beam width (V x H)
2m	1421.67 LUX	0.9m x 0.9m
4m	355.42 LUX	1.8m x 1.8m
6m	157.96 LUX	2.6m x 2.7m
8m	88.85 LUX	3.5m x 3.5m
10m	56.87 LUX	4.4m x 4.4m
12m	39.49 LUX	5.3m x 5.3m

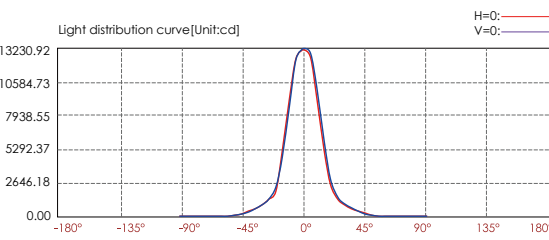
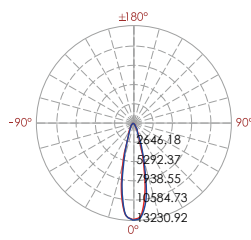
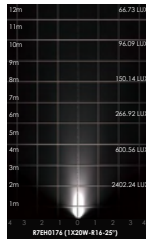
Verf.Spread:24.8 Horiz.Spread:24.9



Lux distance cure

Distance (m)	Illuminance at a distance	
	Center beam LUX	Beam width (V x H)
2m	2076.64 LUX	0.9m x 0.8m
4m	519.16 LUX	1.7m x 1.7m
6m	230.74 LUX	2.6m x 2.5m
8m	129.79 LUX	3.4m x 3.4m
10m	83.07 LUX	4.3m x 4.2m
12m	57.68 LUX	5.1m x 5.1m

Verf.Spread:24.2 Horiz.Spread:23.8



Lux distance cure

Distance (m)	Illuminance at a Distance	
	Center Beam LUX	Beam Width (V x H)
2m	3274.96 LUX	0.9m x 0.9m
4m	818.74 LUX	1.9m x 1.9m
6m	363.88 LUX	2.8m x 2.8m
8m	204.68 LUX	3.8m x 3.8m
10m	131.00 LUX	4.7m x 4.7m
12m	90.97 LUX	5.6m x 5.7m

Verf.Spread:26.4 Horiz.Spread:26.7



# Wall washer

## Surface Mounting Wall Light IP65



**ITEM**  
B7DH0224

**LIGHT SOURCE**  
2×4.5W COB NICHIA

**LENS**  
B54

**SELECTED DEGREE(°)θ1/2**  
24°

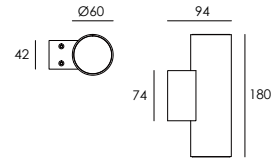
**INPUT VOLTAGE(V)**  
DC 24 240

**OPERATING CURRENT(MA)**  
DC 24=420 240=49

**CONSUMPTION(W)**  
DC 24=10 240=10.7

**LUMINANCE(LM)**  
WW=282×2

**IK**  
05



**ITEM**  
R7AH0227

**LIGHT SOURCE**  
2×8W COB NICHIA

**REFLECTOR**  
R8

**SELECTED DEGREE(°)θ1/2**  
24°

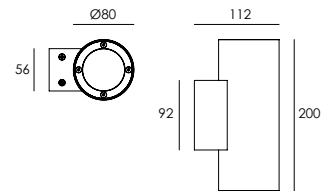
**INPUT VOLTAGE(V)**  
DC 24 120 240

**OPERATING CURRENT(MA)**  
DC 24=832 120=163 240=91

**CONSUMPTION(W)**  
DC 24=20 120=20 240=20.8

**LUMINANCE(LM)**  
CW=1053×2 WW=986×2

**IK**  
10



**ITEM**  
R7BH0229

**LIGHT SOURCE**  
2×12W COB NICHIA

**REFLECTOR**  
R18

**SELECTED DEGREE(°)θ1/2**  
22°

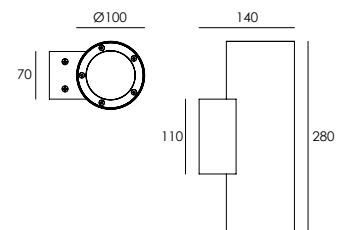
**INPUT VOLTAGE(V)**  
DC 24 120 240

**OPERATING CURRENT(MA)**  
DC 24=1080 120=210 240=116

**CONSUMPTION(W)**  
DC 24=26 120=25.5 240=25

**LUMINANCE(LM)**  
CW=1289×2 WW=1079×2

**IK**  
10



**ITEM**  
R7CH0270

**LIGHT SOURCE**  
2×18W COB NICHIA

**REFLECTOR**  
R19

**SELECTED DEGREE(°)θ1/2**  
22°

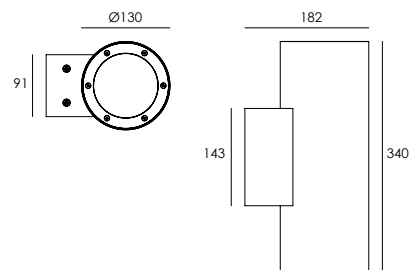
**INPUT VOLTAGE(V)**  
DC 24 240

**OPERATING CURRENT(MA)**  
DC 24=1660 240=182

**CONSUMPTION(W)**  
DC 24=40 240=42

**LUMINANCE(LM)**  
CW=2224×2 WW=2036×2

**IK**  
10



<b>HOUSING MATERIAL</b>	Extruded aluminum alloy #6063
<b>PAINTING</b>	Powder coating ,T= 60-80 μm. Adhesion of ISOclass 1/ASTM class 4B
<b>REFLECTOR</b>	OPTICS reflector. efficiency≥85%
<b>LED</b>	NICHIA
<b>OPERATING TEMPERATURE</b>	-20°C- 40°C
<b>POWER CABLE</b>	Outside of luminaire 12V/24V: H05RN-F 2×1.0mm², L=0.3m 120V/240V: H05RN-F 3×1.0mm², L=0.3m

OPTICS		Referenced Degree(°)θ1/2			
	B54	15°	24°	38°	
	R8	15°	24°	38°	60°
	R18	12°	22°	35°	55°
	R19	10°	22°	38°	

# Wall washer

## Surface Mounting Wall Light IP65

### REGULAR PAINTING COLOR

Basic

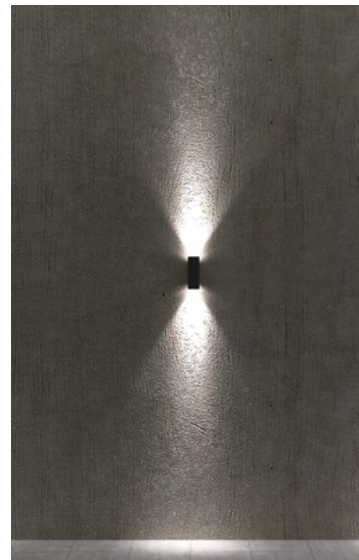
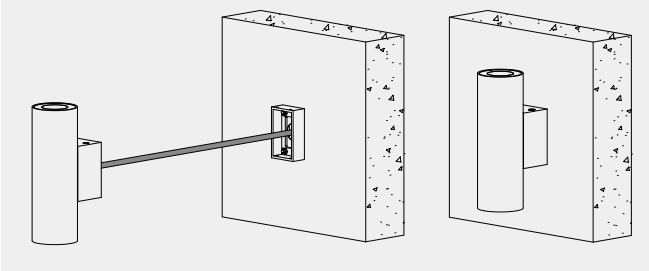
Dark Grey  
KAP 7037

Secondary

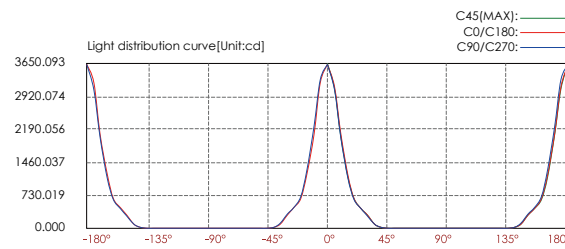
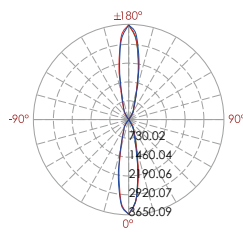
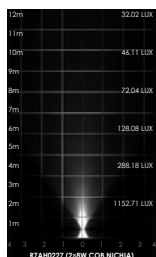
Silver Grey  
KAP 9022

Sanded Black  
RAL 9005

### • DIAGRAM OF INSTRUCTION



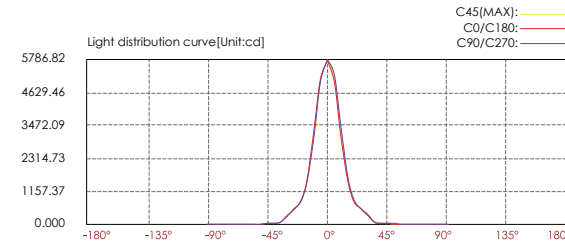
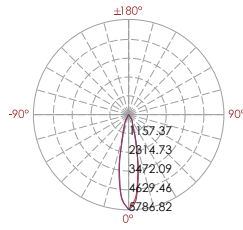
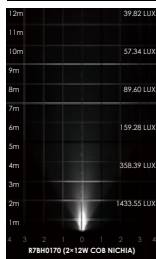
### PHOTOMETRIC



Lux distance cure

Center beam LUX	Beam width V	Beam width H
2m	0.8m	0.8m
4m	1.6m	1.7m
6m	2.5m	2.5m
8m	3.3m	3.3m
10m	4.1m	4.2m
12m	4.9m	5.0m

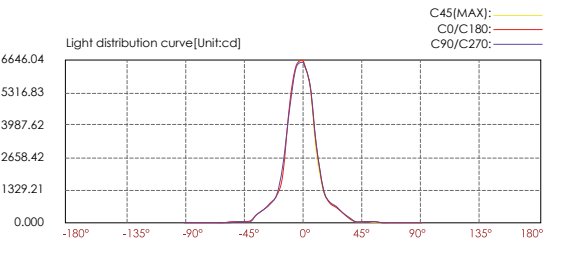
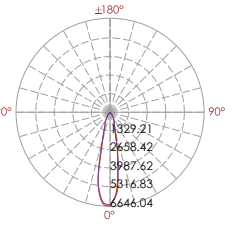
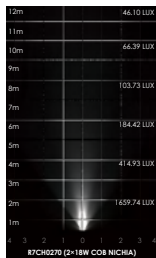
Vert.Spread:23.5 Horiz.Spread:23.1



Lux distance cure

Center beam LUX	Beam width V	Beam width H
2m	0.8m	0.8m
4m	1.6m	1.6m
6m	2.4m	2.3m
8m	3.1m	3.1m
10m	3.9m	3.9m
12m	4.7m	4.7m

Vert.Spread:22.2 Horiz.Spread:22.0



Lux distance cure

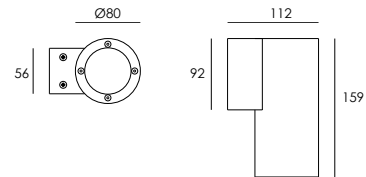
Center beam LUX	Beam width V	Beam width H
2m	0.8m	0.8m
4m	1.6m	1.6m
6m	2.5m	2.4m
8m	3.3m	3.1m
10m	4.1m	3.9m
12m	4.9m	4.7m

Vert.Spread:23.3 Horiz.Spread:22.2

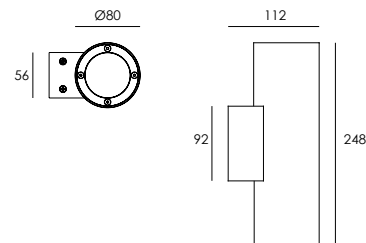
# Super Narrow Beam Wall Washer Surface Mounting Wall Light IP65



<b>ITEM</b>	B7AH0168
<b>LIGHT SOURCE</b>	1×10W
<b>LENS</b>	B83
<b>LENS DEGREE(°)Ø1/2</b>	6°
<b>INPUT VOLTAGE(V)</b>	240
<b>OPERATING CURRENT(MA)</b>	240=61
<b>CONSUMPTION(W)</b>	240=13
<b>LUMINANCE(LM)</b>	350
<b>IK</b>	06



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



<b>HOUSING</b>	Extruded aluminum alloy #6063 powder coated T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
<b>LIGHT WINDOW</b>	PMMA T=7.5mm
<b>GASKET</b>	Tooling shaped seal
<b>LED DRIVER</b>	Main voltage 100V-240V driver inside builded
<b>LED</b>	CREE 3535
<b>OPERATING TEMPERATURE</b>	-20°C-40°C
<b>POWER CABLE</b>	Outside of luminaire 120V/240V: H05RN-F 3×1.0mm², L=0.3m

## REGULAR PAINTING COLOR

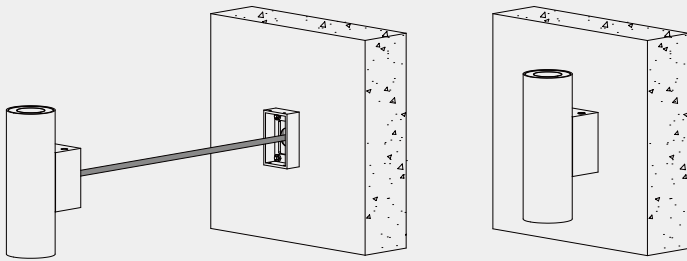
Basic	Secondary
Dark Grey KAP 7037	Silver Grey KAP 9022
	Sanded Black RAL 9005

## OPTICS

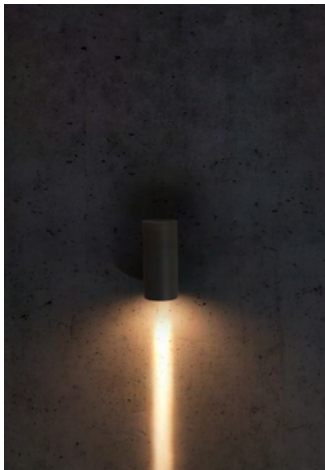
B83	6°
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# Super Narrow Beam Wall Washer Surface Mounting Wall Light IP65

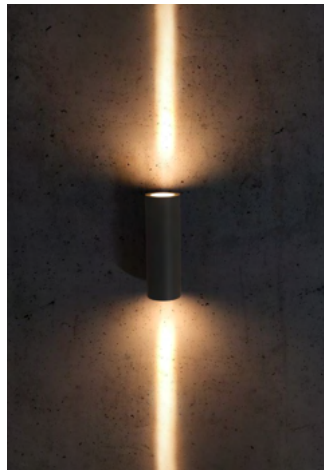
## • DIAGRAM OF INSTRUCTION



## BEAM DEMO

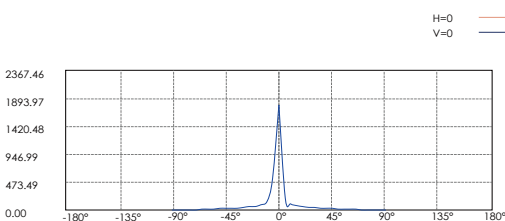
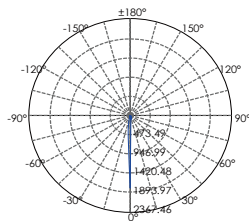
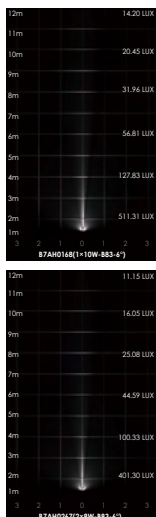


