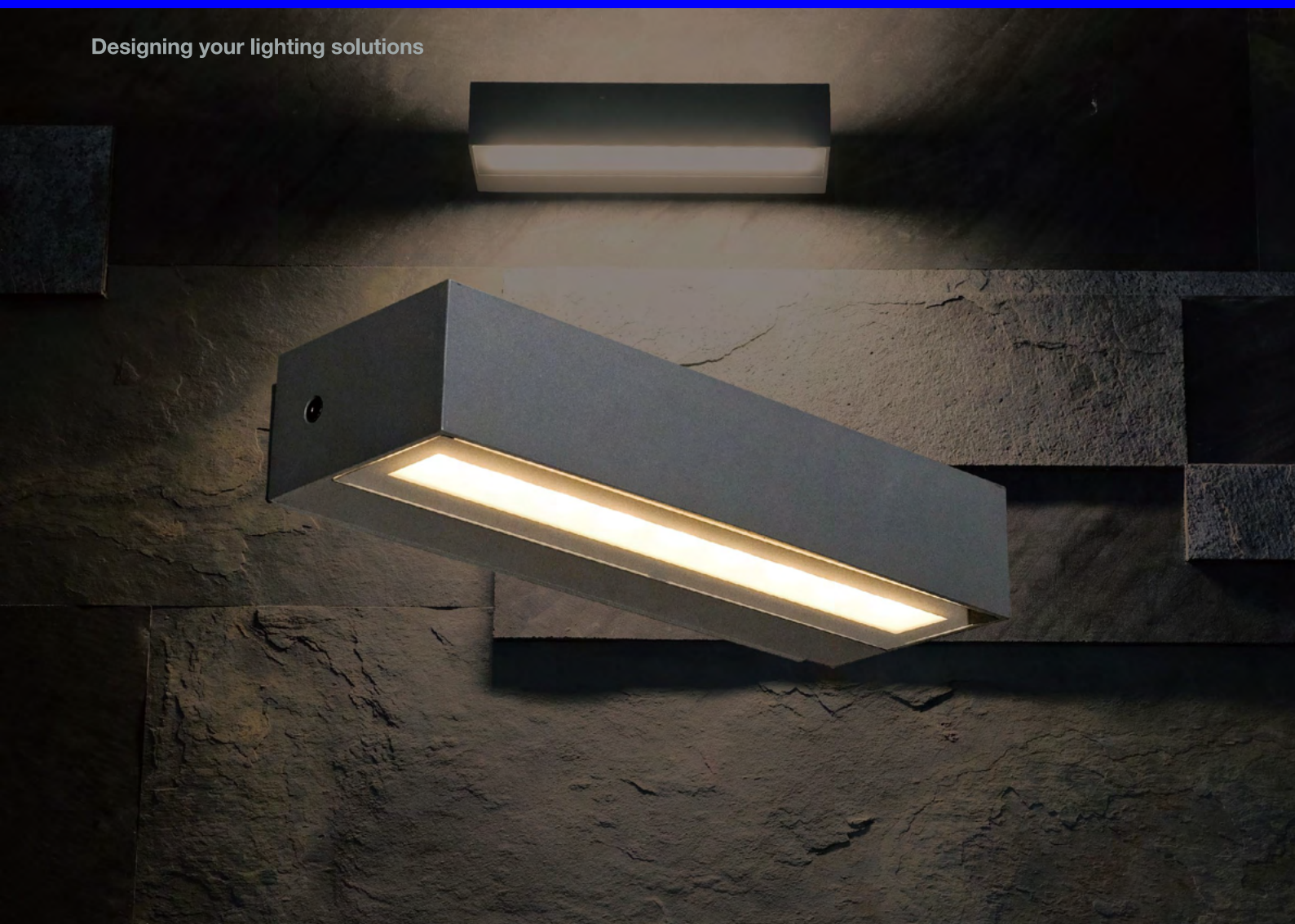




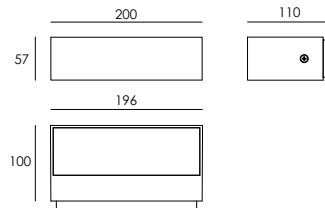
Landscape surface mounting wall light

Designing your lighting solutions

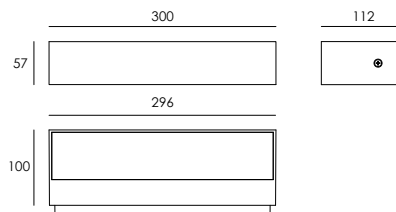


Soft Light

Surface Mounting Wall Light IP65



ITEM	LIGHT SOURCE	LENS DEGREE(°)θ1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
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(°)θ1/2	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

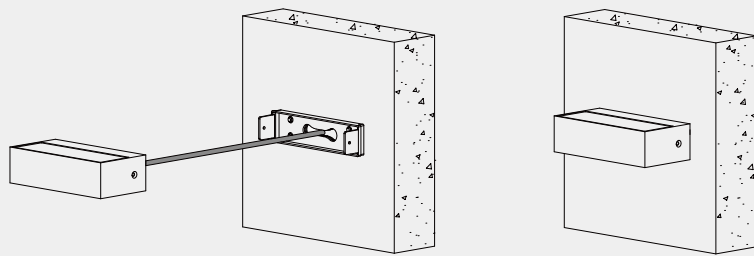
OUTDOOR RATED



Soft Light

Surface Mounting Wall Light IP65

• DIAGRAM OF INSTRUCTION



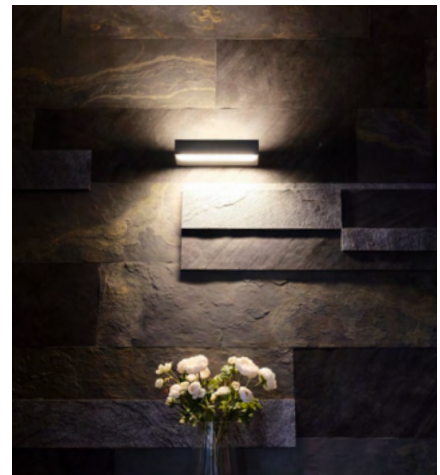
BEAM DEMO



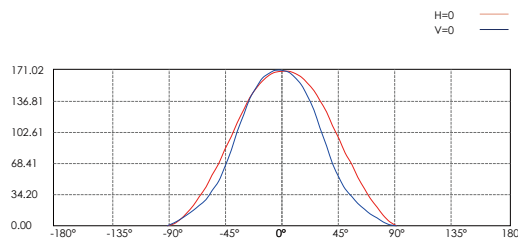
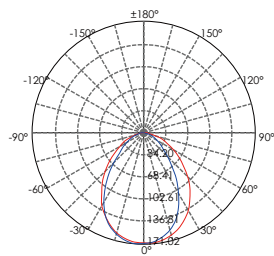
2ED7GBC1056



2ED7HBC1856

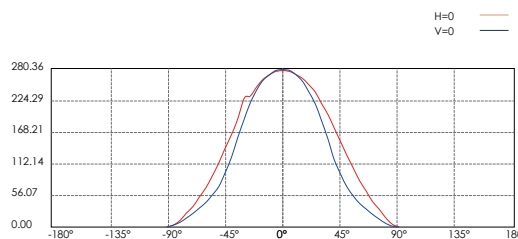
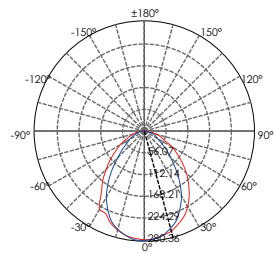


PHOTOMETRIC



Lux distance Curve

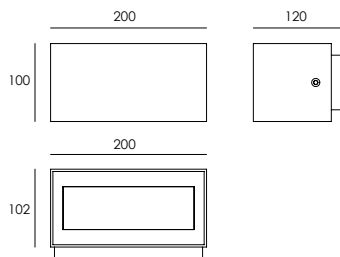
Illuminance at a Distance				
Center Beam LUX	Beam Width V	Beam Width H		
2m	42.34 LUX	4.2m 3.1m		
4m	10.58 LUX	8.3m 6.1m		
6m	4.70 LUX	12.5m 9.2m		
8m	2.65 LUX	16.6m 12.2m		
10m	1.69 LUX	20.8m 15.3m		
12m	1.18 LUX	25.0m 18.3m		
Vert.Spread:92.3			Horiz.Spread:74.7	



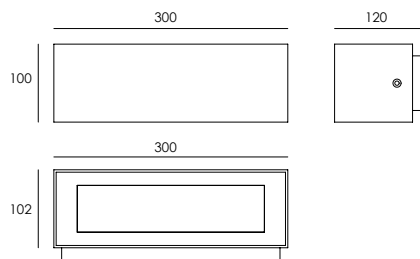
Lux distance Curve

Illuminance at a Distance				
Center Beam LUX	Beam Width V	Beam Width H		
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

REGULAR PAINTING COLOR

Glass

T=3mm

Basic

Dark Grey
KAP 7037

Secondary

Silver Grey
KAP 9022

Sanded Black
RAL 9005

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

TRIAC

PWM

1-10V

DALI

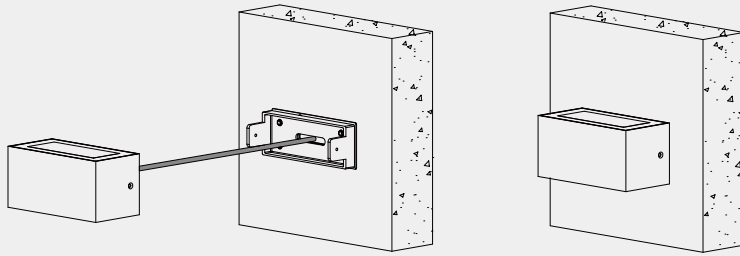
IP65

OUTDOOR
RATED



Soft Light Surface Mounting Wall Light IP65

• DIAGRAM OF INSTRUCTION



BEAM DEMO

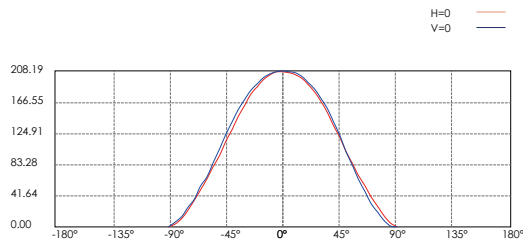
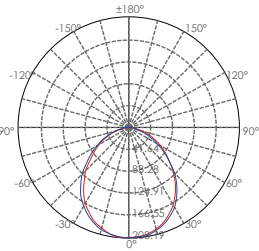


2ED7EBC1057



2ED7FBC1657

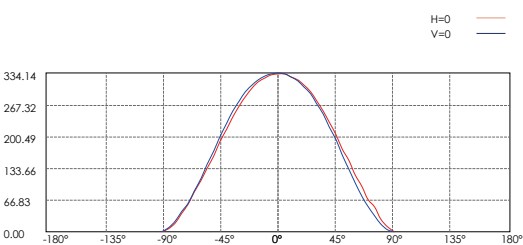
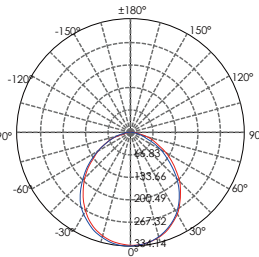
PHOTOMETRIC



Lux distance Curve

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

Vert.Spread:96.9 Horiz.Spread:99.4

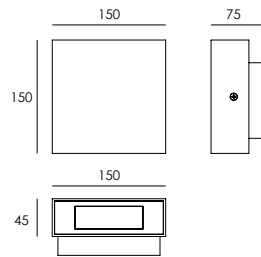


Lux distance Curve

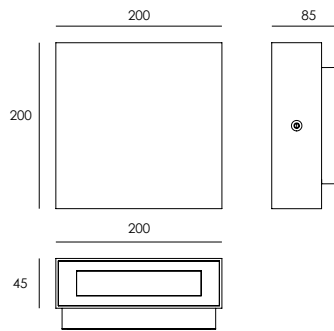
Illuminance at a Distance		Beam Width	
Center Beam LUX	V	H	
2m	82.99 LUX	4.8m	4.8m
4m	20.75 LUX	9.6m	9.5m
6m	9.22 LUX	14.4m	14.3m
8m	5.19 LUX	19.2m	19.0m
10m	3.32 LUX	24.0m	23.8m
12m	2.31 LUX	28.8m	28.5m