B7AH0168



B7AH0267

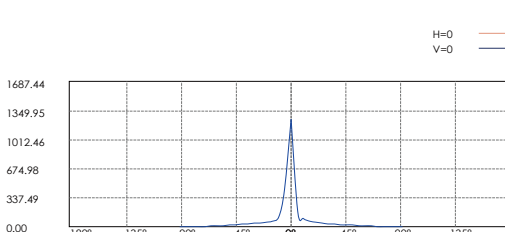
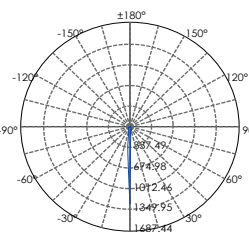
## PHOTOMETRIC



Lux distance Curve

Distance (m)	Illuminance at a Distance	
	Center Beam LUX	Beam Width (V x H)
2m	511.31 LUX	2.0m x 0.2m
4m	127.83 LUX	3.9m x 0.4m
6m	56.81 LUX	5.9m x 0.6m
8m	31.96 LUX	7.9m x 0.8m
10m	20.45 LUX	9.9m x 1.0m
12m	14.20 LUX	11.8m x 1.2m

Vert.Spread:52.5 Horiz.Spread:5.6



Lux distance Curve

Distance (m)	Illuminance at a Distance	
	Center Beam LUX	Beam Width (V x H)
2m	401.30 LUX	2.0m x 0.2m
4m	100.33 LUX	4.0m x 0.3m
6m	44.59 LUX	6.0m x 0.5m
8m	25.08 LUX	7.9m x 0.7m
10m	16.05 LUX	9.9m x 0.8m
12m	11.15 LUX	11.9m x 1.0m

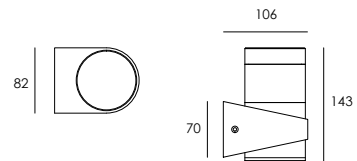
Vert.Spread:52.9 Horiz.Spread:4.7

# Softlight

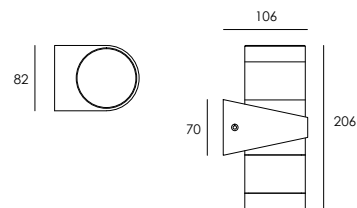
## Surface Mounting Wall Light IP65



<b>ITEM</b>	D7BD0125
<b>LIGHT SOURCE</b>	1×4.5W
<b>LENS</b>	N/A
<b>SELECTED DEGREE(°)θ1/2</b>	N/A
<b>INPUT VOLTAGE(V)</b>	DC 24 240
<b>OPERATING CURRENT(MA)</b>	DC 24=230 240=29
<b>CONSUMPTION(W)</b>	DC 24=5.5 240=6
<b>LUMINANCE(LM)</b>	24V=409
<b>IK</b>	08



<b>ITEM</b>	D7BE0224
<b>LIGHT SOURCE</b>	2×4.5W
<b>LENS</b>	N/A
<b>SELECTED DEGREE(°)θ1/2</b>	N/A
<b>INPUT VOLTAGE(V)</b>	DC 24 240
<b>OPERATING CURRENT(MA)</b>	DC 24=440 240=46
<b>CONSUMPTION(W)</b>	DC 24=10.5 240=10.4
<b>LUMINANCE(LM)</b>	DC 24=2×409
<b>IK</b>	08



<b>HOUSING</b>	12# Die-casting aluminum finishing or powder painting T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
<b>LIGHT WINDOW</b>	PMMA T=8mm
<b>LED DRIVER</b>	Constant Voltage Input, Constant Current Output
<b>LED</b>	NICHIA COB
<b>OPERATING TEMPERATURE</b>	-20°C-40°C
<b>POWER CABLE</b>	Outside of luminaire 12V/24V: H05RN-F 2×1.0mm <sup>2</sup> , L=0.3m 120V/240V: H05RN-F 3×1.0mm <sup>2</sup> , L=0.3m

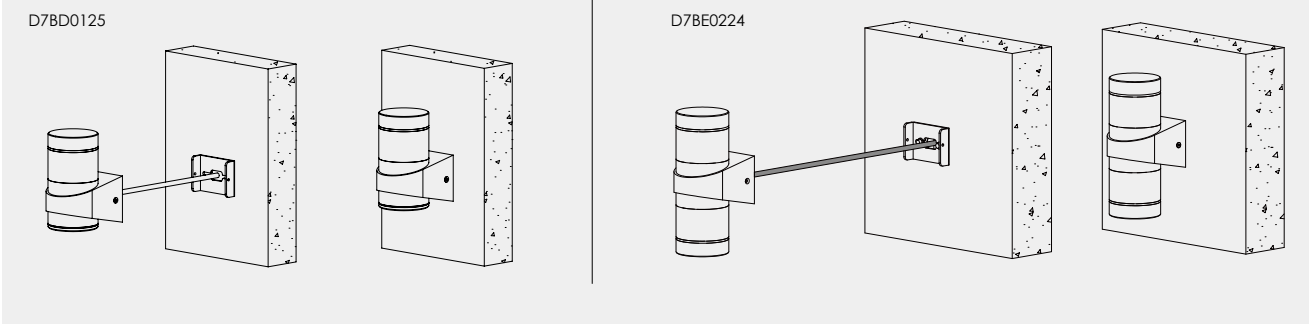
### REGULAR PAINTING COLOR

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



# Softlight Surface Mounting Wall Light IP65

## DIAGRAM OF INSTRUCTION



## BEAM DEMO

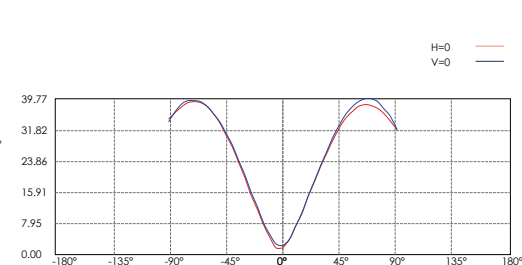
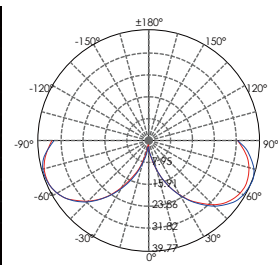


D7BD0125



D7BE0224

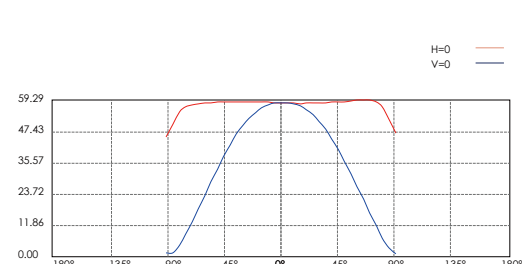
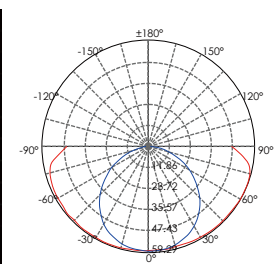
## PHOTOMETRIC



Lux distance Curve

	Illuminance at a Distance	
	Center Beam LUX	Beam Width V—H
2m	0.44 LUX	150.5m 2.4m
4m	0.11 LUX	301.0m 4.8m
6m	0.05 LUX	451.6m 7.2m
8m	0.03 LUX	602.1m 9.7m
10m	0.02 LUX	752.6m 12.1m
12m	0.01 LUX	903.1m 14.5m

Vert.Spread:177.0 Horiz.Spread:62.3



Lux distance Curve

	Illuminance at a Distance	
	Center Beam LUX	Beam Width V—H
2m	14.54 LUX	145.6m 117.6m
4m	3.63 LUX	291.2m 235.2m
6m	1.62 LUX	436.8m 352.8m
8m	0.91 LUX	582.4m 470.3m
10m	0.58 LUX	728.0m 587.9m
12m	0.40 LUX	873.6m 705.5m

Vert.Spread:176.9 Horiz.Spread:176.2

# Softlight Surface Mounting Wall Light IP65



**ITEM**  
D7BJ0125

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**LIGHT SOURCE**  
1×4.5W

---

**INPUT VOLTAGE(V)**  
DC 24 240

---

**OPERATING CURRENT(MA)**  
DC 24=230 240=29

---

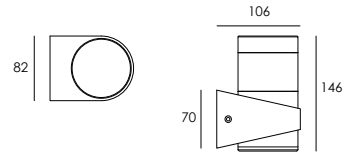
**CONSUMPTION(W)**  
DC 24=5.5 240=6

---

**LUMINANCE(LM)**  
DC 24=447

---

**IK**  
08



**ITEM**  
D7BK0224

---

**LIGHT SOURCE**  
2×4.5W

---

**INPUT VOLTAGE(V)**  
DC 24 240

---

**OPERATING CURRENT(MA)**  
DC 24=440 240=46

---

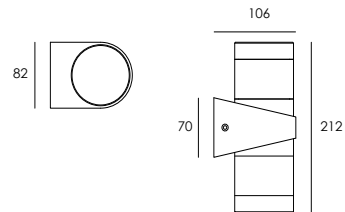
**CONSUMPTION(W)**  
DC 24=10.5 240=10.4

---

**LUMINANCE(LM)**  
DC 24=2×447

---

**IK**  
08



<b>HOUSING</b>	12# Die-casting aluminum finishing or powder painting T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
<b>LIGHT WINDOW</b>	PMMA T
<b>LED DRIVER</b>	Constant Voltage Input, Constant Current Output
<b>LED</b>	NICHIA COB
<b>OPERATING TEMPERATURE</b>	-20°C-40°C
<b>POWER CABLE</b>	Outside of luminaire 12V/24V: H05RN-F 2×1.0mm <sup>2</sup> , L=0.3m 120V/240V: H05RN-F 3×1.0mm <sup>2</sup> , L=0.3m

## REGULAR PAINTING COLOR

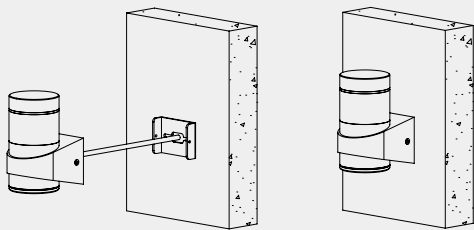
<b>Basic</b>	<b>Secondary</b>
 Dark Grey KAP 7037	 Silver Grey KAP 9022
	 Sanded Black RAL 9005



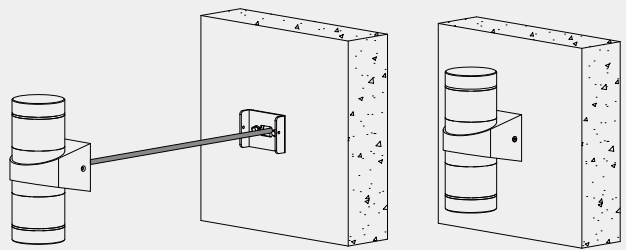
# Softlight Surface Mounting Wall Light IP65

## • DIAGRAM OF INSTRUCTION

D7BJ0125



D7BK0224

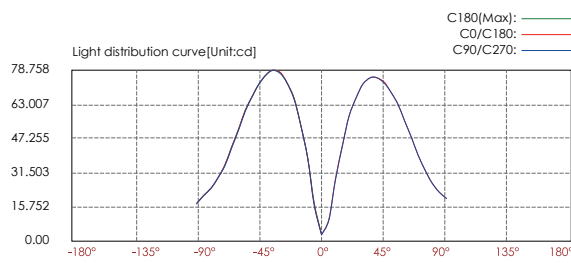
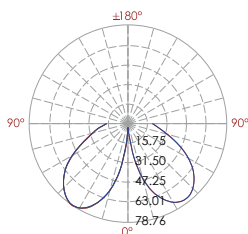


## FEATURES



- Made of PMMA integrally formed and finished.

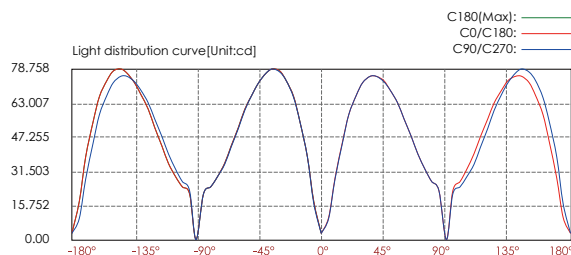
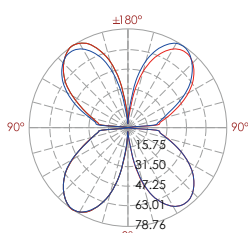
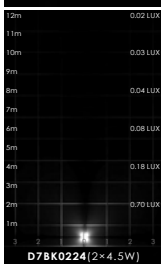
## PHOTOMETRIC



Lux distance curve

Center beam LUX	Beam width V
2m 0.71 LUX	1036.2m
4m 0.18 LUX	2072.4m
6m 0.08 LUX	3108.5m
8m 0.04 LUX	4144.7m
10m 0.03 LUX	5180.9m
12m 0.02 LUX	6217.1m

Horiz.Spread: 179.6 Vert.Spread: 179.6



Lux distance curve

Center beam LUX	Beam width V
2m 0.71 LUX	621.0m
4m 0.18 LUX	1242.1m
6m 0.08 LUX	1863.1m
8m 0.04 LUX	2484.2m
10m 0.03 LUX	3105.2m
12m 0.02 LUX	3726.2m

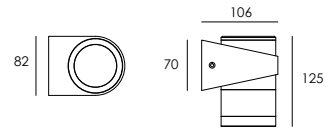
Horiz.Spread: 179.4 Vert.Spread: 179.4



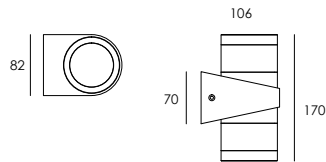
# Softlight Surface Mounting Wall Light IP65



<b>ITEM</b>	R7BF0127
<b>LIGHT SOURCE</b>	1×8W
<b>REFLECTOR</b>	R8
<b>SELECTED DEGREE(°)θ1/2</b>	24°
<b>INPUT VOLTAGE(V)</b>	DC 24 120 240
<b>OPERATING CURRENT(MA)</b>	DC 24=420 240=46
<b>CONSUMPTION(W)</b>	DC 24=10 240=8
<b>LUMINANCE(LM)</b>	689
<b>IK</b>	08



<b>ITEM</b>	R7BG0227
<b>LIGHT SOURCE</b>	2×8W
<b>REFLECTOR</b>	R8
<b>SELECTED DEGREE(°)θ1/2</b>	24°
<b>INPUT VOLTAGE(V)</b>	DC 24 120 240
<b>OPERATING CURRENT(MA)</b>	DC 24=840 240=80
<b>CONSUMPTION(W)</b>	DC 24=20 240=16
<b>LUMINANCE(LM)</b>	2×750
<b>IK</b>	08



<b>HOUSING</b>	12# Die-casting aluminum finishing or powder painting T=60-80μm. Adhesion of ISO class 1/ASTM class 4B
<b>REFLECTOR</b>	OPTICS Reflector, efficiency≥85%
<b>LIGHT WINDOW</b>	PMMA T=6mm
<b>LED DRIVER</b>	Constant Voltage Input, Constant Current Output
<b>LED</b>	NICHIA COB
<b>OPERATING TEMPERATURE</b>	-20°C-40°C
<b>POWER CABLE</b>	Outside of luminaire 12V/24V: H05RN-F 2×1.0mm², L=0.3m 120V/240V: H05RN-F 3×1.0mm², L=0.3m

### REGULAR PAINTING COLOR

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

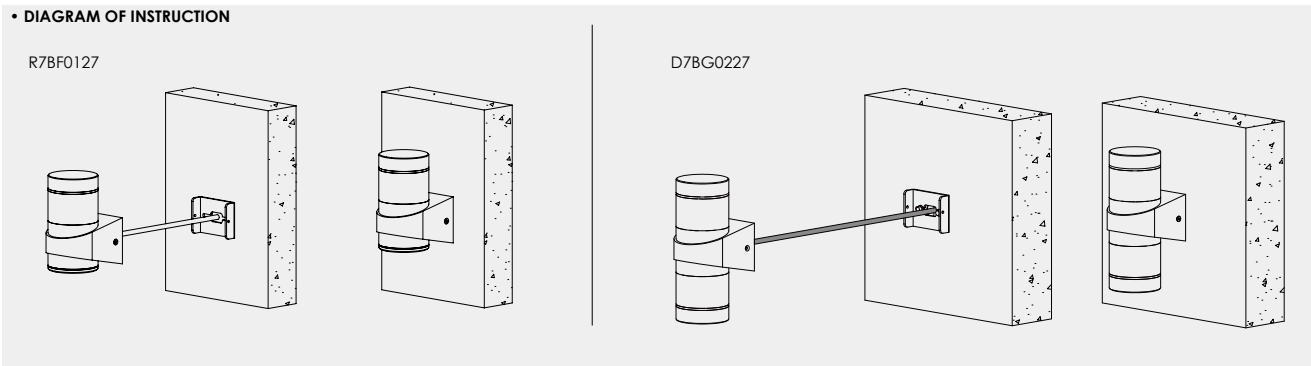
### OPTICS

		Referenced Degree(°)θ1/2			
	R8	15°	24°	38°	50°

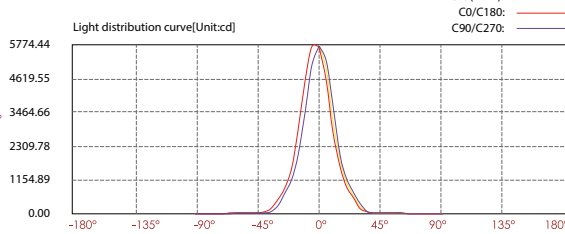
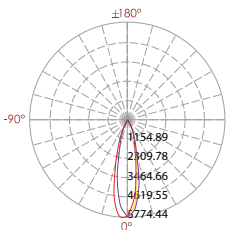
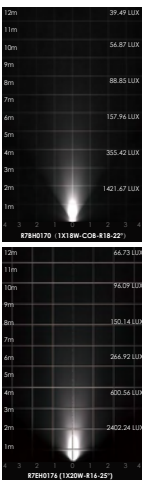


# Softlight Surface Mounting Wall Light IP65

## • DIAGRAM OF INSTRUCTION



## PHOTOMETRIC



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

H=0: —  
V=0: —

### Lux distance cure

Illuminance at a distance			
Center beam LUX	Beam width		
	V	H	
2m	1421.67 LUX	0.9m	0.9m
4m	355.42 LUX	1.8m	1.8m
6m	157.96 LUX	2.6m	2.7m
8m	88.85 LUX	3.5m	3.5m
10m	56.87 LUX	4.4m	4.4m
12m	39.49 LUX	5.3m	5.3m
Verf.Spread:24.8		Horiz.Spread:24.9	

### Lux distance cure

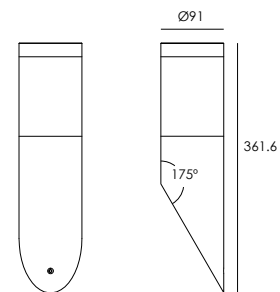
Illuminance at a Distance			
Center Beam LUX	Beam Width		
	V	H	
2m	3274.96 LUX	0.9m	0.9m
4m	818.74 LUX	1.9m	1.9m
6m	363.88 LUX	2.8m	2.8m
8m	204.68 LUX	3.8m	3.8m
10m	131.00 LUX	4.7m	4.7m
12m	90.97 LUX	5.6m	5.7m
Verf.Spread:26.4		Horiz.Spread:26.7	

# Softlight

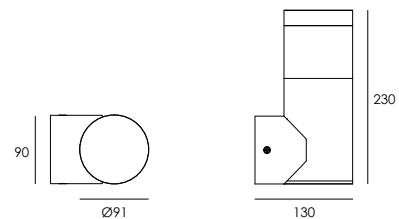
## Surface Mounting Wall Light IP65



<b>ITEM</b>	D7DK0110
<b>LIGHT SOURCE</b>	5W GU-10
<b>SELECTED DEGREE(°)Ø1/2</b>	175°
<b>INPUT VOLTAGE(V)</b>	240
<b>OPERATING CURRENT(MA)</b>	240=41
<b>CONSUMPTION(W)</b>	240=5
<b>LUMINANCE(LM)</b>	216
<b>IK</b>	07



<b>ITEM</b>	D7FH0110
<b>LIGHT SOURCE</b>	5W GU-10
<b>SELECTED DEGREE(°)Ø1/2</b>	175°
<b>INPUT VOLTAGE(V)</b>	240
<b>OPERATING CURRENT(MA)</b>	240=41
<b>CONSUMPTION(W)</b>	240=5
<b>LUMINANCE(LM)</b>	242
<b>IK</b>	07



<b>HOUSING MATERIAL</b>	Extruded aluminum alloy #6063
<b>PAINTING</b>	Powder coating, T= 60-80 µm. Adhesion of ISO class 1/ASTM class 4B
<b>LIGHT WINDOW</b>	PMMA T=5mm
<b>LED</b>	GU-10 LED Lamp
<b>OPERATING TEMPERATURE</b>	-20°C- 40°C
<b>POWER CABLE</b>	Outside of luminaire 120V/240V: H05RN-F 3×1.0mm², L=0.3m

### REGULAR PAINTING COLOR

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

### 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 GU-10 pin spec
  - Input voltage is according to GU10 pin spec

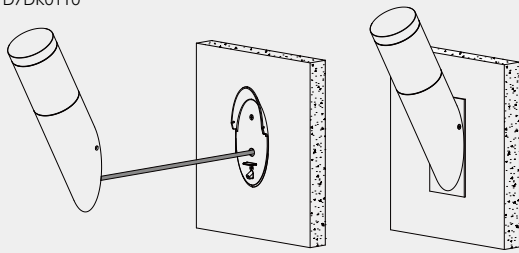


# Softlight

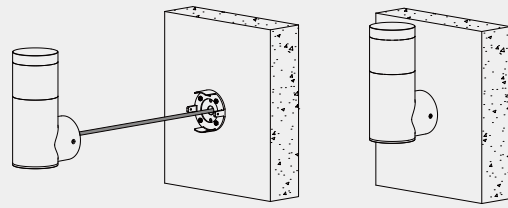
## Surface Mounting Wall Light IP65

### • DIAGRAM OF INSTRUCTION

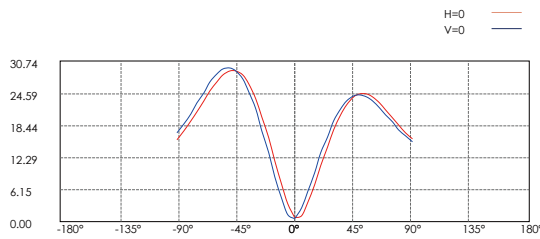
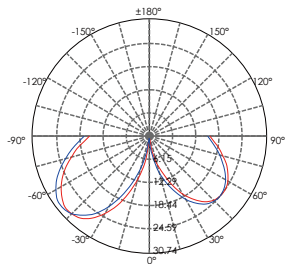
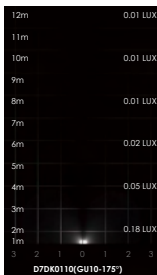
D7DK0110



D7FH0110



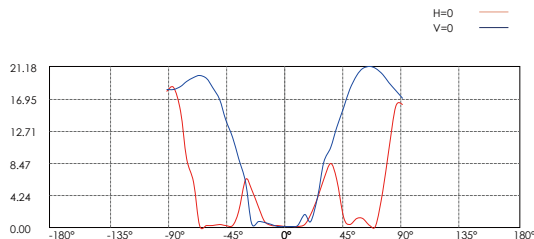
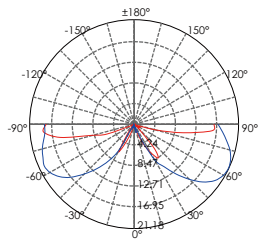
### PHOTOMETRIC



Lux distance Curve

Distance	Illuminance of a Distance	
	Center Beam LUX	Beam Width
2m	0.18 LUX	95.4m 99.5m
4m	0.05 LUX	190.9m 199.0m
6m	0.02 LUX	286.3m 298.4m
8m	0.01 LUX	381.7m 397.9m
10m	0.01 LUX	477.2m 497.4m
12m	0.01 LUX	572.6m 596.9m

Vert.Spread:175.3 Horiz.Spread:175.5



Lux distance Curve

Distance	Illuminance of a Distance	
	Center Beam LUX	Beam Width
2m	0.03 LUX	143.1m 2.0m
4m	0.01 LUX	286.2m 4.0m
6m	0.00 LUX	429.3m 6.0m
8m	0.00 LUX	572.4m 8.0m
10m	0.00 LUX	715.5m 10.0m
12m	0.00 LUX	858.6m 12.0m

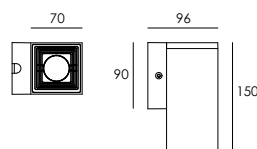
Vert.Spread:176.9 Horiz.Spread:53.3

# Wall Washer

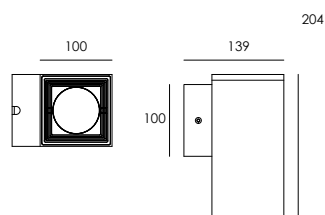
## Surface Mounting Wall Light IP65



<b>ITEM</b>	R7VE0126
<b>LIGHT SOURCE</b>	1×6W COB NICHIA
<b>REFLECTOR</b>	R7
<b>SELECTED DEGREE(°)θ1/2</b>	24°
<b>INPUT VOLTAGE(V)</b>	DC 24 240
<b>OPERATING CURRENT(MA)</b>	DC 24=330 240=36
<b>CONSUMPTION(W)</b>	DC 24=7.9 240=6.9
<b>LUMINANCE(LM)</b>	240=510
<b>IK</b>	04



<b>ITEM</b>	R7WE0170
<b>LIGHT SOURCE</b>	1×18W COB NICHIA
<b>REFLECTOR</b>	R17
<b>SELECTED DEGREE(°)θ1/2</b>	18°
<b>INPUT VOLTAGE(V)</b>	DC 24 120 240
<b>OPERATING CURRENT(MA)</b>	DC 24=800 120=178 240=90
<b>CONSUMPTION(W)</b>	DC 24=19.2 120=20 240=20
<b>LUMINANCE(LM)</b>	240=1840
<b>IK</b>	05



<b>HOUSING</b>	12# Die-casting aluminum finishing or powder painting T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
<b>LIGHT WINDOW</b>	Tempered Glass 3mm
<b>GASKET</b>	Tooling shaped seal
<b>LED DRIVER</b>	Constant voltage input, constant current output
<b>LED</b>	NICHIA
<b>OPERATING TEMPERATURE</b>	-20°C-40°C
<b>POWER CABLE</b>	Outside of luminaire 12V/24V: H05RN-F 2×1.0mm², L=0.3m 120V/240V: H05RN-F 3×1.0mm², L=0.3m

### REGULAR PAINTING COLOR

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

### OPTICS

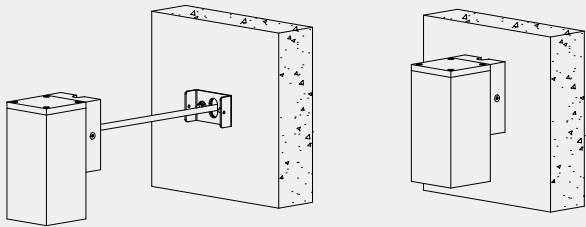
		Referenced Degree(°)θ1/2		
	R7	18°	24°	32°
	R17	12°	18°	32°



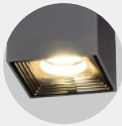
# Wall Washer

## Surface Mounting Wall Light IP65

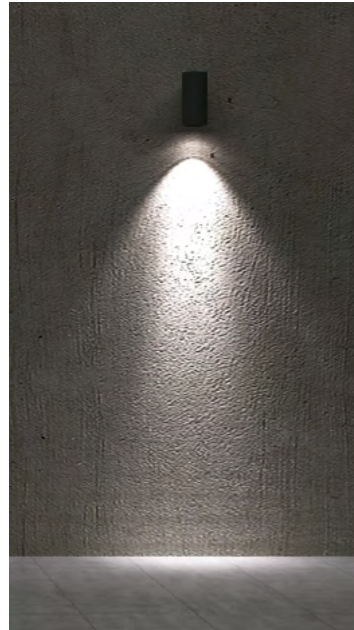
### • DIAGRAM OF INSTRUCTION



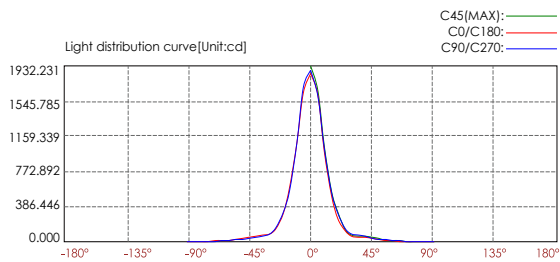
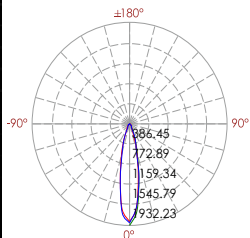
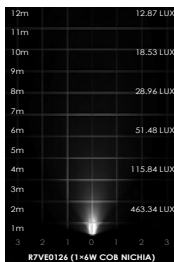
### FEATURES