Vert.Spread:100.5 Horiz.Spread:100.5

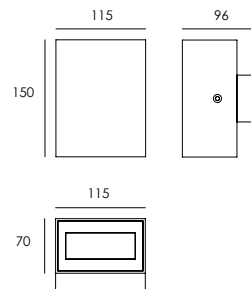
Soft Light Surface Mounting Wall Light IP65



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 2×1.0mm², 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

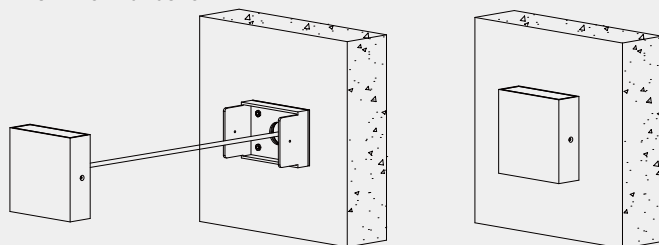
Dark Grey
KAP 7037

Secondary

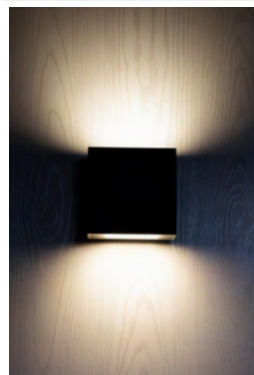
Silver Grey
KAP 9022

Sanded Black
RAL 9005

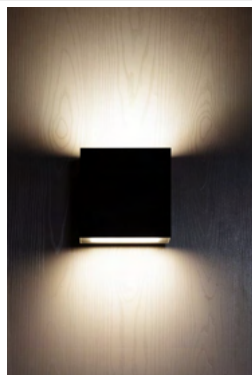
• DIAGRAM OF INSTRUCTION



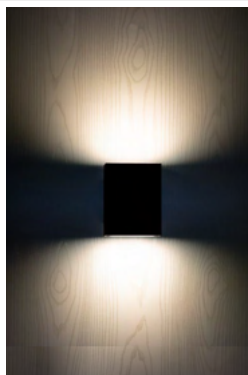
BEAM DEMO



2ED7CBC0657 (TWO SIDE)

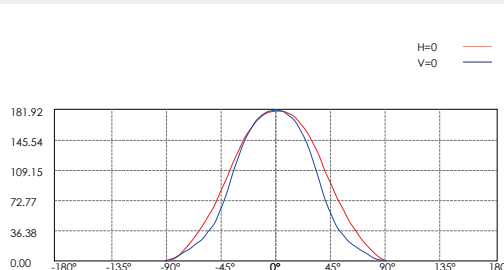
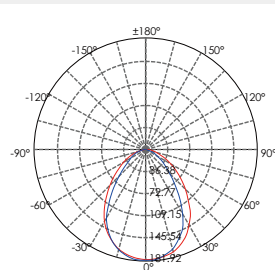


2ED7DBC1057 (TWO SIDE)



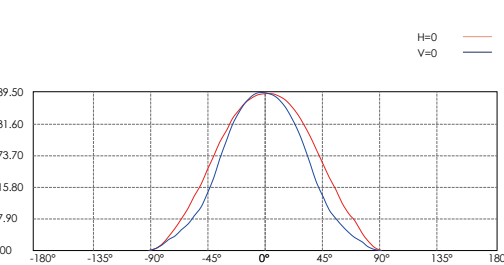
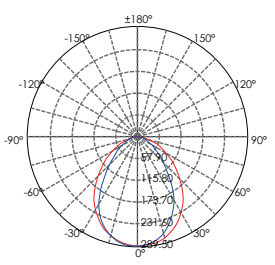
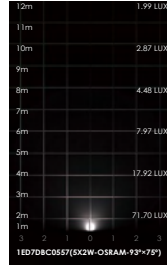
2ED7KBC0657 (TWO SIDE)

PHOTOMETRIC



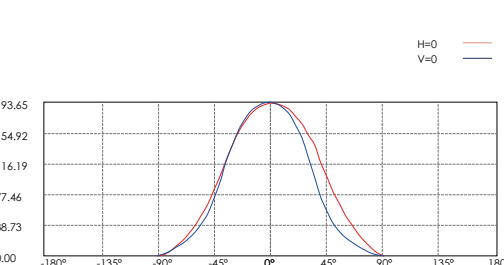
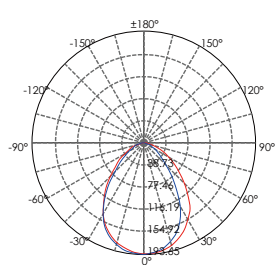
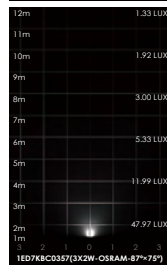
Lux distance Curve

Illuminance at a Distance		Beam Width	
Center Beam LUX	V	H	
44.96 LUX	3.8m	3.1m	
11.24 LUX	7.7m	6.1m	
5.00 LUX	11.5m	9.2m	
2.81 LUX	15.3m	12.3m	
1.80 LUX	19.2m	15.4m	
1.25 LUX	23.0m	18.4m	
Vert.Spread:87.6		Horiz.Spread:75.1	



Lux distance Curve

Illuminance at a Distance		Beam Width	
Center Beam LUX	V	H	
71.70 LUX	4.2m	3.1m	
17.92 LUX	8.4m	6.2m	
7.97 LUX	12.6m	9.2m	
4.48 LUX	16.9m	12.3m	
2.87 LUX	21.1m	15.4m	
1.99 LUX	25.3m	18.5m	
Vert.Spread:93.0		Horiz.Spread:75.3	



Lux distance Curve

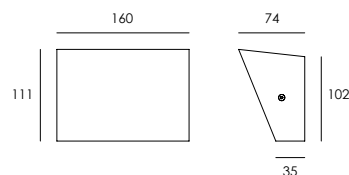
Illuminance at a Distance		Beam Width	
Center Beam LUX	V	H	
47.97 LUX	3.8m	3.1m	
11.99 LUX	7.6m	6.1m	
5.33 LUX	11.3m	9.2m	
3.00 LUX	15.1m	12.3m	
1.92 LUX	18.9m	15.3m	
1.33 LUX	22.7m	18.4m	
Vert.Spread:86.8		Horiz.Spread:75.0	

Soft Light Wall Washer

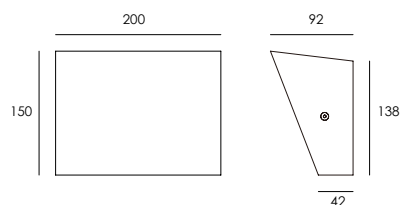
Surface Mounting Wall Light IP65



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



HOUSING	12# Die-casting aluminum finishing or powder painting T=60-80μm. Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	Tempered glass. T=3mm
LED DRIVER	Constant Voltage Input, Constant Current Output
LED	NICHIA SMD3535
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 COLOR

Basic

Dark Grey
KAP 7037

Secondary

Silver Grey
KAP 9022

Sanded Black
RAL 9005

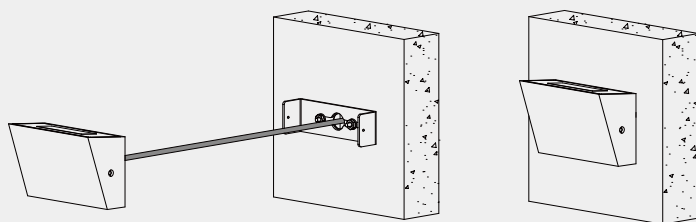
TRIAC PWM 1-10V DALI



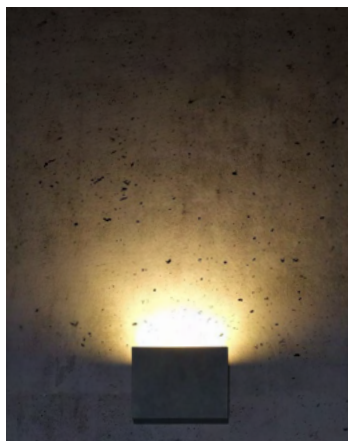
Soft Light Wall Washer

Surface Mounting Wall Light IP65

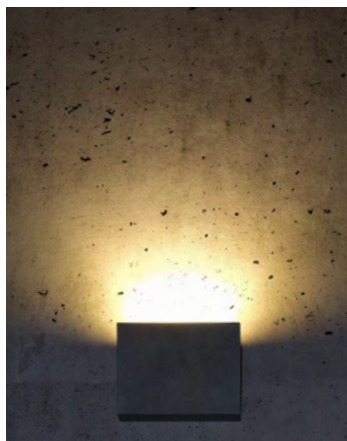
• DIAGRAM OF INSTRUCTION



BEAM DEMO

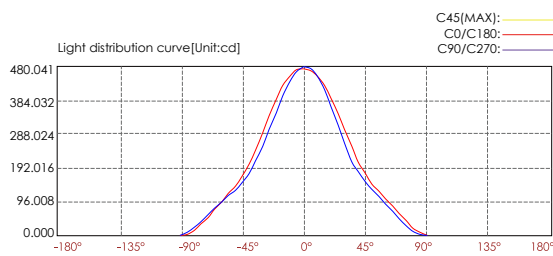
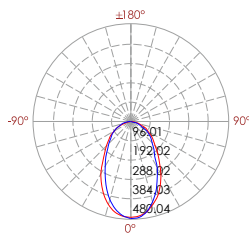
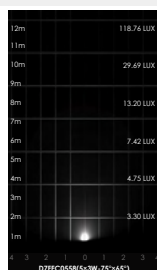


D7FEC0358



D7FFC0558

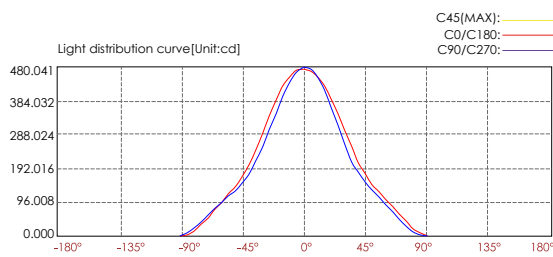
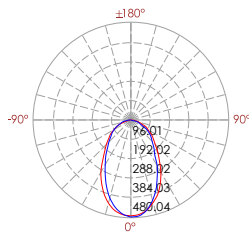
PHOTOMETRIC



Lux distance cure

Illuminance at a distance			
Center beam LUX	Beam width H	Beam width V	
2m	118.76 LUX	2.9m	2.5m
4m	29.69 LUX	5.8m	5.0m
6m	13.20 LUX	8.7m	7.4m
8m	7.42 LUX	11.6m	9.9m
10m	4.75 LUX	14.5m	12.4m
12m	3.30 LUX	17.4m	14.9m

Ver.Spread:71.8 Horiz.Spread:64.8



Lux distance cure

Illuminance at a distance			
Center beam LUX	Beam width H	Beam width V	
2m	118.76 LUX	2.9m	2.5m
4m	29.69 LUX	5.8m	5.0m
6m	13.20 LUX	8.7m	7.4m
8m	7.42 LUX	11.6m	9.9m
10m	4.75 LUX	14.5m	12.4m
12m	3.30 LUX	17.4m	14.9m

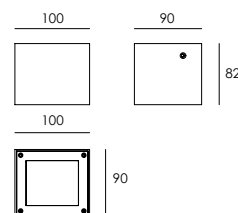
Ver.Spread:71.8 Horiz.Spread:64.8

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)
155
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 2×1.0mm², L=0.3m
120V/240V: H05RN-F 3×1.0mm², L=0.3m