- Screwless cover



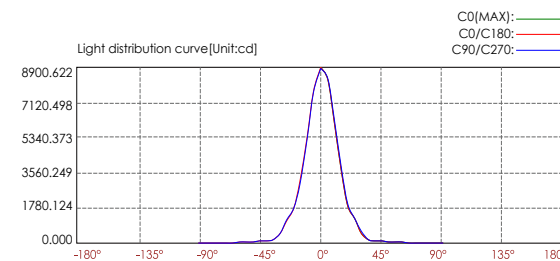
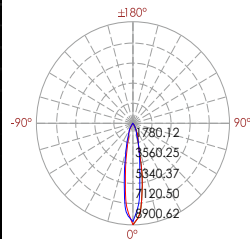
### PHOTOMETRIC



#### Lux distance curve

	Illuminance at a distance		Beam width	
	Center beam LUX	H	H	V
2m	463.34 LUX	0.8m	0.8m	
4m	115.84 LUX	1.6m	1.6m	
6m	51.48 LUX	2.3m	2.4m	
8m	28.96 LUX	3.1m	3.2m	
10m	18.53 LUX	3.9m	4.0m	
12m	12.87 LUX	4.7m	4.8m	

Vert.Spread:22.4 Horiz.Spread:22.1



#### Lux distance curve

	Illuminance at a distance		Beam width	
	Center beam LUX	H	H	V
2m	2225.16 LUX	0.7m	0.7m	
4m	556.29 LUX	1.4m	1.4m	
6m	247.24 LUX	2.1m	2.1m	
8m	139.07 LUX	2.9m	2.8m	
10m	89.01 LUX	3.6m	3.5m	
12m	61.81 LUX	4.3m	4.2m	

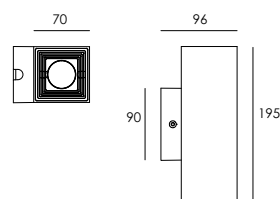
Vert.Spread:19.7 Horiz.Spread:20.3

# Wall Washer

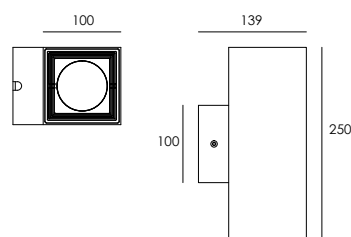
## Surface Mounting Wall Light IP65



<b>ITEM</b>	R7VF0225
<b>LIGHT SOURCE</b>	2×5W
<b>REFLECTOR</b>	R7
<b>SELECTED DEGREE(°)θ1/2</b>	24°
<b>INPUT VOLTAGE(V)</b>	DC 24 120 240
<b>OPERATING CURRENT(MA)</b>	DC 24=700 240=68
<b>CONSUMPTION(W)</b>	DC 24=16.8 240=15
<b>LUMINANCE(LM)</b>	240=480×2
<b>IK</b>	04



<b>ITEM</b>	R7WF0229
<b>LIGHT SOURCE</b>	2×12W
<b>REFLECTOR</b>	R17
<b>SELECTED DEGREE(°)θ1/2</b>	18°
<b>INPUT VOLTAGE(V)</b>	DC 24 120 240
<b>OPERATING CURRENT(MA)</b>	DC 24=1080 120=211 240=116
<b>CONSUMPTION(W)</b>	DC 24=26 120=26.5 240=26
<b>LUMINANCE(LM)</b>	240=1204×2
<b>IK</b>	05



<b>HOUSING</b>	12# Die-casting aluminum finishing or powder painting T=60-80μm. Adhesion of ISO class 1/ASTM class 4B
<b>LIGHT WINDOW</b>	Tempered Glass 3mm
<b>GASKET</b>	Tooling shaped seal
<b>LED DRIVER</b>	Constant voltage input, constant current output
<b>LED</b>	NICHIA
<b>OPERATING TEMPERATURE</b>	-20°C-40°C
<b>POWER CABLE</b>	Outside of luminaire 12V/24V: H05RN-F 2×1.0mm², L=0.3m 120V/240V: H05RN-F 3×1.0mm², L=0.3m

### REGULAR PAINTING COLOR

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

### OPTICS

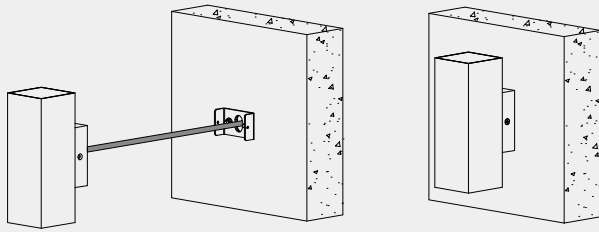
		Referenced Degree(°)θ1/2		
	R7	18°	24°	32°
	R17	12°	18°	32°



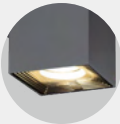
# Wall Washer

## Surface Mounting Wall Light IP65

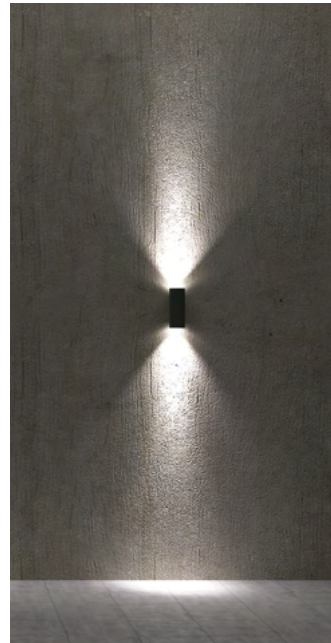
### • DIAGRAM OF INSTRUCTION



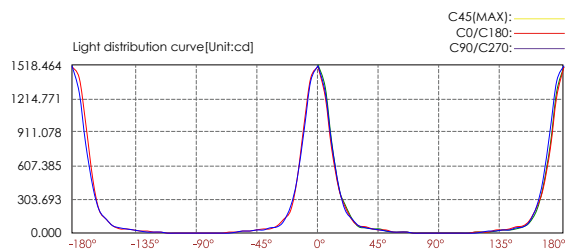
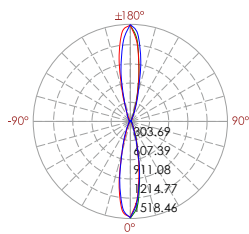
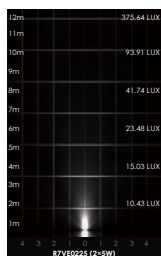
### FEATURES



- Screwless cover



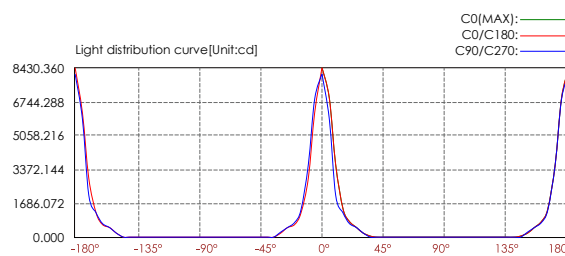
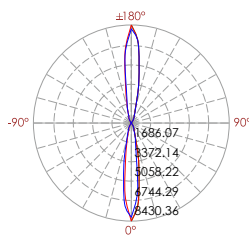
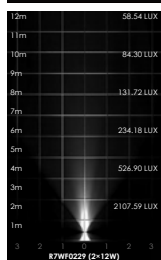
### PHOTOMETRIC



Lux distance curve

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



Lux distance curve

Illuminance at a distance			
Center beam LUX	Beam width		
	V	H	
2m	2107.59 LUX	0.6m	0.6m
4m	526.90 LUX	1.2m	1.2m
6m	234.18 LUX	1.9m	1.8m
8m	131.72 LUX	2.5m	2.3m
10m	84.30 LUX	3.1m	2.9m
12m	58.54 LUX	3.7m	3.5m

Ver.Spread:16.7 Horiz.Spread:17.6

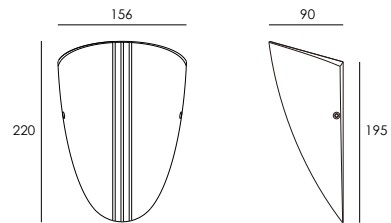


# Wall Washer

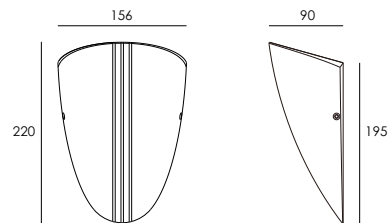
## Surface Mounting Wall Light IP65



<b>ITEM</b>	R7BC0129
<b>LIGHT SOURCE</b>	1×12W COB NICHIA
<b>REFLECTOR</b>	R3
<b>SELECTED DEGREE(°)Θ1/2</b>	25°
<b>INPUT VOLTAGE(V)</b>	DC 24 120 240
<b>OPERATING CURRENT(MA)</b>	DC 24=576 120=112 240=64
<b>CONSUMPTION(W)</b>	DC 24=13.8 120=14 240=14.1
<b>LUMINANCE(LM)</b>	CW=1508 WW=1432
<b>IK</b>	05



<b>ITEM</b>	B7BC0166
<b>LIGHT SOURCE</b>	1×6W SMD3535 NICHIA
<b>LENS</b>	B59
<b>SELECTED DEGREE(°)Θ1/2</b>	10°
<b>INPUT VOLTAGE(V)</b>	120 240
<b>OPERATING CURRENT(MA)</b>	120=108 240=61
<b>CONSUMPTION(W)</b>	120=7.8 240=8.3
<b>LUMINANCE(LM)</b>	CW=500 WW=444
<b>IK</b>	05



<b>HOUSING</b>	12# Die-casting aluminum finishing or powder painting T=60-80μm. Adhesion of ISO class 1/ASTM class 4B
<b>LIGHT WINDOW</b>	Tempered glass, T=3.5mm
<b>LED DRIVER</b>	Constant voltage input, constant current output
<b>LED</b>	NICHIA
<b>OPERATING TEMPERATURE</b>	-20°C-40°C
<b>POWER CABLE</b>	Outside of luminaire 12V/24V: H05RN-F 2×1.0mm <sup>2</sup> , L=0.3m 120V/240V: H05RN-F 3×1.0mm <sup>2</sup> , L=0.3m

### REGULAR PAINTING COLOR

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

### OPTICS

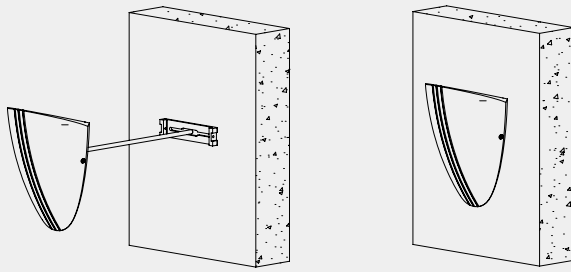
		Referenced Degree(°)Θ1/2		
R3		25°		
B59		10°	15°	22°



# Wall Washer

## Surface Mounting Wall Light IP65

• DIAGRAM OF INSTRUCTION



BEAM DEMO

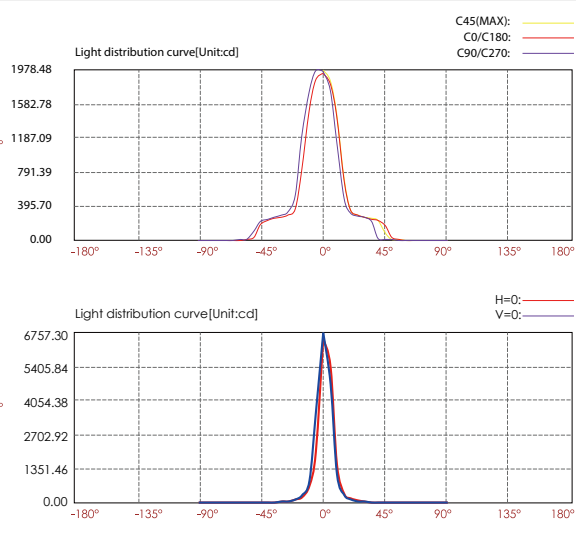
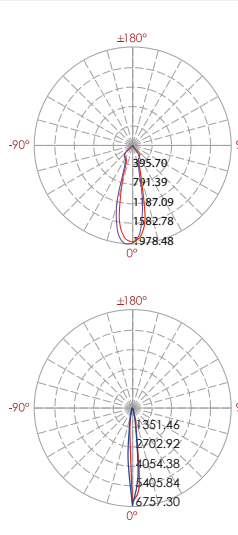
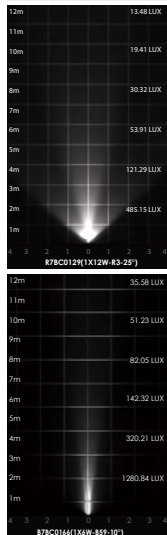


R7BC0129



B7BC0166

PHOTOMETRIC



Legend: C45(MAX): —, C0/C180: —, C90/C270: —

Legend: H=0: —, V=0: —

**Light distribution curve(Unit:cd)**

**Light distribution curve(Unit:cd)**

**Lux distance cure**

Center beam LUX	Beam width	
	V	H
2m 485.15 LUX	1.0m	1.0m
4m 121.29 LUX	2.0m	1.9m
6m 53.91 LUX	3.0m	2.9m
8m 30.22 LUX	4.0m	3.8m
10m 19.41 LUX	5.0m	4.8m
12m 13.48 LUX	6.0m	5.7m

Ver.Spread:28.0 Horiz.Spread:26.9

**Lux distance cure**

Center Beam LUX	Beam Width	
	V	H
2m 1622.50 LUX	0.4m	0.4m
4m 405.63 LUX	0.8m	0.9m
6m 180.28 LUX	1.2m	1.3m
8m 101.41 LUX	1.6m	1.7m
10m 64.90 LUX	1.9m	2.1m
12m 45.07 LUX	2.3m	2.6m

Verl.Spread:11.1 Horiz.Spread:12.2

# Surface Mounting Wall Light IP65



**ITEM**  
D7CY0934

---

**LIGHT SOURCE**  
9x0.5W NICHIA

---

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

---

**OPERATING CURRENT(MA)**  
DC 24=250 240=46

---

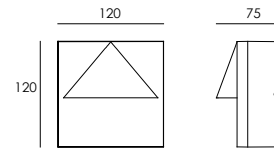
**CONSUMPTION(W)**  
DC 24=6 240=6.3

---

**LUMINANCE(LM)**  
199

---

**IK**  
07



**ITEM**  
D7CX0934

---

**LIGHT SOURCE**  
9x0.5W NICHIA

---

**INPUT VOLTAGE(V)**  
DC 24 240

---

**OPERATING CURRENT(MA)**  
DC 24=250 240=46

---

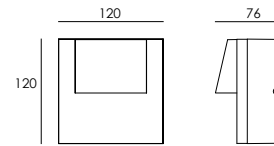
**CONSUMPTION(W)**  
DC 24=6 240=6.3

---

**LUMINANCE(LM)**  
142

---

**IK**  
07



**ITEM**  
D7CZ0934

---

**LIGHT SOURCE**  
9x0.5W NICHIA

---

**INPUT VOLTAGE(V)**  
DC 24 240

---

**OPERATING CURRENT(MA)**  
DC 24=250 240=46

---

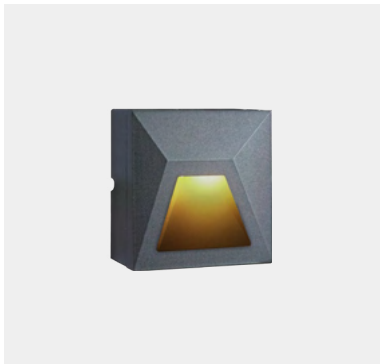
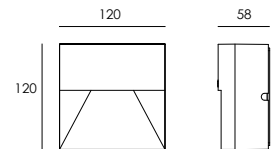
**CONSUMPTION(W)**  
DC 24=6 240=6.3