REGULAR PAINTING COLOR

Basic

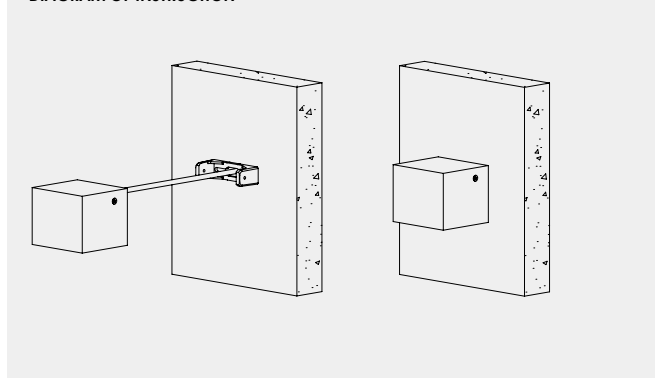
Dark Grey
KAP 7037

Secondary

Silver Grey
KAP 9022

Sanded Black
RAL 9005

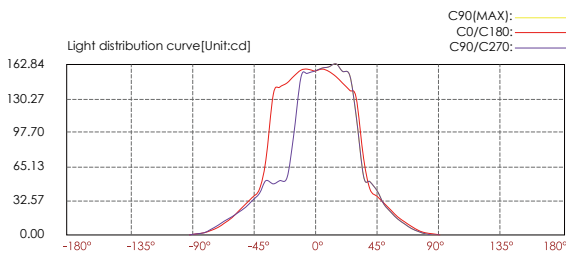
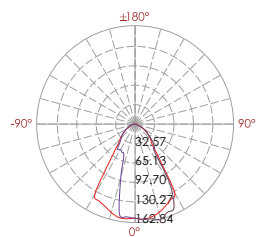
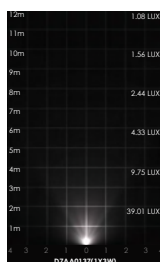
• DIAGRAM OF INSTRUCTION



BEAM DEMO



PHOTOMETRIC



Lux distance curve

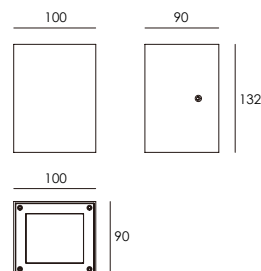
Illuminance at a distance			
Center beam LUX	Beam width	V	H
2m 39.01 LUX	1.8m	2.8m	
4m 9.75 LUX	3.7m	5.6m	
6m 4.33 LUX	5.5m	8.5m	
8m 2.44 LUX	7.3m	11.3m	
10m 1.56 LUX	9.2m	14.1m	
12m 1.08 LUX	11.0m	16.9m	
Ver.Spread:49.3 Horiz.Spread:70.4			

Wall Washer

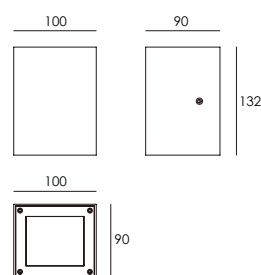
Surface Mounting Wall Light IP65



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 2×1.0mm², 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

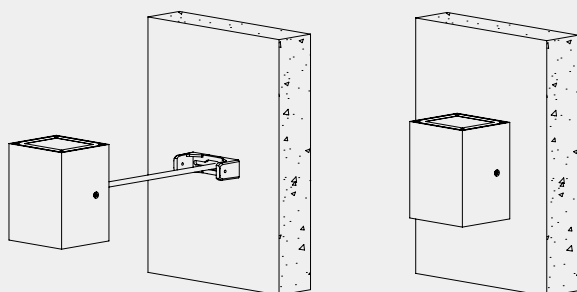
Dark Grey
KAP 7037

Secondary

Silver Grey
KAP 9022

Sanded Black
RAL 9005

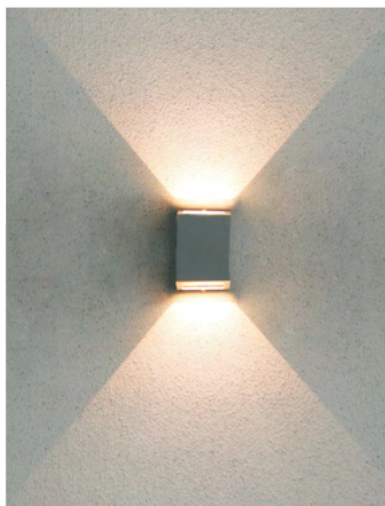
• DIAGRAM OF INSTRUCTION



Wall Washer

Surface Mounting Wall Light IP65

BEAM DEMO

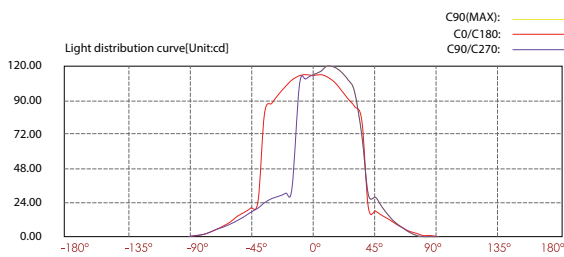
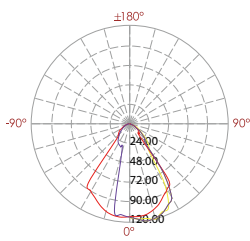


D7AB0237



D7AC0237

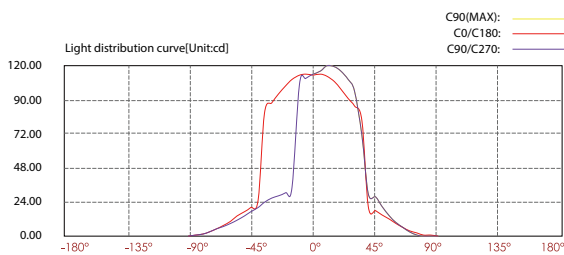
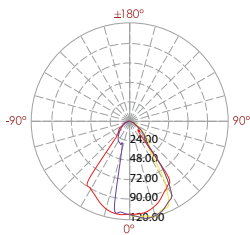
PHOTOMETRIC



Lux distance curve

Illuminance at a distance		Beam width	
Center beam LUX		V	H
2m	28.35 LUX	1.8m	3.0m
4m	7.09 LUX	3.7m	6.0m
6m	3.15 LUX	5.5m	9.0m
8m	1.77 LUX	7.4m	12.0m
10m	1.13 LUX	9.2m	15.0m
12m	0.79 LUX	11.1m	18.0m

Ver.Spread:49.5 Horiz.Spread:73.8



Lux distance curve

Illuminance at a distance		Beam width	
Center beam LUX		V	H
2m	28.35 LUX	1.8m	3.0m
4m	7.09 LUX	3.7m	6.0m
6m	3.15 LUX	5.5m	9.0m
8m	1.77 LUX	7.4m	12.0m
10m	1.13 LUX	9.2m	15.0m
12m	0.79 LUX	11.1m	18.0m

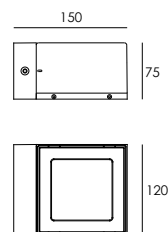
Ver.Spread:49.5 Horiz.Spread:73.8

Wall Washer

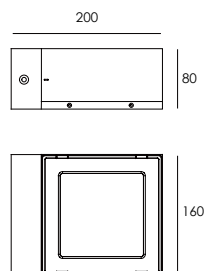
Surface Mounting Wall Light IP65



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



ITEM
B7FMG0958
LIGHT SOURCE
9×3W NICHIA
LENS
FB12B5
SELECTED DEGREE(°)θ1/2
9°
INPUT VOLTAGE(V)
DC 24 120 240
OPERATING CURRENT(MA)
DC 24=1375 120=245 240=133
CONSUMPTION(W)
DC 24=33 120=29.6 240=30
LUMINANCE(LM)
2632
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.T=3mm
CABLE GLAND	IP68 PG-9 PA66
GASKET	Tooling shaped seal
LED	SMD 3535
LED DRIVER	Constant Voltage Input, Constant Current Output
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	Secondary
Dark Grey KAP 7037	Silver Grey KAP 9022
	Sanded Black RAL 9005

OPTICS

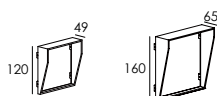
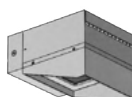
		Referenced Degree(°)θ1/2					
FB11B4		9°	15°	20°	30°	45°	60°
FB12B5		9°	15°	20°	30°	45°	60°

ACCESSORIES(Optional)

ANTI-GLARE LOUVER



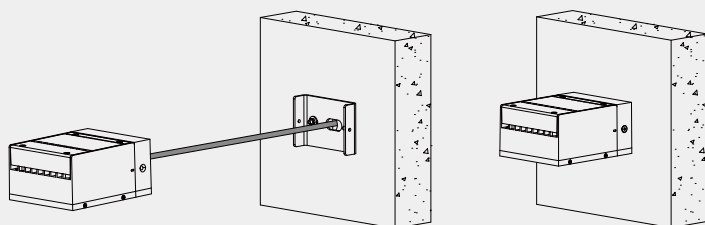
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CA3023	B7EMG0459
CA3024	B7FMG0958



Wall Washer

Surface Mounting Wall Light IP65

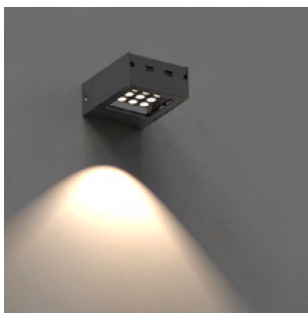
• DIAGRAM OF INSTRUCTION



BEAM DEMO



B7EMG0459



B7FMG0958

FAMILY ITEM APPLICATION

Spotlight



B3EME0459

• See page 112



B3FME0958



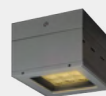
B3GME2558

Wall Mounting Ceiling Down Light



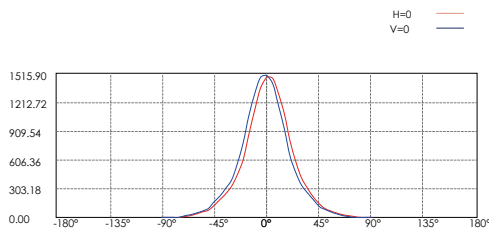
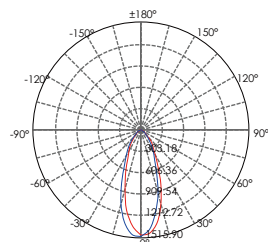
B8ELB0459

• See page 260



B8FLB0958

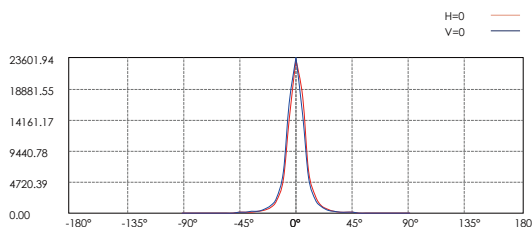
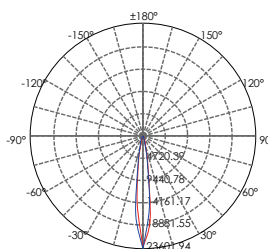
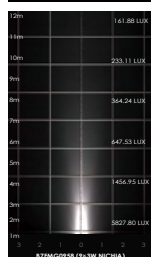
PHOTOMETRIC



Lux distance Curve

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

Vert.Spread:38.6 Horiz.Spread:39.0



Lux distance Curve

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

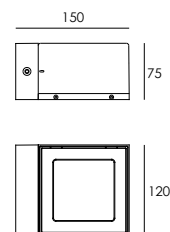
Vert.Spread:14.0 Horiz.Spread:14.0

Asymmetrical Wall Washer

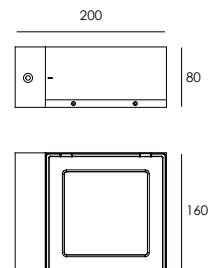
Surface Mounting Wall Light IP65



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



ITEM
C7FMG1057
LIGHT SOURCE
10×1.8W NICHIA
LENS
C18
SELECTED DEGREE(°)θ1/2
85°×55°
INPUT VOLTAGE(V)
120 240
OPERATING CURRENT(MA)
120=165 240=93
CONSUMPTION(W)
120=20 240=20.9
LUMINANCE(LM)
680
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.T=3mm
CABLE GLAND	IP68 PG-9 PA66
GASKET	Tooling shaped seal
LED	SMD 3535
LED DRIVER	Constant Voltage Input, Constant Current Output
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

Referenced Degree(°)θ1/2



C18

L01 80/60 F077YS

TRIAC

PWM

1-10V

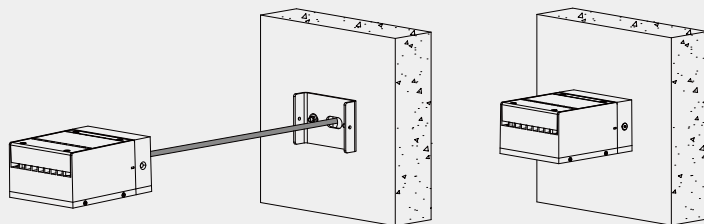
DALI

IP65
OUTDOOR
RATED

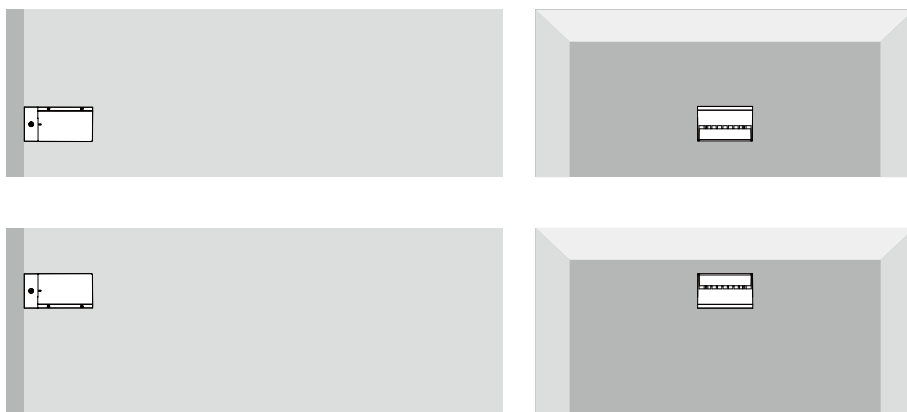


Asymmetrical Wall Washer Surface Mounting Wall Light IP65

• DIAGRAM OF INSTRUCTION



BEAM DEMO



FAMILY ITEM APPLICATION

Spotlight



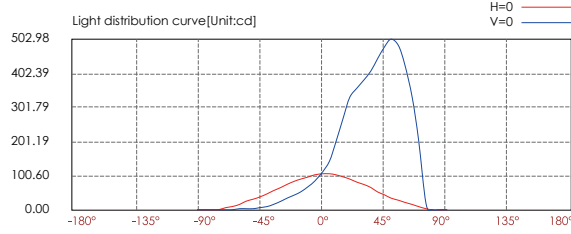
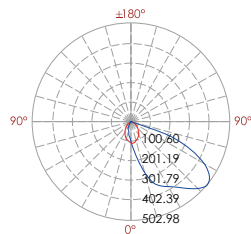
C3EME0458



C3FME1057

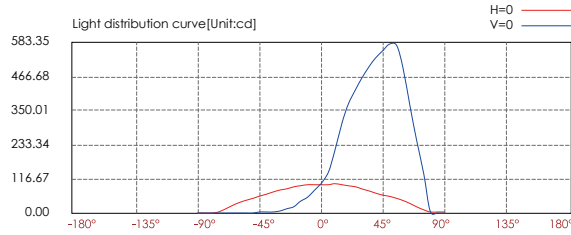
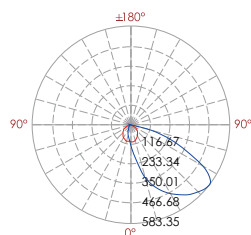
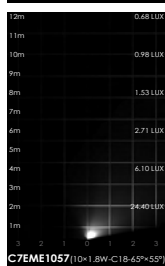
• See page 116

PHOTOMETRIC



Lux distance curve

Illuminance at a distance			
Center beam LUX		Beam width	
		V	H
2m	26.95 LUX	2.5m	2.1m
4m	6.74 LUX	5.0m	4.1m
6m	2.99 LUX	7.5m	6.2m
8m	1.68 LUX	9.9m	8.3m
10m	1.08 LUX	12.4m	10.3m
12m	0.75 LUX	14.9m	12.4m
Ver.Spread: 63.7		Horiz.Spread: 54.7	



Lux distance curve

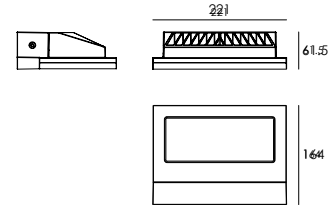
Illuminance at a distance			
Center beam LUX		Beam width	
		V	H
2m	24.40 LUX	2.7m	2.0m
4m	6.10 LUX	5.3m	4.1m
6m	2.71 LUX	8.0m	6.1m
8m	1.53 LUX	10.6m	8.2m
10m	0.98 LUX	13.3m	10.2m
12m	0.68 LUX	16.0m	12.3m
Ver.Spread: 67.3		Horiz.Spread: 54.3	

Asymmetrical Wall Washer

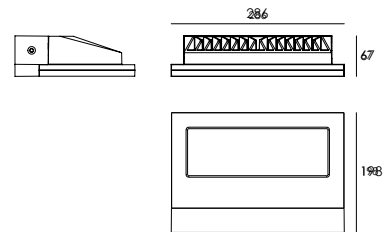
Surface Mounting Wall Light IP65



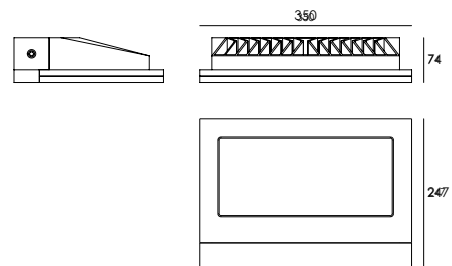
ITEM
C7FKB1057
LIGHT SOURCE
10×1.5W
LENS
C18
SELECTED DEGREE(°)Θ1/2
94°×76°
INPUT VOLTAGE(V)
120 240
OPERATING CURRENT(MA)
120=174 240=91
CONSUMPTION(W)
120=20 240=20.1
LUMINANCE(LM)
1372
IK
06



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

Referenced Degree(°)Θ1/2



C18

L01⁸⁰₆₀ F077Y5

TRIAC PWM 1-10V DALI

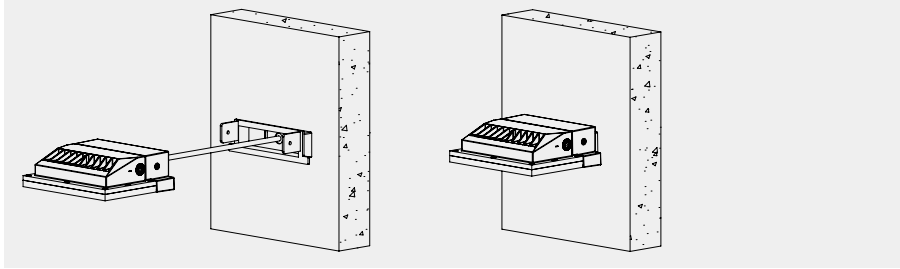
IP65

OUTDOOR RATED



Asymmetrical Wall Washer Surface Mounting Wall Light IP65

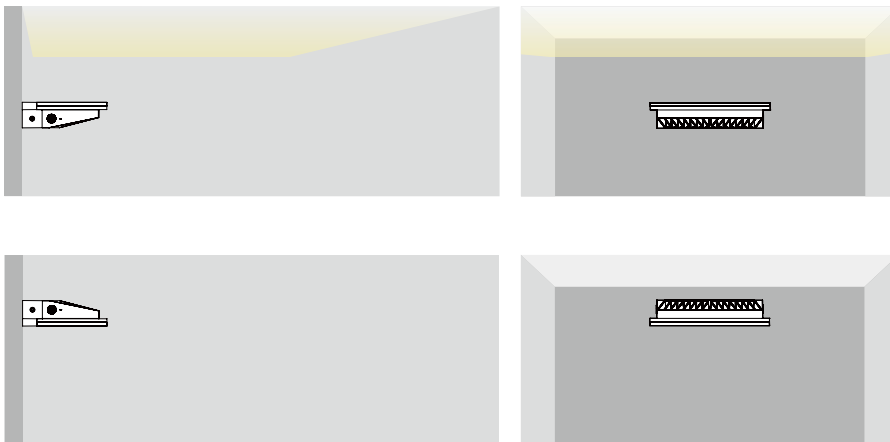
• DIAGRAM OF INSTRUCTION



OVERVIEW



BEAM DEMO



FAMILY ITEM APPLICATIONS

Spotlight



C3FKA1057

• See page 114

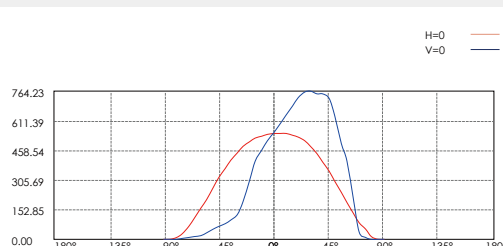
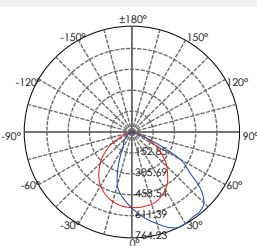


C3GKA1257



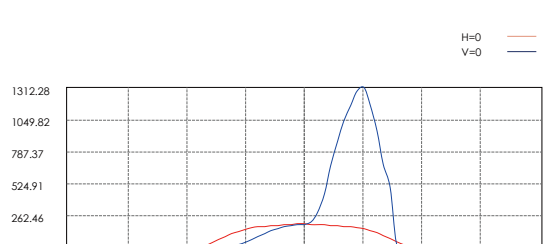
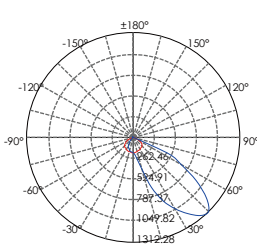
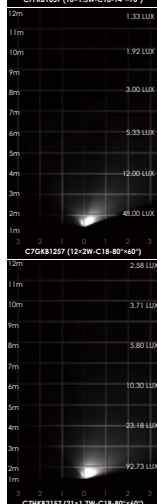
C3HKA2157

PHOTOMETRIC



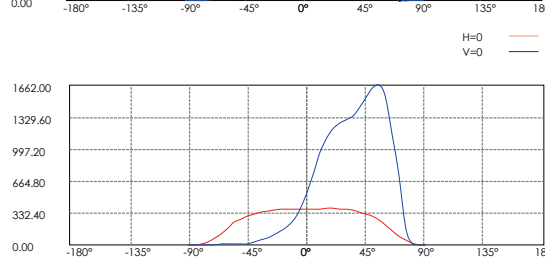
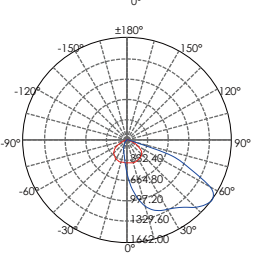
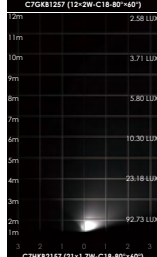
Lux distance Curve

Illuminance at a Distance			
Center Beam LUX	Beam Width		
	V	H	
2m	4.3m	3.2m	
4m	8.7m	6.3m	
6m	13.0m	9.5m	
8m	17.3m	12.6m	
10m	21.7m	15.8m	
12m	26.0m	18.9m	
Vert.Spread:94.6 Horiz.Spread:41.0			