---

**LUMINANCE(LM)**  
158

---

**IK**  
06



**ITEM**  
D7CN1434

---

**LIGHT SOURCE**  
14x0.5W EDISON

---

**INPUT VOLTAGE(V)**  
DC 24 240

---

**OPERATING CURRENT(MA)**  
DC 24=291 240=32

---

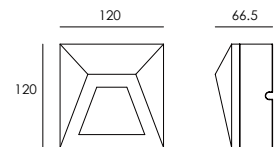
**CONSUMPTION(W)**  
DC 24=7 240=7.5

---

**LUMINANCE(LM)**  
DC 24=150 240=112

---

**IK**  
10



**ITEM**  
D7CW2832

---

**LIGHT SOURCE**  
28x0.08W EDISON

---

**INPUT VOLTAGE(V)**  
DC 24 240

---

**OPERATING CURRENT(MA)**  
DC 24=105 240=16

---

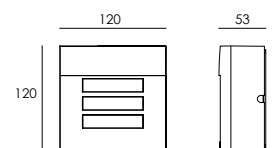
**CONSUMPTION(W)**  
DC 24=2.5 240=2.5

---

**LUMINANCE(LM)**  
84

---

**IK**  
05



# Surface Mounting Wall Light IP65

## HOUSING&FRONT COVER

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

## LIGHT WINDOW

D7CY0934 / D7CX0934 / D7CZ0934 / D7CN1434: Glass=2mm  
D7CW2832: UVstop & Fireproof PC=3mm

## MOUNTING SLEEVE

ADC12# 151#

## LED DRIVER

Constant voltage input, constant current output

## OPERATING TEMPERATURE

-20°C-40°C

## POWER CABLE

Outside of luminaire  
12V/24V: H05RN-F 2×1.0mm<sup>2</sup>, L=0.3m  
120V/240V: H05RN-F 3×1.0mm<sup>2</sup>, L=0.3m

## DIMMING SUPPORT

Triac PWM Available  
1-10V Dali Customized

## REGULAR PAINTING COLOR

Basic

Dark Grey  
KAP 7037

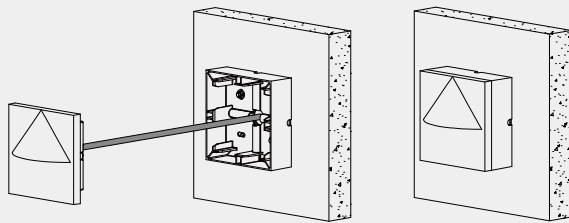
Secondary

Silver Grey  
KAP 9022

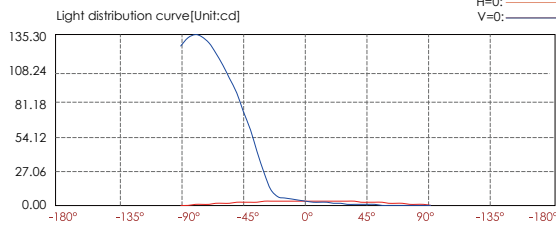
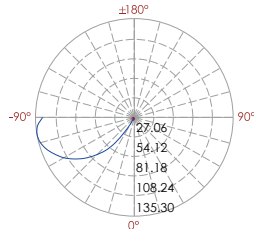
Sanded Black  
RAL 9005

## • DIAGRAM OF INSTRUCTION

D7CY0934



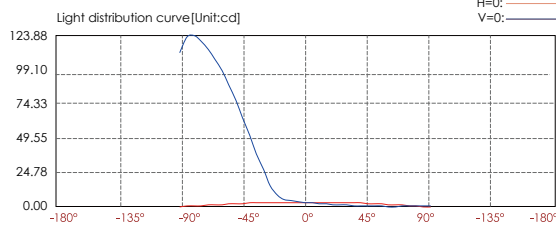
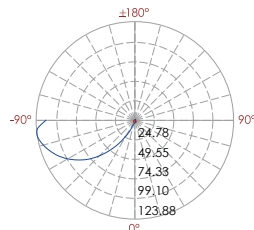
## PHOTOMETRIC



Light distance curve

Center beam LUX	Beam width V	H
0.86 LUX	4.9m	1.7m
0.21 LUX	9.9m	3.4m
0.10 LUX	14.8m	5.1m
0.05 LUX	19.7m	6.8m
0.03 LUX	24.6m	8.5m
0.02 LUX	29.6m	10.2m

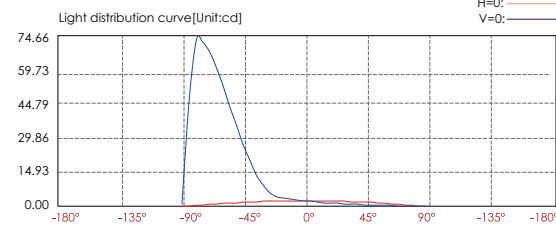
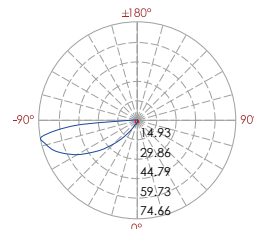
Ver.Spread:101.9 Horiz.Spread:46.0



Light distance curve

Center beam LUX	Beam width V	H
0.86 LUX	4.8m	1.6m
0.21 LUX	9.5m	3.3m
0.10 LUX	14.3m	4.9m
0.05 LUX	19.0m	6.6m
0.03 LUX	23.8m	8.2m
0.02 LUX	28.5m	9.9m

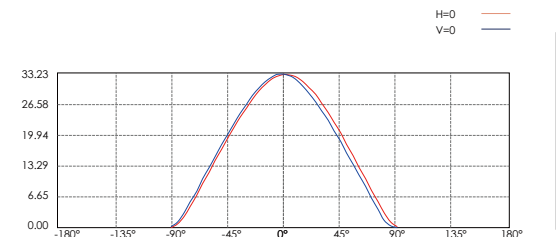
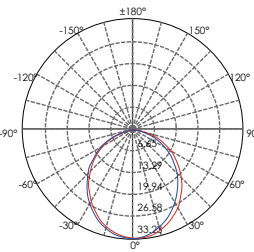
Ver.Spread:99.9 Horiz.Spread:44.7



Light distance curve

Center beam LUX	Beam width V	H
0.62 LUX	3.2m	1.3m
0.16 LUX	6.4m	2.6m
0.07 LUX	9.6m	3.8m
0.04 LUX	12.7m	5.1m
0.02 LUX	15.9m	6.4m
0.02 LUX	19.1m	7.7m

Ver.Spread:77.1 Horiz.Spread:35.5



Light distance Curve

Center Beam LUX	Beam Width V	H
7.11 LUX	5.1m	3.7m
1.78 LUX	10.3m	7.5m
0.79 LUX	15.4m	11.2m
0.44 LUX	20.6m	15.0m
0.28 LUX	25.7m	18.7m
0.20 LUX	30.9m	22.4m

Vert.Spread:104.4 Horiz.Spread:44.2

# Surface Mounting Wall Light IP65



**ITEM**  
D7LY1234

**LIGHT SOURCE**  
12×0.5W NICHIA

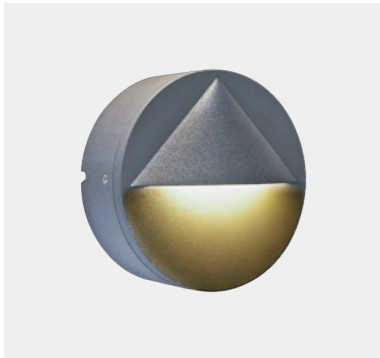
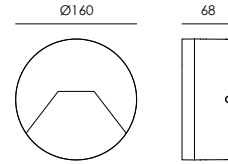
**INPUT VOLTAGE(V)**  
DC 24 120 240

**OPERATING CURRENT(MA)**  
DC 24=250 240=45

**CONSUMPTION(W)**  
DC 24=6 240=6

**LUMINANCE(LM)**  
134

**IK**  
09



**ITEM**  
D7LX1234

**LIGHT SOURCE**  
12×0.5W NICHIA

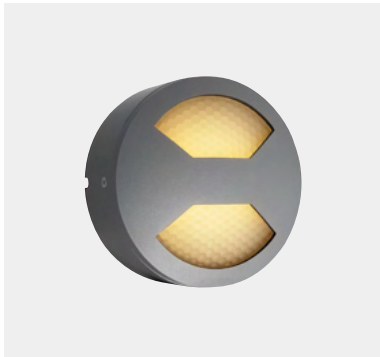
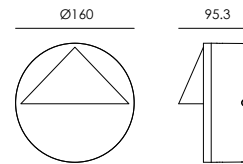
**INPUT VOLTAGE(V)**  
DC 24 120 240

**OPERATING CURRENT(MA)**  
DC 24=330 120=91 240=49

**CONSUMPTION(W)**  
DC 24=7.9 120=6.3 240=6.3

**LUMINANCE(LM)**  
266

**IK**  
08



**ITEM**  
D7KW3032

**LIGHT SOURCE**  
30×0.07W EDISON

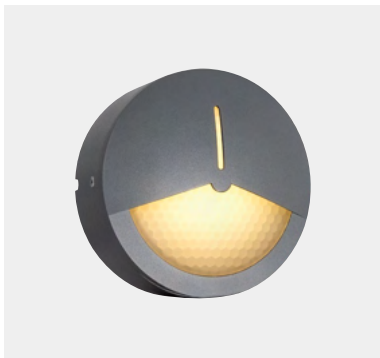
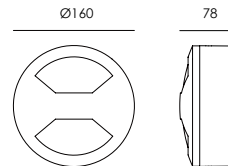
**INPUT VOLTAGE(V)**  
DC 24 240

**OPERATING CURRENT(MA)**  
DC 24=135 240=14

**CONSUMPTION(W)**  
DC 24=3.2 240=3.2

**LUMINANCE(LM)**  
101

**IK**  
09



**ITEM**  
D7KT3032

**LIGHT SOURCE**  
30×0.07W EDISON

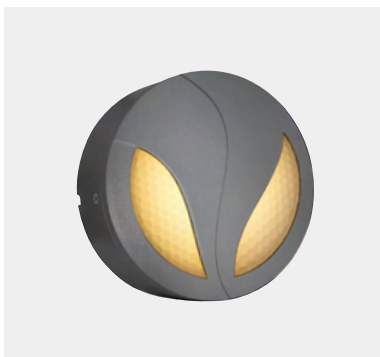
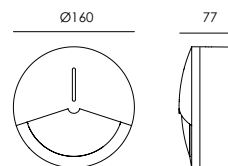
**INPUT VOLTAGE(V)**  
DC 24 240

**OPERATING CURRENT(MA)**  
DC 24=135 240=14

**CONSUMPTION(W)**  
DC 24=3.2 240=3.2

**LUMINANCE(LM)**  
87

**IK**  
09



**ITEM**  
D7KU3032

**LIGHT SOURCE**  
30×0.07W EDISON

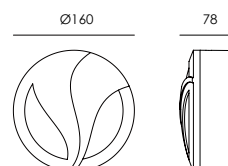
**INPUT VOLTAGE(V)**  
DC 24 240

**OPERATING CURRENT(MA)**  
DC 24=135 240=14

**CONSUMPTION(W)**  
DC 24=3.2 240=3.2

**LUMINANCE(LM)**  
65

**IK**  
09



# Surface Mounting Wall Light IP65

## HOUSING

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

## LIGHT WINDOW

D7LY1234: UVstop & Fireproof PC T=1mm  
D7LX1234: Glass=2mm  
D7KW3023 / D7KT3032 / D7KU3032:  
UVstop & Fireproof PC T=2.5mm

## GASKET

Tooling shaped seal

## MOUNTING SLEEVE

ADC12# 149#

## DRIVER

Constant voltage input, constant current output

## OPERATING TEMPERATURE

-20°C-40°C

## POWER CABLE

Outside of luminaire  
12V/24V: H05RN-F 2×1.0mm<sup>2</sup>, L=0.3m  
120V/240V: H05RN-F 3×1.0mm<sup>2</sup>, L=0.3m

## REGULAR PAINTING COLOR

Basic

Dark Grey  
KAP 7037

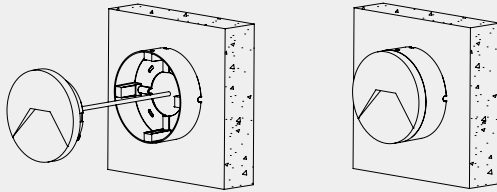
Secondary

Silver Grey  
KAP 9022

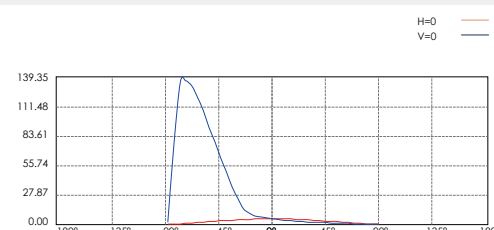
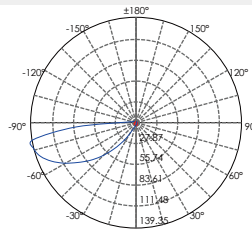
Sanded Black  
RAL 9005

## DIAGRAM OF INSTRUCTION

D7L1234



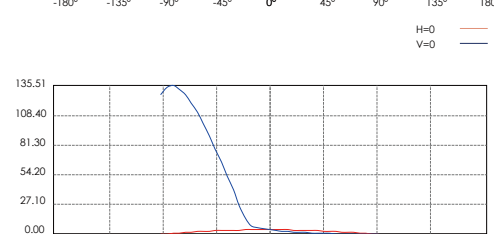
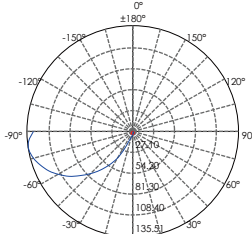
## PHOTOMETRIC



Lux distance Curve

Illuminance at a Distance		
Center Beam LUX	Beam Width V	H
2m 1.25 LUX	3.4m	1.4m
4m 0.31 LUX	6.9m	2.8m
6m 0.14 LUX	10.3m	4.2m
8m 0.08 LUX	13.8m	5.7m
10m 0.05 LUX	17.2m	7.1m
12m 0.03 LUX	20.6m	8.5m