Lux distance Curve

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



Lux distance Curve

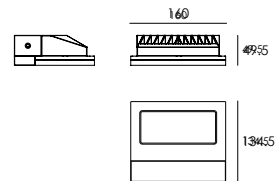
Illuminance at a Distance			
Center Beam LUX	Beam Width		
	V	H	
2m	3.6m	2.4m	
4m	7.1m	4.8m	
6m	10.7m	7.2m	
8m	14.3m	9.6m	
10m	17.8m	12.0m	
12m	21.4m	14.4m	
Vert.Spread:83.5 Horiz.Spread:42.1			

Floodlight

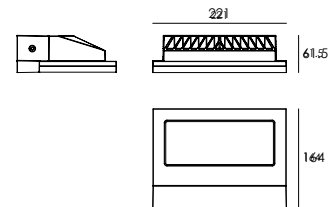
Surface Mounting Wall Light IP65



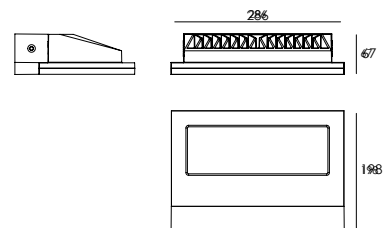
ITEM	C7EKB0359
LIGHT SOURCE	3×3.5W
LENS	FC08B5
SELECTED DEGREE(°)θ1/2	45°/35°
INPUT VOLTAGE(V)	DC 24 120 240
OPERATING CURRENT(MA)	DC 24=500 120=120 240=55
CONSUMPTION(W)	DC 24=13 120=13.2 240=13
LUMINANCE(LM)	811
IK	06



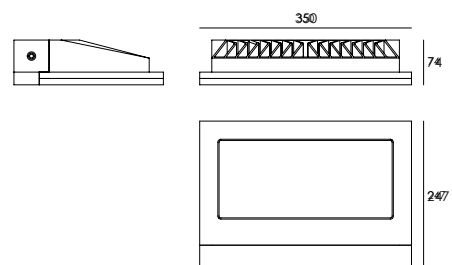
ITEM	C7FKB0559
LIGHT SOURCE	5×3.5W
LENS	FC07B4/FC08B5
SELECTED DEGREE(°)θ1/2	45°/35°
INPUT VOLTAGE(V)	DC 24 120 240
OPERATING CURRENT(MA)	DC 24=750 120=204 240=97
CONSUMPTION(W)	DC 24=18 120=22.5 240=22
LUMINANCE(LM)	1370
IK	06



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

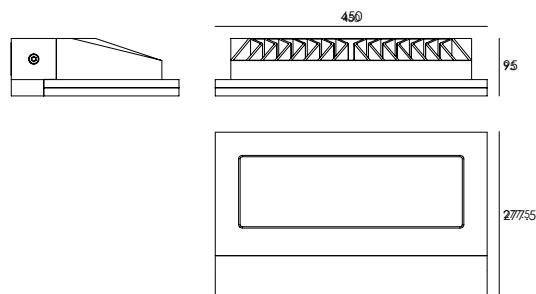


Floodlight

Surface Mounting Wall Light IP65



ITEM	C7IKB3058
LIGHT SOURCE	30×2.8W
LENS	FC07B4/FC08B5
SELECTED DEGREE(°)θ1/2	45°/35°
INPUT VOLTAGE(V)	DC 24 120 240
OPERATING CURRENT(MA)	DC 24=4000 120=820 240=393
CONSUMPTION(W)	DC 24=96 120=90.5 240=88
LUMINANCE(LM)	6220
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: C7EKB0359, C7GKB1259, C7HKB2158 Tempered glass 4mm: C7FKB0559, C7IKB3058
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 2×1.0mm², 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



FC08B5

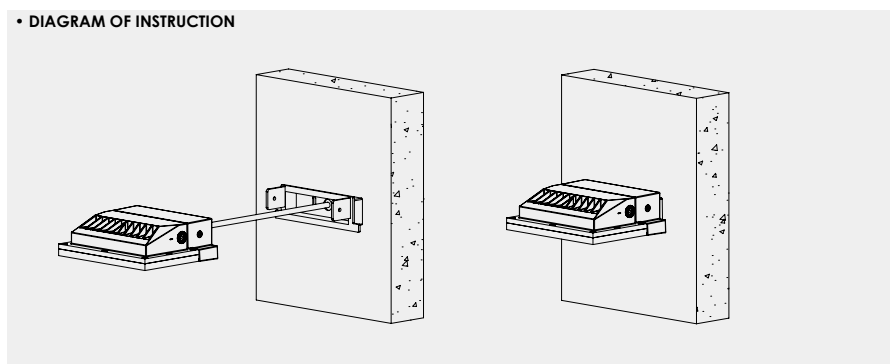
45°
35°



FC07B4

45°
35°

• DIAGRAM OF INSTRUCTION



OVERVIEW



Floodlight

Surface Mounting Wall Light IP65

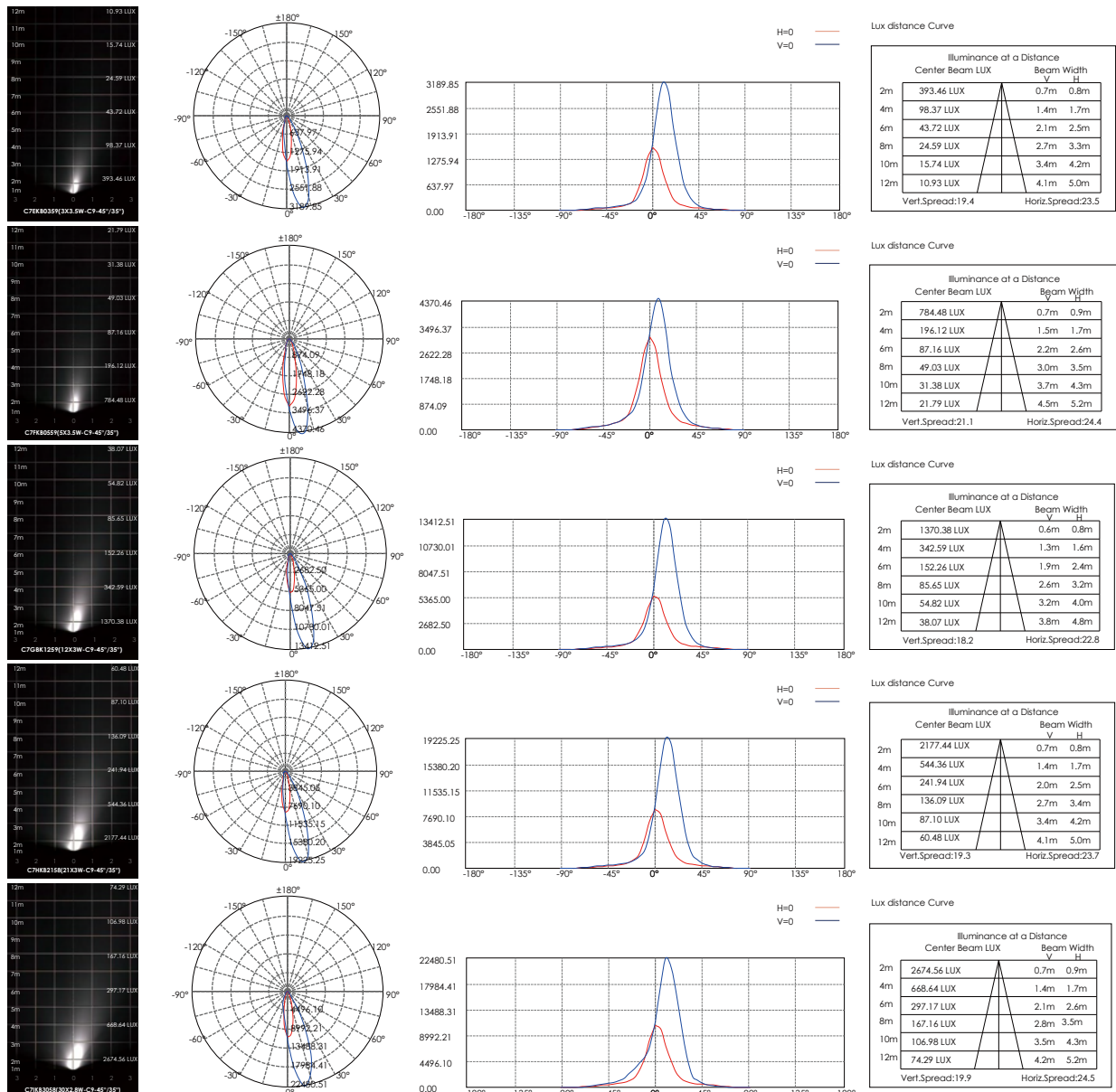
FAMILY ITEM APPLICATION

Spotlight



• See page 108

PHOTOMETRIC

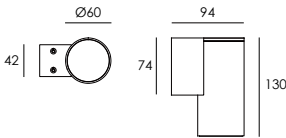


Wall washer

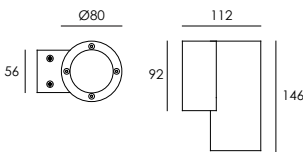
Surface Mounting Wall Light IP65



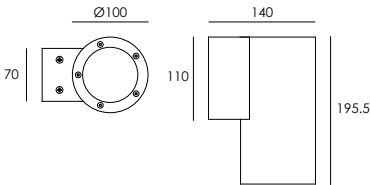
ITEM
B7DH0124
LIGHT SOURCE
1×4.5W COB
LENS
B54
SELECTED DEGREE(°)θ1/2
24°
INPUT VOLTAGE(V)
DC 24 240
OPERATING CURRENT(MA)
DC 24=233 240=48
CONSUMPTION(W)
DC 24=5.6 240=6
LUMINANCE(LM)
WW=282
IK
05



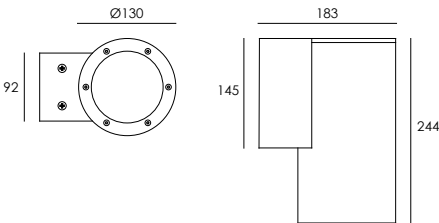
ITEM
R7AH0128
LIGHT SOURCE
1×10W COB
REFLECTOR
R8
SELECTED DEGREE(°)θ1/2
24°
INPUT VOLTAGE(V)
DC 24 120 240
OPERATING CURRENT(MA)
DC 24=480 120=112 240=63
CONSUMPTION(W)
DC 24=11.5 120=13.1 240=13.5
LUMINANCE(LM)
CW=1335 WW=1170
IK
10



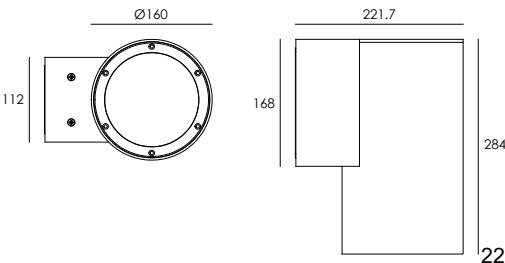
ITEM
R7BH0170
LIGHT SOURCE
1×18W COB
REFLECTOR
R18
SELECTED DEGREE(°)θ1/2
22°
INPUT VOLTAGE(V)
DC 24 120 240
OPERATING CURRENT(MA)
DC 24=833 120=178 240=96
CONSUMPTION(W)
DC 24=20 120=20 240=21.4
LUMINANCE(LM)
CW=2021 WW=1847
IK
10



ITEM
R7CH0173
LIGHT SOURCE
1×25W 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
1×40W 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

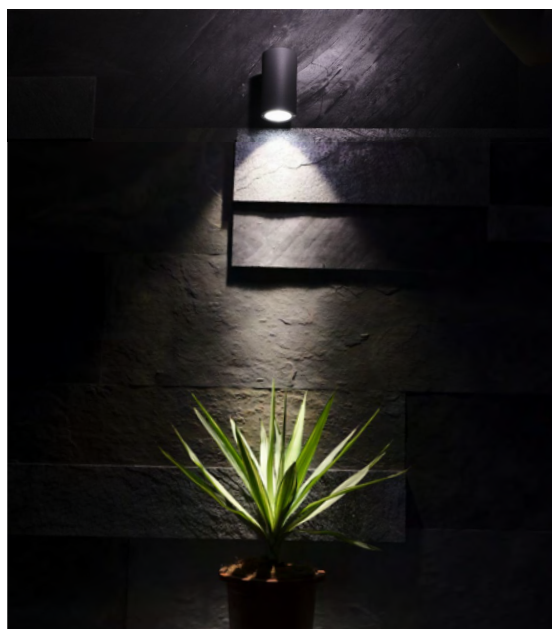
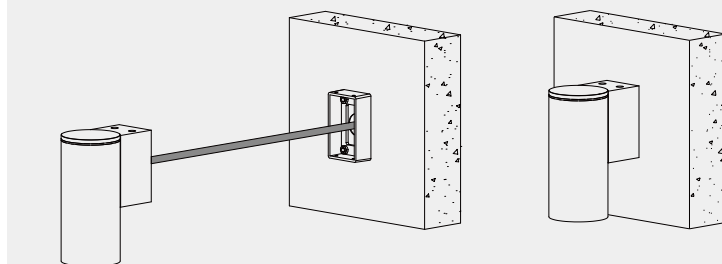
HOUSING MATERIAL	Extruded aluminum alloy #6063
PAINTING	Powder coating ,T= 60-80 μm. Adhesion of ISOclass 1/ASTM class 4B
REFLECTOR	OPTICS reflector. efficiency≥85%
LED	NICHIA
OPERATING TEMPERATURE	-20°C- 40°C
POWER CABLE	Outside of luminaire 12V/24V: H05RN-F 2×1.0mm², L=0.3m 120V/240V: H05RN-F 3×1.0mm²,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

OPTICS		Referenced Degree(°)91/2			
	B54	15°	24°	38°	
	R8	15°	24°	38°	60°
	R18	12°	22°	35°	55°
	R19	10°	22°	38°	
	R16	12°	25°	38°	

REGULAR PAINTING COLOR

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

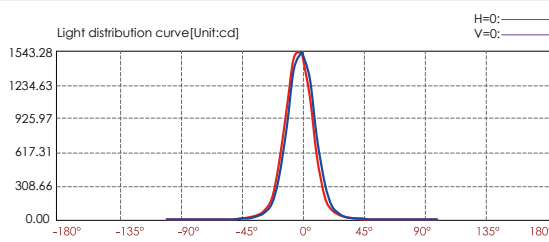
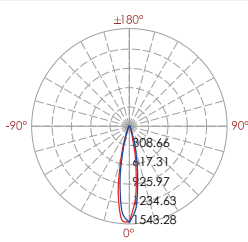
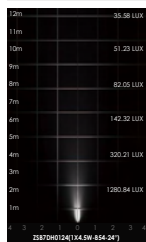
• DIAGRAM OF INSTRUCTION



Wall washer

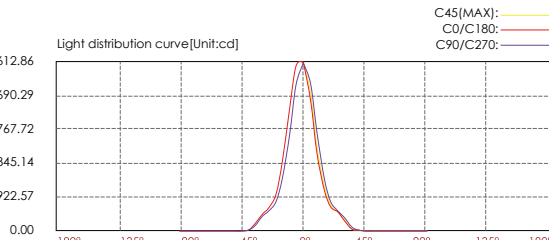
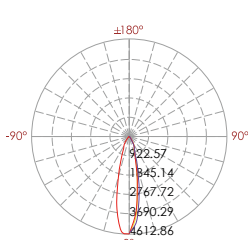
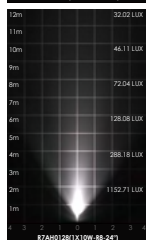
Surface Mounting Wall Light IP65

PHOTOMETRIC



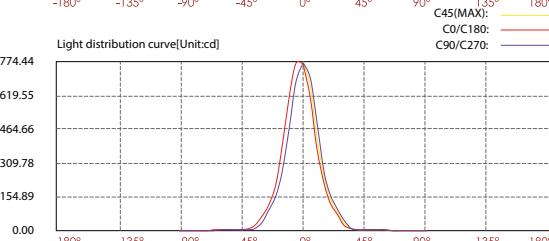
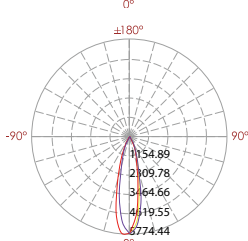
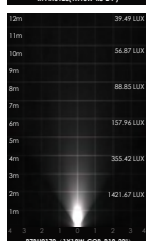
Lux distance curve

Illuminance at a Distance			
Center beam LUX	Beam Width		
	V	H	
2m	380.14 LUX	0.7m	0.7m
4m	95.03 LUX	1.5m	1.5m
6m	42.24 LUX	2.2m	2.2m
8m	23.76 LUX	2.9m	2.9m
10m	15.21 LUX	3.7m	3.7m
12m	10.56 LUX	4.4m	4.4m
Verf.Spread:20.8		Horiz.Spread:20.9	



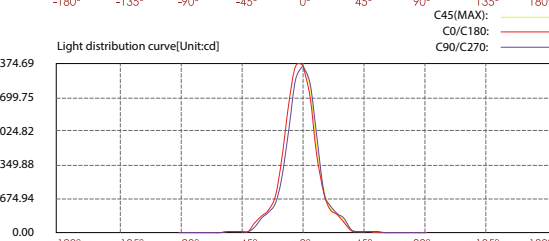
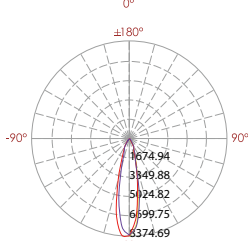
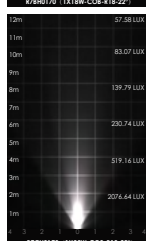
Lux distance curve

Illuminance at a distance			
Center beam LUX	Beam width		
	V	H	
2m	1152.71 LUX	0.8m	0.8m
4m	288.18 LUX	1.6m	1.6m
6m	128.08 LUX	2.4m	2.4m
8m	72.04 LUX	3.2m	3.3m
10m	46.11 LUX	4.0m	4.1m
12m	32.02 LUX	4.9m	4.9m
Verf.Spread:22.9		Horiz.Spread:23.0	



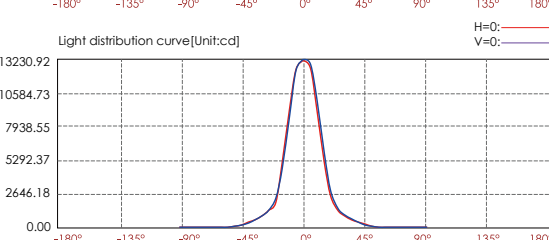
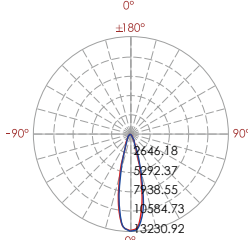
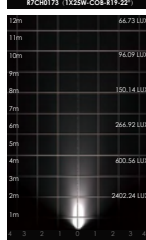
Lux distance curve

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 curve

Illuminance at a distance			
Center beam LUX	Beam width		
	V	H	
2m	2076.64 LUX	0.9m	0.8m
4m	519.16 LUX	1.7m	1.7m
6m	230.74 LUX	2.6m	2.5m
8m	129.79 LUX	3.4m	3.4m
10m	83.07 LUX	4.3m	4.2m
12m	57.68 LUX	5.1m	5.1m
Verf.Spread:24.2		Horiz.Spread:23.8	



Lux distance curve

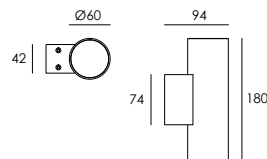
Illuminance at a Distance			
Center Beam LUX	Beam Width		
	V	H	
2m	3274.96 LUX	0.9m	0.9m
4m	818.74 LUX	1.9m	1.9m
6m	363.88 LUX	2.8m	2.8m
8m	204.68 LUX	3.8m	3.8m
10m	131.00 LUX	4.7m	4.7m
12m	90.97 LUX	5.6m	5.7m
Verf.Spread:26.4		Horiz.Spread:26.7	

Wall washer

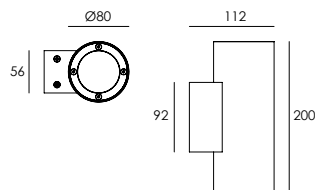
Surface Mounting Wall Light IP65



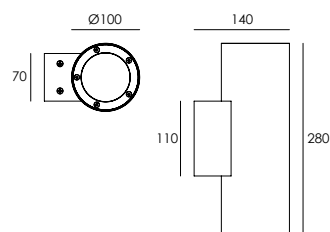
ITEM
B7DH0224
LIGHT SOURCE
2×4.5W COB NICHIA
LENS
B54
SELECTED DEGREE(°)θ1/2
24°
INPUT VOLTAGE(V)
DC 24 240
OPERATING CURRENT(MA)
DC 24=420 240=49
CONSUMPTION(W)
DC 24=10 240=10.7
LUMINANCE(LM)
WW=282×2
IK
05



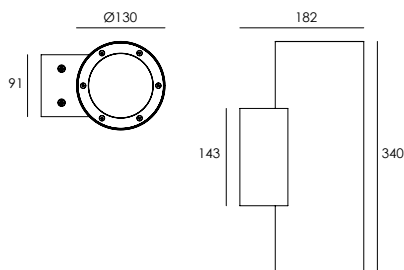
ITEM
R7AH0227
LIGHT SOURCE
2×8W COB NICHIA
REFLECTOR
R8
SELECTED DEGREE(°)θ1/2
24°
INPUT VOLTAGE(V)
DC 24 120 240
OPERATING CURRENT(MA)
DC 24=832 120=163 240=91
CONSUMPTION(W)
DC 24=20 120=20 240=20.8
LUMINANCE(LM)
CW=1053×2 WW=986×2
IK
10



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



HOUSING MATERIAL	Extruded aluminum alloy #6063
PAINTING	Powder coating ,T= 60-80 μm. Adhesion of ISO class 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 2×1.0mm², 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

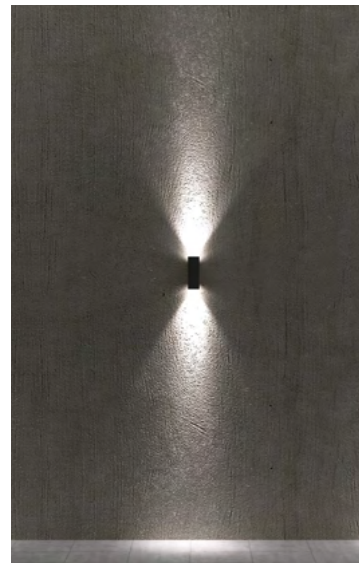
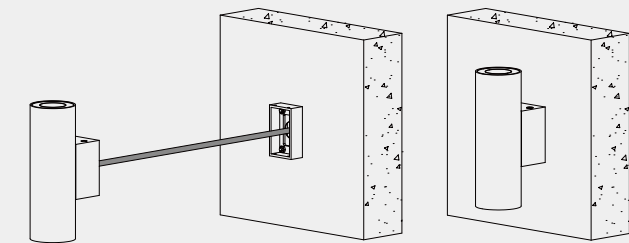
Dark Grey
KAP 7037