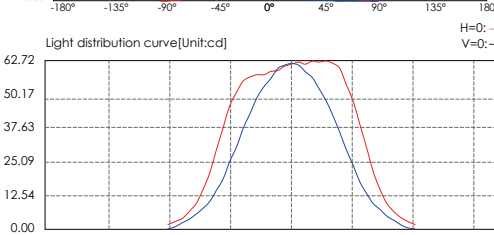
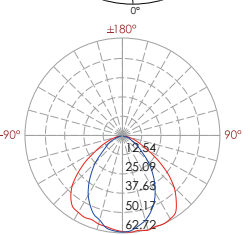
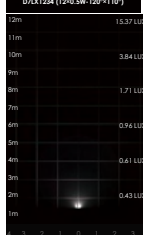
Vert.Spread:81.4 Horiz.Spread:38.9



Lux distance Curve

Illuminance at a Distance		
Center Beam LUX	Beam Width V	H
2m 1.01 LUX	5.2m	1.8m
4m 0.25 LUX	10.5m	3.5m
6m 0.11 LUX	15.7m	5.3m
8m 0.06 LUX	20.9m	7.1m
10m 0.04 LUX	26.2m	8.9m
12m 0.03 LUX	31.4m	10.6m

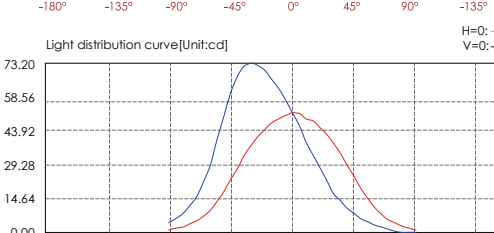
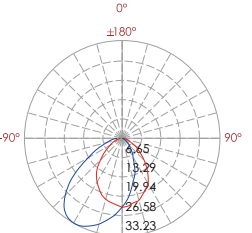
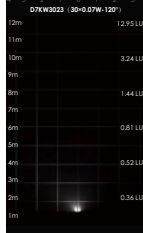
Vert.Spread:105.3 Horiz.Spread:47.8



Lux distance curve

Illuminance at a distance		
Center beam LUX	Beam width V	H
2m 15.37 LUX	5.5m	3.6m
4m 3.84 LUX	11.0m	7.2m
6m 1.71 LUX	16.5m	10.9m
8m 0.96 LUX	22.0m	14.5m
10m 0.61 LUX	27.5m	18.1m
12m 0.43 LUX	33.0m	21.7m

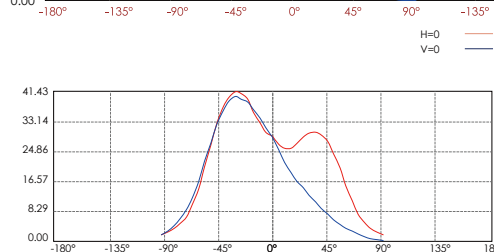
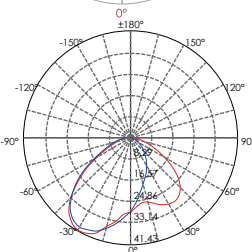
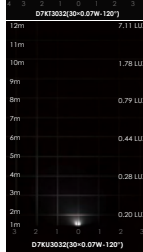
Vert.Spread:108.0 Horiz.Spread:84.4



Lux distance curve

Illuminance at a distance		
Center beam LUX	Beam width V	H
2m 12.95 LUX	3.2m	2.7m
4m 3.24 LUX	6.4m	5.4m
6m 1.44 LUX	9.6m	8.2m
8m 0.81 LUX	12.8m	10.9m
10m 0.52 LUX	16.0m	13.6m
12m 0.36 LUX	19.2m	16.3m

Vert.Spread:77.2 Horiz.Spread:68.5



Lux distance Curve

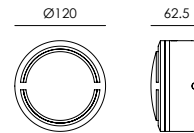
Illuminance at a Distance		
Center Beam LUX	Beam Width V	H
2m 7.11 LUX	5.1m	3.7m
4m 1.78 LUX	10.3m	7.5m
6m 0.79 LUX	15.4m	11.2m
8m 0.44 LUX	20.6m	15.0m
10m 0.28 LUX	25.7m	18.7m
12m 0.20 LUX	30.9m	22.4m

Vert.Spread:104.4 Horiz.Spread:86.2

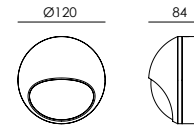
# Surface Mounting Wall Light IP65



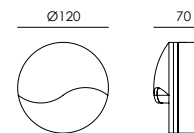
<b>ITEM</b>	D7AL2832
<b>LIGHT SOURCE</b>	28×0.1W EDISON
<b>INPUT VOLTAGE(V)</b>	DC 24 240
<b>OPERATING CURRENT(MA)</b>	DC 24=125 240=15
<b>CONSUMPTION(W)</b>	DC 24=3 240=3.5
<b>LUMINANCE(LM)</b>	18
<b>IK</b>	08



<b>ITEM</b>	D7AK1833
<b>LIGHT SOURCE</b>	18×0.15W NICHIA
<b>INPUT VOLTAGE(V)</b>	DC 24 120/240
<b>OPERATING CURRENT(MA)</b>	DC 24=105 120=52 240=27
<b>CONSUMPTION(W)</b>	DC 24=2.5 120=3.6 240=3.6
<b>LUMINANCE(LM)</b>	157
<b>IK</b>	08



<b>ITEM</b>	D7AJ0634
<b>LIGHT SOURCE</b>	6×0.5W NICHIA
<b>INPUT VOLTAGE(V)</b>	DC 24 120/240
<b>OPERATING CURRENT(MA)</b>	DC 24=100 120=48 240=27
<b>CONSUMPTION(W)</b>	DC 24=2.4 120=3.3 240=3.4
<b>LUMINANCE(LM)</b>	48
<b>IK</b>	07



<b>HOUSING</b>	12# Die-casting dark grey powder coated aluminum T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
<b>LIGHT WINDOW</b>	UVstop & Fireproof PC T=2.5mm
<b>GASKET</b>	Tooling shaped seal
<b>DRIVER</b>	Constant Voltage Input, Constant Current Output
<b>OPERATING TEMPERATURE</b>	-20°C-40°C
<b>POWER CABLE</b>	Outside of luminaire 12V/24V: H05RN-F 2×1.0mm², L=0.3m 120V/240V: H05RN-F 3×1.0mm², L=0.3m

## REGULAR PAINTING COLOR

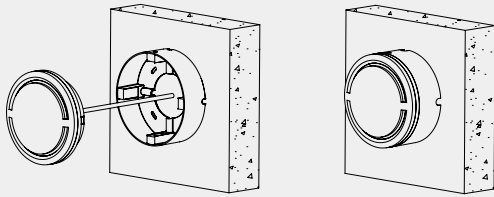
Basic		Secondary	
	Dark Grey KAP 7037		Silver Grey KAP 9022
			Sanded Black RAL 9005



# Surface Mounting Wall Light IP65

## DIAGRAM OF INSTRUCTION

D7AL2832



## BEAM DEMO



D7AL2832

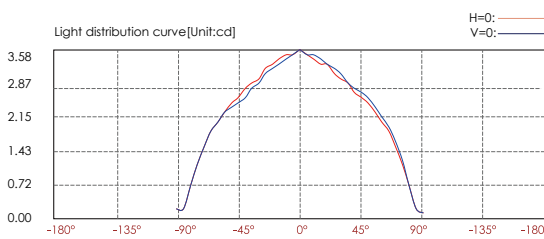
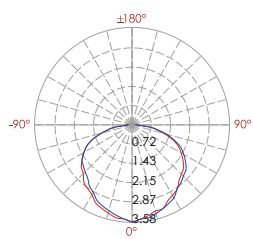


D7AK1833



D7AJ0634

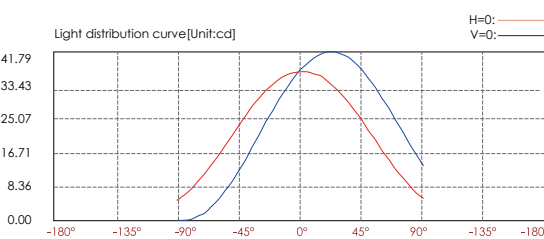
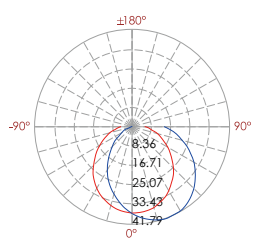
## PHOTOMETRIC



Lux distance curve

Distance (m)	Center beam LUX	Beam width V (m)	Beam width H (m)
2	0.90 LUX	8.9m	9.3m
4	0.22 LUX	17.8m	18.5m
6	0.10 LUX	26.7m	27.8m
8	0.06 LUX	35.6m	37.0m
10	0.04 LUX	44.5m	46.3m
12	0.02 LUX	53.4m	55.5m

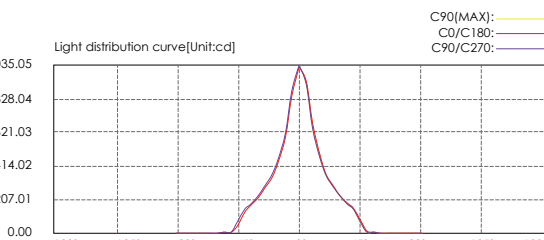
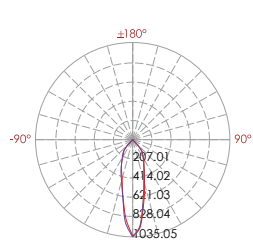
Ver.Spread:131.7 Horiz.Spread:133.3



Lux distance curve

Distance (m)	Center beam LUX	Beam width V (m)	Beam width H (m)
2	9.24 LUX	5.8m	5.5m
4	2.31 LUX	11.5m	10.9m
6	1.03 LUX	17.3m	16.4m
8	0.58 LUX	23.1m	21.8m
10	0.37 LUX	28.8m	27.3m
12	0.26 LUX	34.6m	32.7m

Ver.Spread:110.5 Horiz.Spread:107.6



Lux distance curve

Distance (m)	Center beam LUX	Beam width V (m)	Beam width H (m)
2	256.04 LUX	0.9m	0.9m
4	64.01 LUX	1.9m	1.9m
6	28.45 LUX	2.8m	2.8m
8	16.00 LUX	3.8m	3.8m
10	10.24 LUX	4.7m	4.7m
12	7.11 LUX	5.7m	5.6m

Ver.Spread:26.5 Horiz.Spread:26.4



# Spotlight surface Mounting Wall Light IP65



**ITEM**  
B7TMD0158

---

**LIGHT SOURCE**  
1×3W NICHIA

---

**LENS**  
B33

---

**SELECTED DEGREE(°)θ1/2**  
20°

---

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

---

**OPERATING CURRENT(MA)**  
DC 24=170 120=45 240=26

---

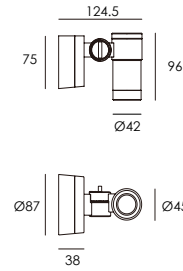
**CONSUMPTION(W)**  
DC 24=4.1 120=5.3 240=5.4

---

**LUMINANCE(LM)**  
CW=305 WW=274

---

**IK**  
06



**ITEM**  
B7TND0126

---

**LIGHT SOURCE**  
1×6W NICHIA

---

**LENS**  
B51

---

**SELECTED DEGREE(°)θ1/2**  
28°

---

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

---

**OPERATING CURRENT(MA)**  
DC 24=325 120=56 240=32

---

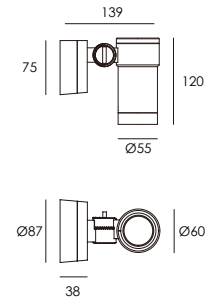
**CONSUMPTION(W)**  
DC 24=7.8 120=6.7 240=6.8

---

**LUMINANCE(LM)**  
CW=740 WW=667

---

**IK**  
06



**ITEM**  
B7TOD0128

---

**LIGHT SOURCE**  
1×10W NICHIA

---

**LENS**  
B52

---

**SELECTED DEGREE(°)θ1/2**  
24°

---

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

---

**OPERATING CURRENT(MA)**  
DC 24=480 120=107 240=55

---

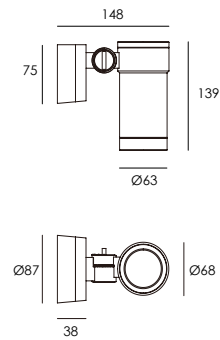
**CONSUMPTION(W)**  
DC 24=11.5 120=12.6 240=12.3

---

**LUMINANCE(LM)**  
CW=1200 WW=1315

---

**IK**  
06



**ITEM**  
B7TPD0171

---

**LIGHT SOURCE**  
1×20W NICHIA

---

**LENS**  
B66

---

**SELECTED DEGREE(°)θ1/2**  
25°

---

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

---

**OPERATING CURRENT(MA)**  
DC 24=958 120=180 240=93

---

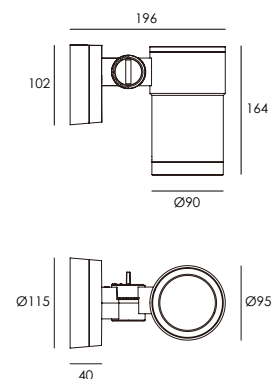
**CONSUMPTION(W)**  
DC 24=23 120=25 240=25.8

---

**LUMINANCE(LM)**  
CW=2200 WW=2071

---

**IK**  
06



# Surface Mounting Wall Light IP65





<b>HOUSING</b>	12# Die-casting aluminum finishing or powder painting T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
<b>LIGHT WINDOW</b>	Tempered Glass,T=4mm
<b>GASKET</b>	Tooling shaped seal
<b>LENS/REFLECTOR</b>	OPTICS lens,efficiency≥85%
<b>LED</b>	Nichia
<b>LED DRIVER</b>	Constant Voltage Input,Constant Current Output
<b>OPERATING TEMPERATURE</b>	-20 C -40 C
<b>POWER CABLE</b>	Outside of luminaire 12V/24V: H05RN-F 2×1.0mm², L=0.3m 120V/240V: H05RN-F 3×1.0mm², L=0.3m
<b>DIMMING SUPPORT</b>	Triac. PWM Available 1-10V Dali Customized

## REGULAR PAINTING COLOR

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






## OPTICS

Referenced Degree(°)91/2










OPTICS	Referenced Degree(°)91/2
 B33	9° 15° 20° 45° 60°
 B51	20° 28° 36° 60°
 B52	20° 36°
 B66	15° 25° 38°

## ACCESSORIES(Optional)










### TREE POLE STRAP

				I'D	Fitted Item	
RD003	RD002			RD003	B7TMD0158 B7TND0126 B7TOD0128	
				RD002	B7TPD0171	