Secondary

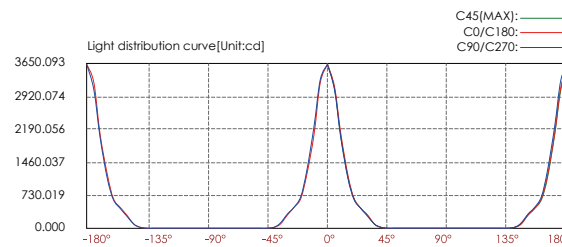
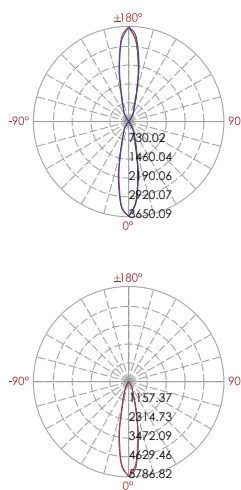
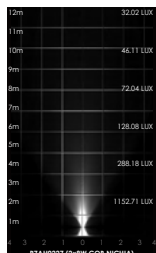
Silver Grey
KAP 9022

Sanded Black
RAL 9005

• DIAGRAM OF INSTRUCTION



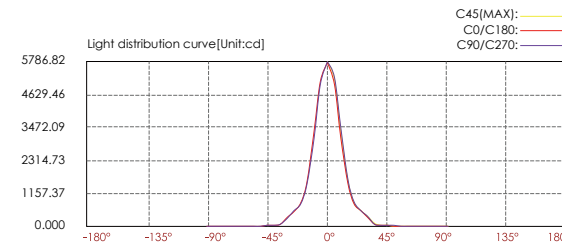
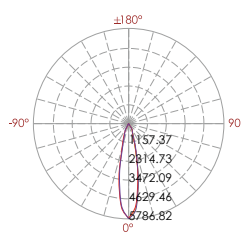
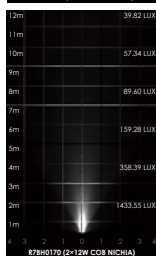
PHOTOMETRIC



Lux distance cure

Center beam LUX	Beam width V	Beam width H
2m 907.54 LUX	0.8m	0.8m
4m 226.89 LUX	1.6m	1.7m
6m 100.84 LUX	2.5m	2.5m
8m 56.72 LUX	3.3m	3.3m
10m 36.30 LUX	4.1m	4.2m
12m 25.21 LUX	4.9m	5.0m

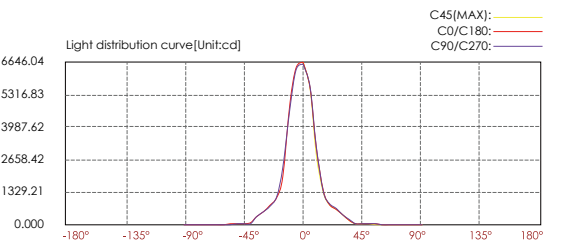
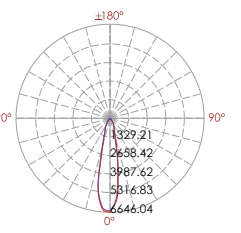
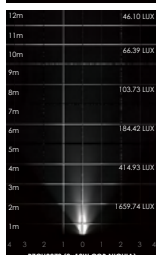
Vert.Spread:23.5 Horiz.Spread:23.1



Lux distance cure

Center beam LUX	Beam width V	Beam width H
2m 1433.55 LUX	0.8m	0.8m
4m 358.39 LUX	1.6m	1.6m
6m 159.28 LUX	2.4m	2.3m
8m 89.60 LUX	3.1m	3.1m
10m 57.34 LUX	3.9m	3.9m
12m 39.82 LUX	4.7m	4.7m

Vert.Spread:22.2 Horiz.Spread:22.0



Lux distance cure

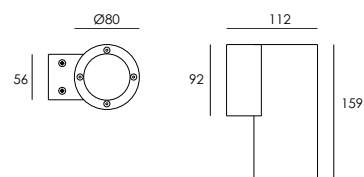
Center beam LUX	Beam width V	Beam width H
2m 1659.74 LUX	0.8m	0.8m
4m 414.93 LUX	1.6m	1.6m
6m 184.42 LUX	2.5m	2.4m
8m 103.73 LUX	3.3m	3.1m
10m 66.39 LUX	4.1m	3.9m
12m 46.10 LUX	4.9m	4.7m

Vert.Spread:23.3 Horiz.Spread:22.2

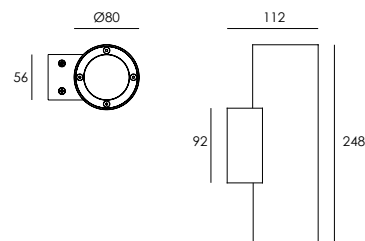
Super Narrow Beam Wall Washer Surface Mounting Wall Light IP65



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



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



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

REGULAR PAINTING COLOR

Basic

Dark Grey
KAP 7037

Secondary

Silver Grey
KAP 9022

Sanded Black
RAL 9005

OPTICS

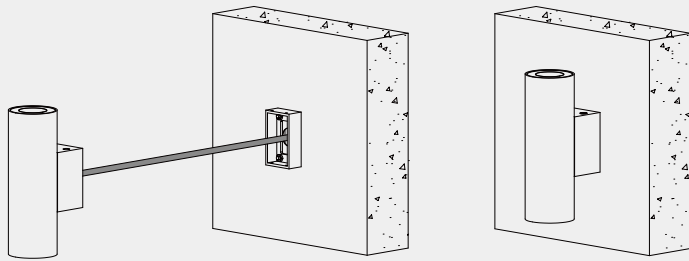


B83

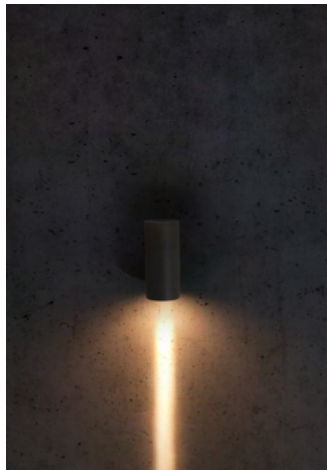
6°

Super Narrow Beam Wall Washer Surface Mounting Wall Light IP65

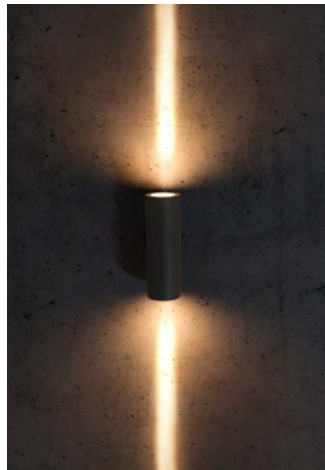
• DIAGRAM OF INSTRUCTION



BEAM DEMO

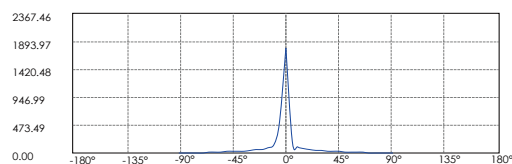
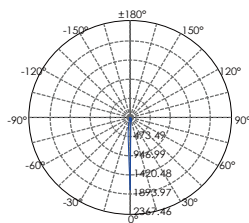
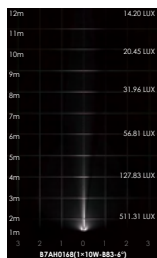


B7AH0168

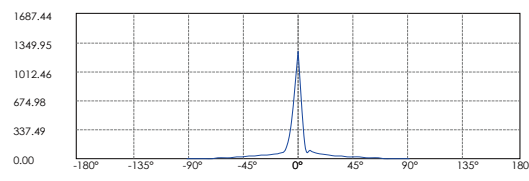
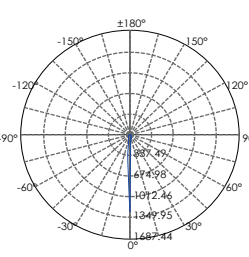
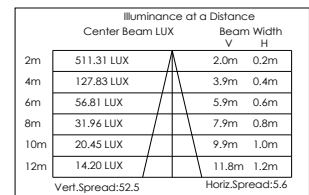


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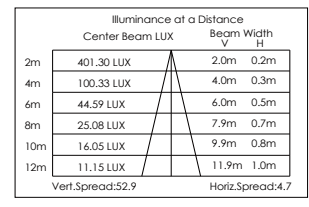
PHOTOMETRIC



Lux distance Curve



Lux distance Curve

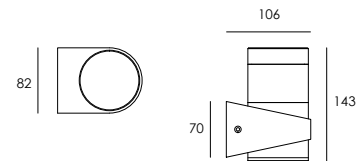


Softlight

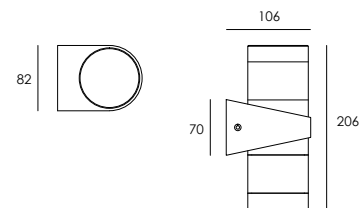
Surface Mounting Wall Light IP65



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



ITEM
D7BE0224
LIGHT SOURCE
2×4.5W
LENS
N/A
SELECTED DEGREE(°)θ1/2
N/A
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=2×409
IK
08



HOUSING

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

LIGHT WINDOW

PMMA T=8mm

LED DRIVER

Constant Voltage Input, Constant Current Output

LED

NICHIA COB

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

REGULAR PAINTING COLOR

Basic

Dark Grey
KAP 7037

Secondary

Silver Grey
KAP 9022

Sanded Black
RAL 9005

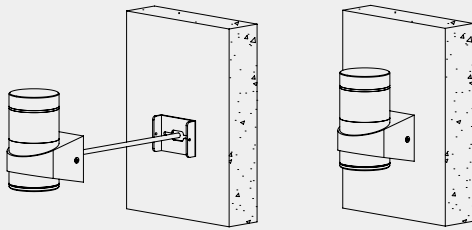


Softlight

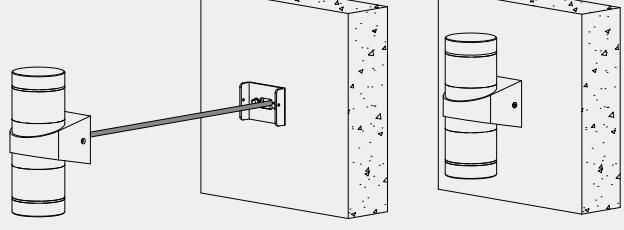
Surface Mounting Wall Light IP65

• DIAGRAM OF INSTRUCTION

D7BD0125



D7BE0224



BEAM DEMO

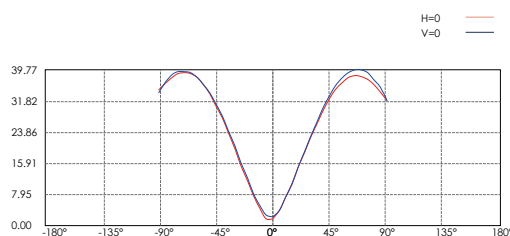
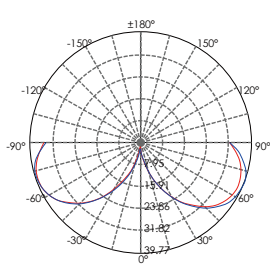


D7BD0125



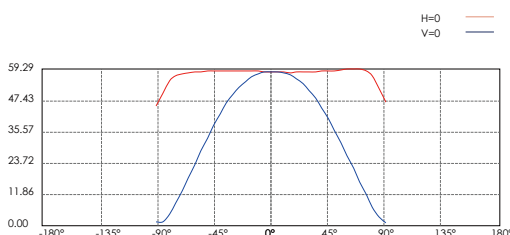
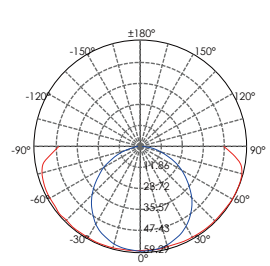
D7BE0224