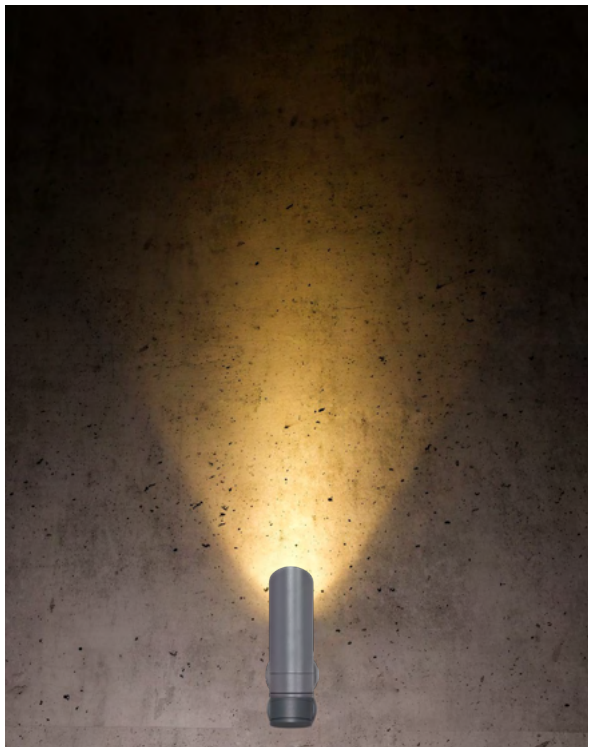
### HONEYCOMB LOUVER

				I'D	Fitted Item	
Mh024	Mh025	Mh026	Mh027	Mh024	B7TMD0158	
				Mh025	B7TND0126	
				Mh026	B7TOD0128	
				Mh027	B7TPD0171	
						
Ø42	Ø55	Ø63	Ø90			

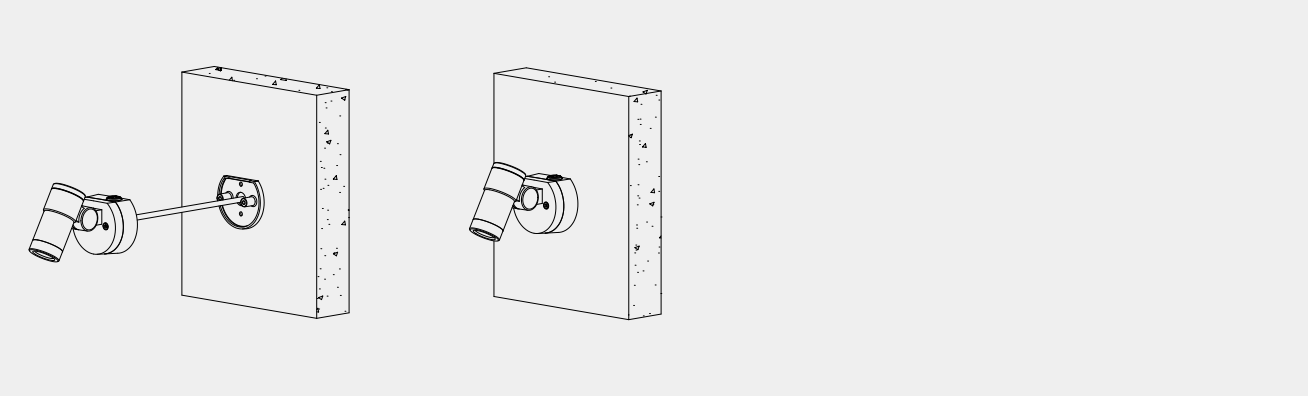
### BEVEL CUT HOOD

				I'D	Fitted Item	
CA3009	CA3010	CA3011	CA3012	CA3009	B7TPD0158	
				CA3010	B7ND0126	
				CA3011	B7TOD0128	
				CA3012	B7TPD0171	
						
108 74.3	139 98.3	164 117.4	190 135.2			

## BEAM DEMO

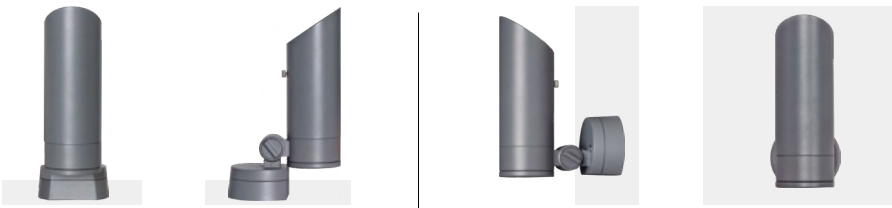


## • DIAGRAM OF INSTRUCTION



# Surface Mounting Wall Light IP65

## OVERVIEW

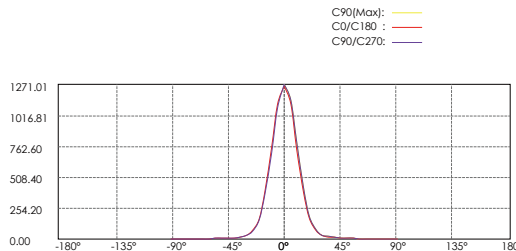
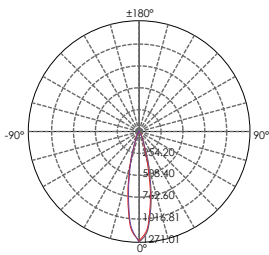
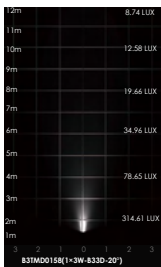


## FAMILY ITEM APPLICATIONS

Spotlight



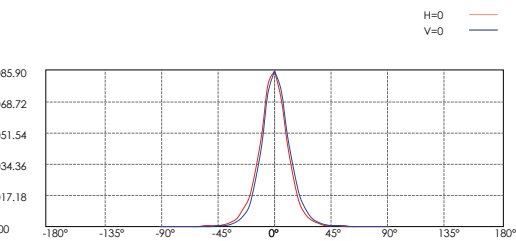
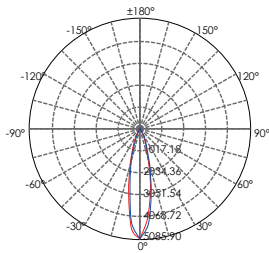
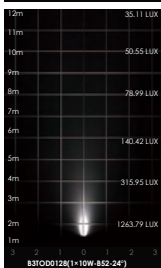
## PHOTOMETRIC



Lux distance Curve

Distance (m)	Center Beam LUX	Beam Width	
		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	19.46 LUX	3.3m	3.3m
10m	12.58 LUX	4.1m	4.1m
12m	8.74 LUX	4.9m	4.9m

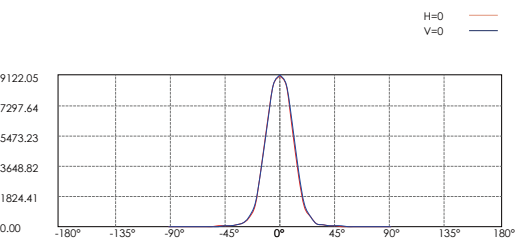
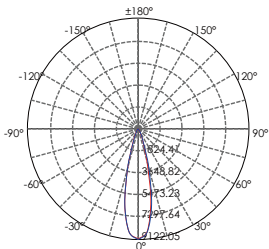
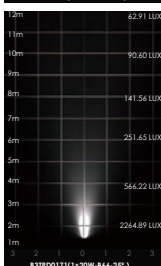
Vert.Spread:23.3    Horiz.Spread:23.2



Lux distance Curve

Distance (m)	Center Beam LUX	Beam Width	
		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

Distance (m)	Center Beam LUX	Beam Width	
		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

# Flood Light

## Surface Mounting Wall Light IP65



**ITEM**  
R7DJM0169T

**LIGHT SOURCE**  
1×16W COB

**REFLECTOR**  
R17

**SELECTED DEGREE(°)θ1/2**  
32°

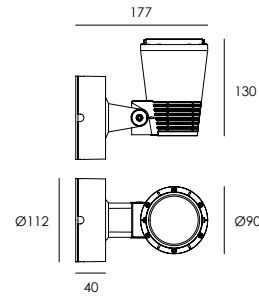
**INPUT VOLTAGE(V)**  
DC 24 120 240

**OPERATING CURRENT(MA)**  
DC 24=700 120=145 240=89

**CONSUMPTION(W)**  
DC 24=17 120=18.4 240=18.5

**LUMINANCE(LM)**  
CW=1900 WW=1763

**IK**  
06



**ITEM**  
R7CJM0171T

**LIGHT SOURCE**  
1×20W COB

**REFLECTOR**  
R19

**SELECTED DEGREE(°)θ1/2**  
22°

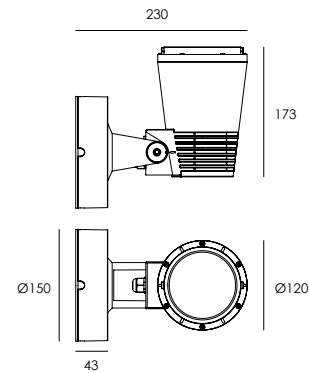
**INPUT VOLTAGE(V)**  
DC 24 120 240

**OPERATING CURRENT(MA)**  
DC 24=960 120=205 240=108

**CONSUMPTION(W)**  
DC 24=23 120=23.5 240=24.2

**LUMINANCE(LM)**  
CW=2596 WW=2409

**IK**  
06



**ITEM**  
R7BJM0176T

**LIGHT SOURCE**  
1×40W COB

**REFLECTOR**  
R16

**SELECTED DEGREE(°)θ1/2**  
25°

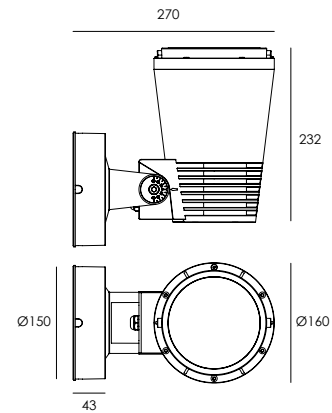
**INPUT VOLTAGE(V)**  
DC 24 120 240

**OPERATING CURRENT(MA)**  
DC 24=1881 120=372 240=187

**CONSUMPTION(W)**  
DC 24=45 120=44.8 240=44.5

**LUMINANCE(LM)**  
CW=4770 WW=4455

**IK**  
06






<b>HOUSING</b>	12# Die-casting aluminum finishing or powder painting T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
<b>LIGHT WINDOW</b>	Tempered Glass,T=3mm
<b>CABLE GLAND</b>	IP68 PG-9 PA66
<b>GASKET</b>	Tooling shaped seal
<b>LED</b>	NICHIA
<b>LED DRIVER</b>	Constant Voltage Input,Constant Current Output
<b>POWER CABLE</b>	Outside of luminaire 12V/24V: H05RN-F 2×1.0mm², L=0.3m 120V/240V: H05RN-F 3×1.0mm², L=0.3m
<b>DIMMING SUPPORT</b>	Triac PWM Available 1-10V Dali Customized

### REGULAR PAINTING COLOR

<b>Basic</b>	<b>Secondary</b>
 Dark Grey KAP 7037	 Silver Grey KAP 9022
	 Sanded Black RAL 9005

### OPTICS

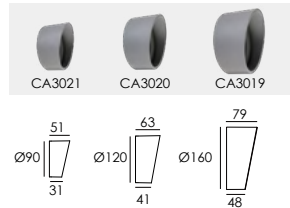
Referenced Degree(°)θ1/2

Reflector	Referenced Degree(°)θ1/2
 R17	12° 18° 32°
 R19	10° 22° 38°
 R16	12° 25° 38°

# Flood Light Surface Mounting Wall Light IP65

## ACCESSORIES (Optional)

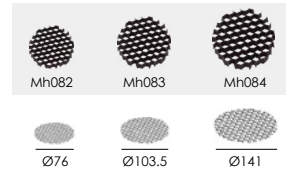
### BEVEL CUT HOOD



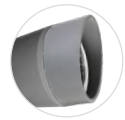
ID	Fitted Item
CA3021	R7DJU0169
CA3020	R7CJU0171
CA3019	R7BJU0176



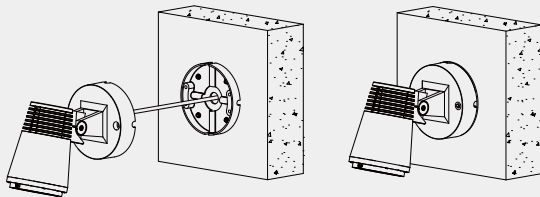
### HONEYCOMB LOUVER



ID	Fitted Item
Mh082	R7DJU0169
Mh083	R7CJU0171
Mh084	R7BJU0176



## DIAGRAM OF INSTRUCTION



## OVERVIEW

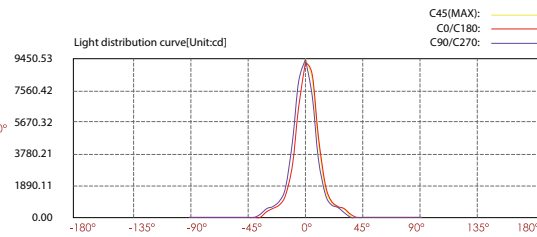
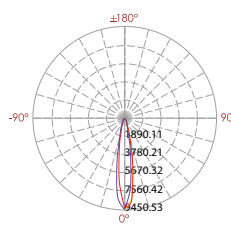
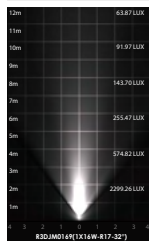


### FAMILY ITEM APPLICATION Spotlight



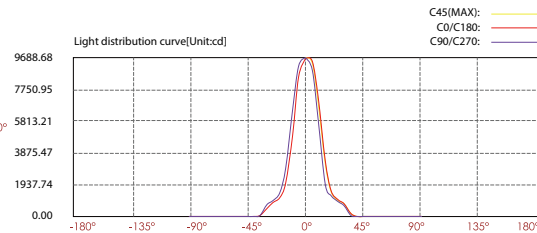
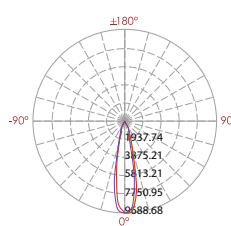
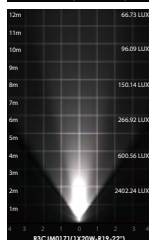
• See page 104

## PHOTOMETRIC



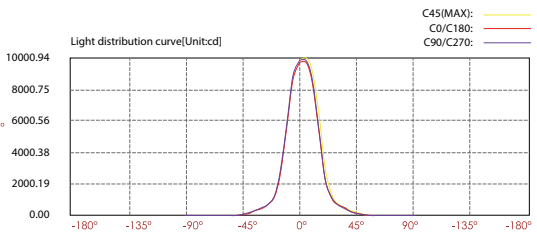
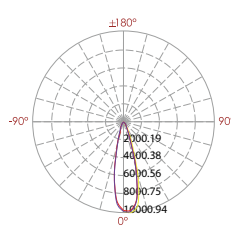
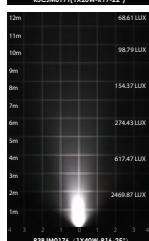
Center beam LUX	Beam width	
	V	H
2m 2299.26 LUX	0.6m	0.6m
4m 571.82 LUX	1.3m	1.3m
6m 255.47 LUX	1.9m	1.9m
8m 143.70 LUX	2.6m	2.5m
10m 91.97 LUX	3.2m	3.2m
12m 63.87 LUX	3.8m	3.8m

Ver.Spread:18.2 Horiz.Spread:18.0



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



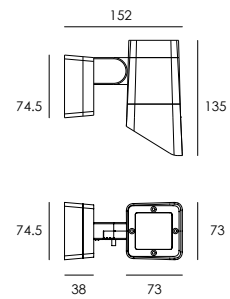
Center beam LUX	Beam width	
	V	H
2m 2469.87 LUX	0.9m	0.9m
4m 617.47 LUX	1.9m	1.9m
6m 274.43 LUX	2.8m	2.8m
8m 154.37 LUX	3.8m	3.7m
10m 98.79 LUX	4.7m	4.6m
12m 68.61 LUX	5.7m	5.6m

Ver.Spread:26.6 Horiz.Spread:26.1

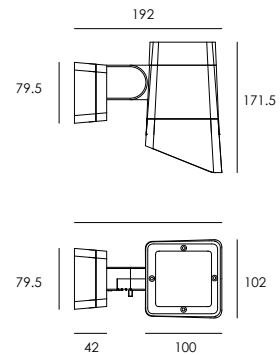
# Spotlight Surface Mounting Wall Light IP65



<b>ITEM</b>	B7DVM0127
<b>LIGHT SOURCE</b>	1×8W
<b>LENS</b>	B71
<b>SELECTED DEGREE(°)θ1/2</b>	24°
<b>INPUT VOLTAGE(V)</b>	DC 24 240
<b>OPERATING CURRENT(MA)</b>	DC 24=411 240=45
<b>CONSUMPTION(W)</b>	DC 24=9.8 240=10
<b>LUMINANCE(LM)</b>	792
<b>IK</b>	04



<b>ITEM</b>	B7DWM0460
<b>LIGHT SOURCE</b>	4×4W
<b>LENS</b>	FB11B4
<b>SELECTED DEGREE(°)θ1/2</b>	20°
<b>INPUT VOLTAGE(V)</b>	DC 24 120 240
<b>OPERATING CURRENT(MA)</b>	DC 24=795 120=142 240=78
<b>CONSUMPTION(W)</b>	DC 24=19 120=17 240=17.4
<b>LUMINANCE(LM)</b>	1227
<b>IK</b>	05



<b>HOUSING</b>	12# Die-casting aluminum finishing or powder painting T=60-80μm. Adhesion of ISO class 1/ASTM class 4B
<b>LIGHT WINDOW</b>	Tempered Glass.T=3mm
<b>CABLE GLAND</b>	IP68 PG-9 PA66
<b>GASKET</b>	Tooling shaped seal
<b>LED</b>	NICHIA
<b>LED DRIVER</b>	Constant Voltage Input,Constant Current Output
<b>POWER CABLE</b>	Outside of luminaire 12V/24V: H05RN-F 2×1.0mm², L=0.3m 120V/240V: H05RN-F 3×1.0mm², L=0.3m
<b>DIMMING SUPPORT</b>	Triac PWM Available 1-10V Dali Customized

## REGULAR PAINTING COLOR

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

## OPTICS

		Referenced Degree(°)θ1/2				
B71	15°	24°	33°	45°	60°	
FB11B4	9°	15°	20°	30°	45°	60°

# Spotlight Surface Mounting Wall Light IP65

## ACCESSORIES(Optional)

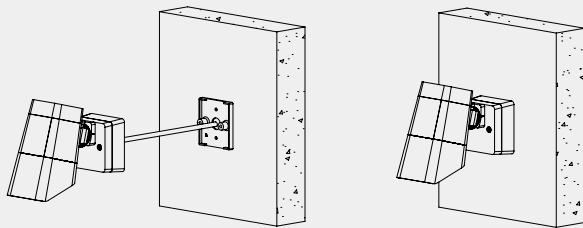
### TREE POLE STRAP



ID	Fitted Item
RD003	B7DVM0127 B7DWM0460



## • DIAGRAM OF INSTRUCTION



## OVERVIEW



### FAMILY ITEM APPLICATION Spotlight



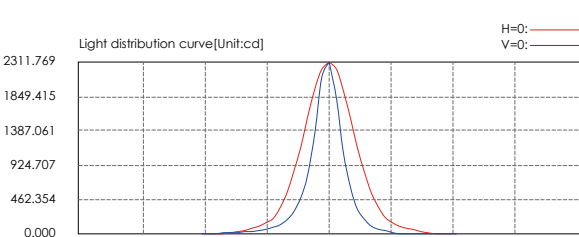
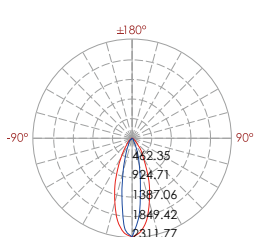
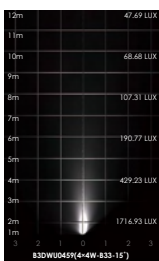
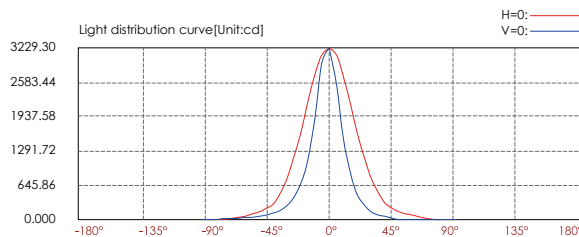
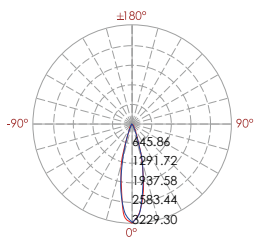
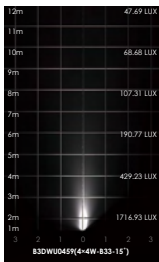
B3DVB0127



B3DWB0460

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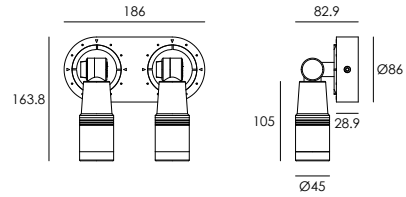
## PHOTOMETRIC



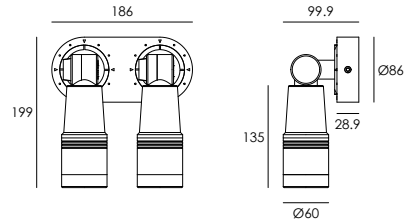
# Spotlight Surface Mounting Wall Light IP65



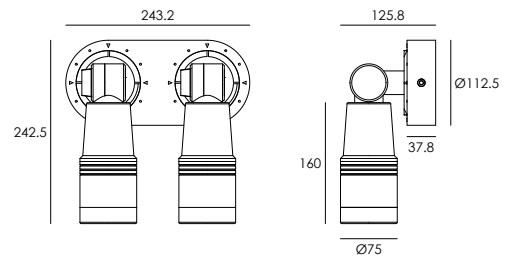
<b>ITEM</b>	B7ACE0258
<b>LIGHT SOURCE</b>	2×3W
<b>LENS</b>	B73
<b>LENS DEGREE(°)θ1/2</b>	30°
<b>INPUT VOLTAGE(V)</b>	DC 24 120 240
<b>OPERATING CURRENT(MA)</b>	DC 24=324 120=90 240=520
<b>CONSUMPTION(W)</b>	DC 24=7.8 120=10.6 240=10.8
<b>LUMINANCE(LM)</b>	24V=288×2 240V=258×2
<b>IK</b>	04



<b>ITEM</b>	B7ADE0227
<b>LIGHT SOURCE</b>	2×8W
<b>LENS</b>	B71
<b>LENS DEGREE(°)θ1/2</b>	33°
<b>INPUT VOLTAGE(V)</b>	DC 24 120 240
<b>OPERATING CURRENT(MA)</b>	DC 24=874 120=184 240=98
<b>CONSUMPTION(W)</b>	DC 24=20.8 120=22 240=21
<b>LUMINANCE(LM)</b>	DC 24=1051×2 240=968×2
<b>IK</b>	03



<b>ITEM</b>	B7AEE0269
<b>LIGHT SOURCE</b>	2×14W
<b>LENS</b>	B67
<b>LENS DEGREE(°)θ1/2</b>	38°
<b>INPUT VOLTAGE(V)</b>	DC 24 240
<b>OPERATING CURRENT(MA)</b>	DC 24=1278 240=140
<b>CONSUMPTION(W)</b>	DC 24=30.6 240=33.2
<b>LUMINANCE(LM)</b>	DC 24=1705×2 240=1689×2
<b>IK</b>	05



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

<b>LENS</b>	OPTICS lens, efficiency≥ 85%
<b>LED</b>	NICHIA
<b>LIGHT WINDOW</b>	Tempered glass. T=3mm
<b>CABLE GLAND</b>	Nickel coated copper
<b>GASKET</b>	Tooling shaped seal
<b>PCB</b>	Excellent heat conductivity aluminum, coefficient of heat Conductivity≥ 2.0w/mk
<b>LED DRIVER</b>	Constant voltage input, constant current output
<b>OPERATING TEMPERATURE</b>	-20°C~40°C
<b>POWER CABLE</b>	Outside of luminaire 12V/24V: H05RN-F 2×1.0mm², L=0.78m 120V/240V: H05RN-F 3×0.75mm², L=0.78m

**DIMMING SUPPORT** Triac PWM Available  
1-10V Dali Customized

## REGULAR PAINTING COLOR

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

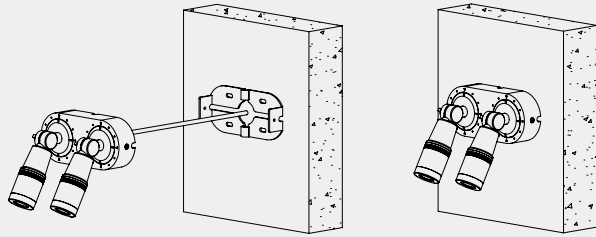
## OPTICS

		Referenced Degree(°)θ1/2				
B33		9°	15°	20°	45°	60°
B71		15°	24°	33°	45°	60°
B67		15°	20°	25°	38°	50°
B73		30°				

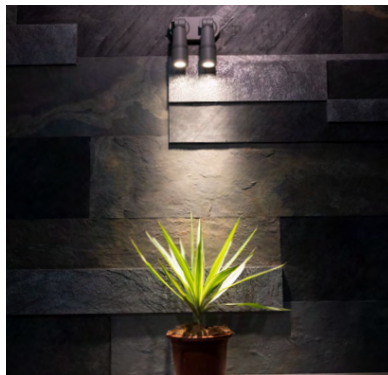


# Spotlight Surface Mounting Wall Light IP65

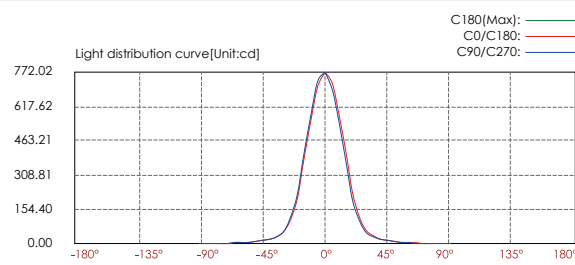
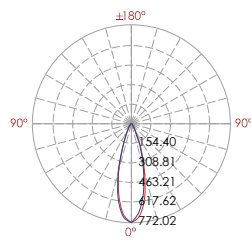
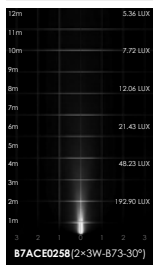
## • DIAGRAM OF INSTRUCTION



## APPLICATIONS DEMO



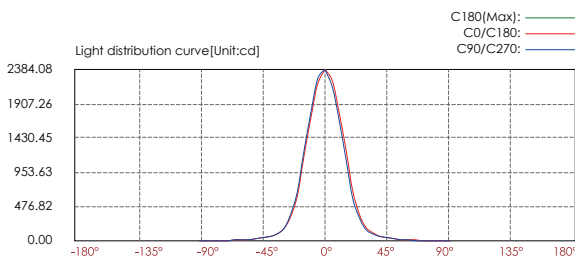
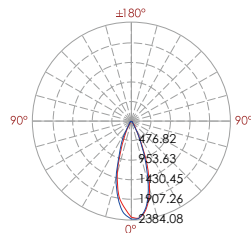
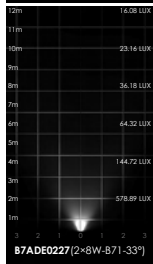
## PHOTOMETRIC



Lux distance cure

	Illuminance at a distance		Beam width	
	Center beam LUX	Beam width V	H	H
2m	192.90 LUX	1.1m	1.1m	
4m	48.23 LUX	2.2m	2.1m	
6m	21.43 LUX	3.2m	3.2m	
8m	12.06 LUX	4.3m	4.2m	
10m	7.72 LUX	5.4m	5.3m	
12m	5.36 LUX	6.5m	6.3m	

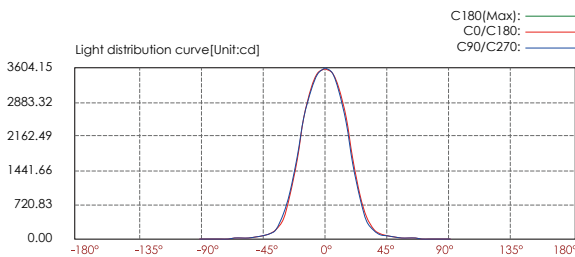
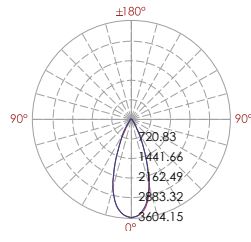
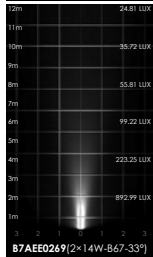
Vert.Spread: 30.2 Horiz.Spread: 29.6



Lux distance cure

	Illuminance at a distance		Beam width	
	Center beam LUX	Beam width V	H	H
2m	578.89 LUX	1.3m	1.3m	
4m	144.72 LUX	2.5m	2.5m	
6m	64.32 LUX	3.8m	3.8m	
8m	36.18 LUX	5.1m	5.1m	
10m	23.16 LUX	6.3m	6.3m	
12m	16.08 LUX	7.6m	7.6m	

Vert.Spread: 35.1 Horiz.Spread: 35.1



Lux distance cure

	Illuminance at a distance		Beam width	
	Center beam LUX	Beam width V	H	H
2m	892.99 LUX	1.4m	1.4m	
4m	223.25 LUX	2.8m	2.8m	
6m	99.22 LUX	4.2m	4.2m	
8m	55.81 LUX	5.6m	5.6m	
10m	37.52 LUX	7.0m	7.0m	
12m	24.81 LUX	8.4m	8.4m	

Vert.Spread: 38.7 Horiz.Spread: 35.1

# Contact details

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