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	

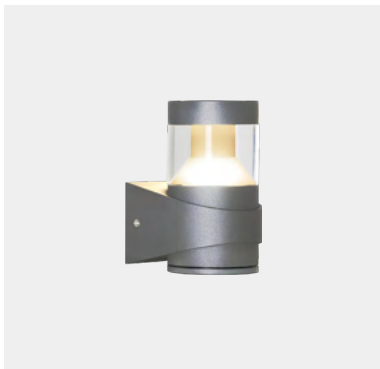


Lux distance Curve

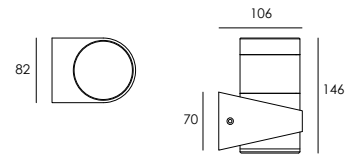
Illuminance at a Distance			
Center Beam LUX	Beam Width V	H	
2m	14.54 LUX	145.6m	117.6m
4m	3.63 LUX	291.2m	235.2m
6m	1.62 LUX	436.8m	352.8m
8m	0.91 LUX	582.4m	470.3m
10m	0.58 LUX	728.0m	587.9m
12m	0.40 LUX	873.6m	705.5m
Vert.Spread:176.9		Horiz.Spread:176.2	

Softlight

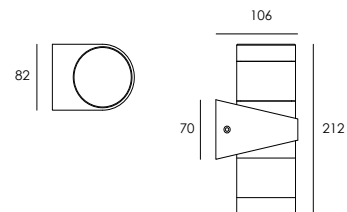
Surface Mounting Wall Light IP65



ITEM
D7BJ0125
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



HOUSING	12# Die-casting aluminum finishing or powder painting T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	PMMA T
LED DRIVER	Constant Voltage Input, Constant Current Output
LED	NICHIA COB
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

REGULAR PAINTING COLOR

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

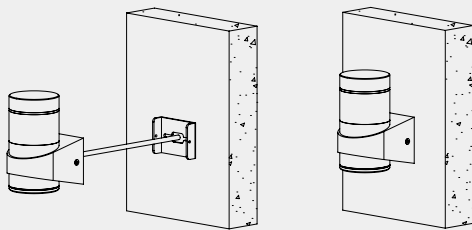


Softlight

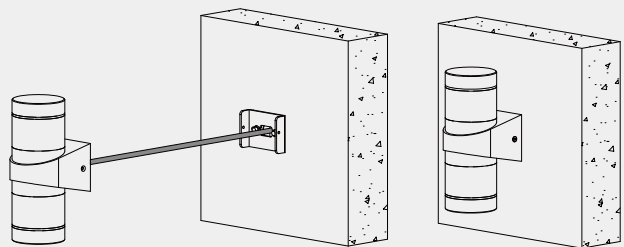
Surface Mounting Wall Light IP65

• DIAGRAM OF INSTRUCTION

D7BJ0125



D7BK0224

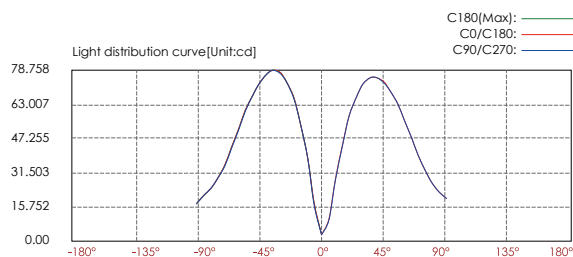
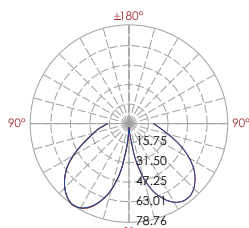


FEATURES



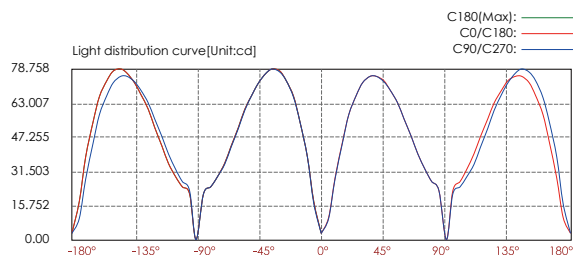
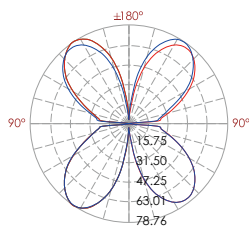
- Made of PMMA integrally formed and finished.

PHOTOMETRIC



Lux distance cure

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 cure

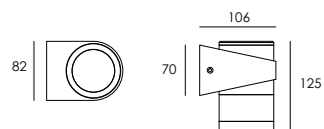
Center beam LUX	Beam width V
2m 0.71 LUX	621.0m
4m 0.18 LUX	1242.1m
6m 0.08 LUX	1863.1m
8m 0.04 LUX	2484.2m
10m 0.03 LUX	3105.2m
12m 0.02 LUX	3726.2m
Horiz.Spread: 179.4	Vert.Spread: 179.4

Softlight

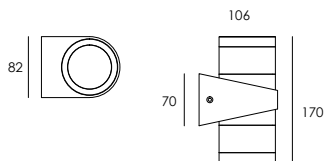
Surface Mounting Wall Light IP65



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



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



HOUSING	12# Die-casting aluminum finishing or powder painting T=60-80μm. Adhesion of ISO class 1/ASTM class 4B
REFLECTOR	OPTICS Reflector, efficiency≥85%
LIGHT WINDOW	PMMA T=6mm
LED DRIVER	Constant Voltage Input, Constant Current Output
LED	NICHIA COB
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

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°

IP65
OUTDOOR
RATED

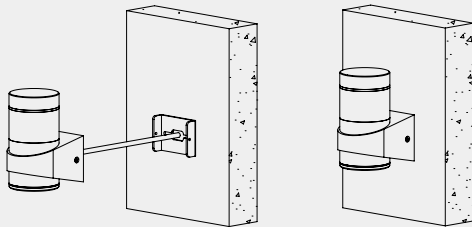


Softlight

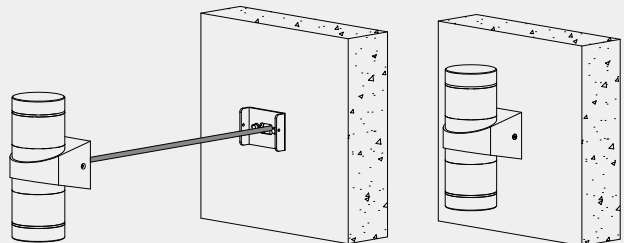
Surface Mounting Wall Light IP65

• DIAGRAM OF INSTRUCTION

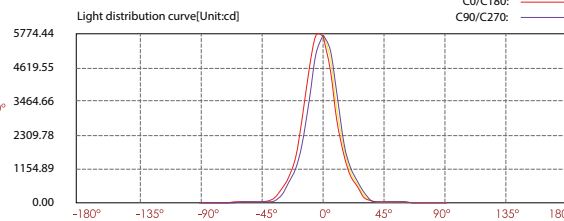
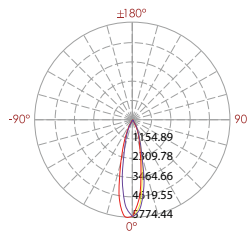
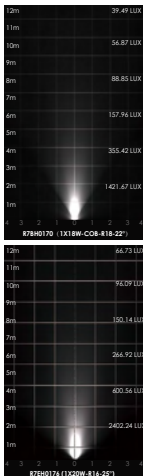
R7BF0127



D7BG0227



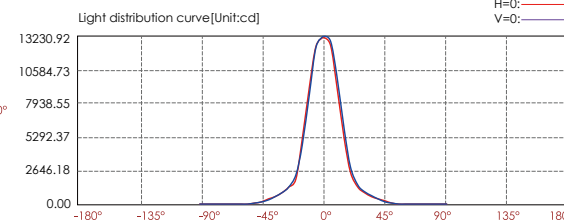
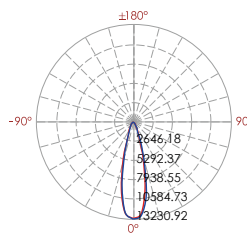
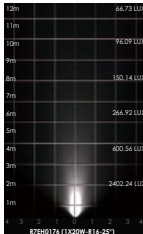
PHOTOMETRIC



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

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	



H=0°:
V=0°:

Lux distance cure

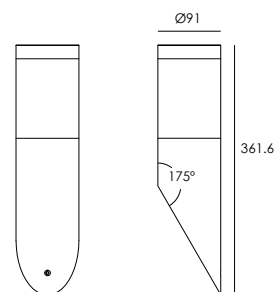
Illuminance at a Distance			
Center Beam LUX	Beam Width		
	V	H	
2m	3274.96 LUX	0.9m	0.9m
4m	818.74 LUX	1.9m	1.9m
6m	363.88 LUX	2.8m	2.8m
8m	204.68 LUX	3.8m	3.8m
10m	131.00 LUX	4.7m	4.7m
12m	90.97 LUX	5.6m	5.7m
Verf.Spread:26.4		Horiz.Spread:26.7	

Softlight

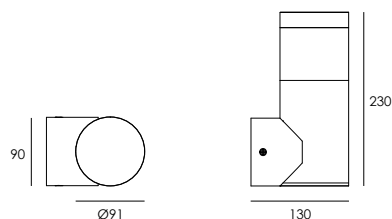
Surface Mounting Wall Light IP65



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



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



HOUSING MATERIAL	Extruded aluminum alloy #6063
PAINTING	Powder coating, T= 60-80 µm. Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	PMMA T=5mm
LED	GU-10 LED Lamp
OPERATING TEMPERATURE	-20°C- 40°C
POWER CABLE	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

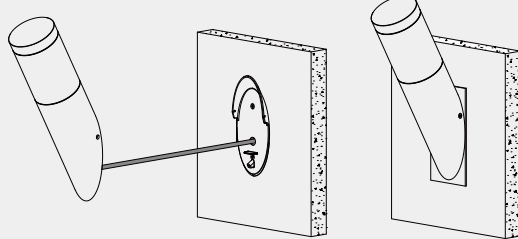
- Maximum power limit is according to GU-10 pin spec
- Input voltage is according to GU10 pin spec

Softlight

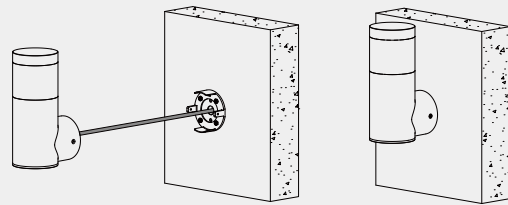
Surface Mounting Wall Light IP65

• DIAGRAM OF INSTRUCTION

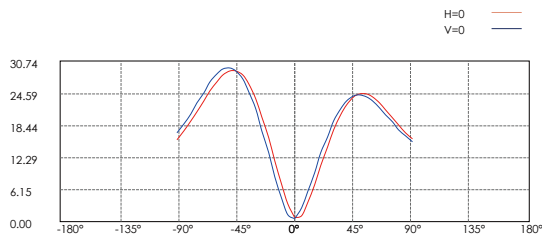
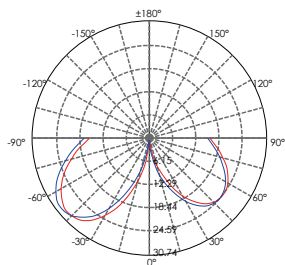
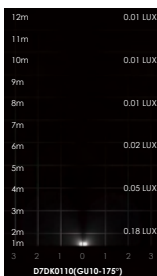
D7DK0110



D7FH0110



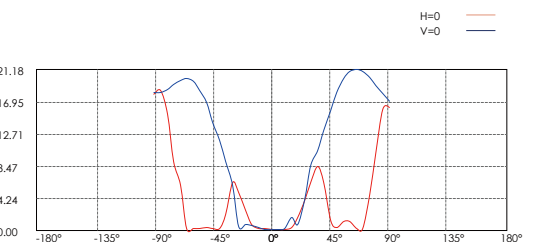
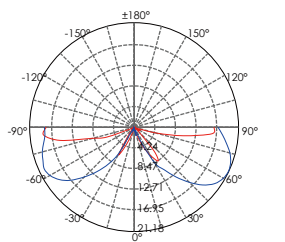
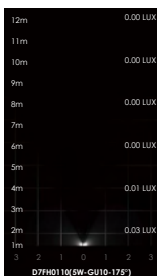
PHOTOMETRIC



Lux distance Curve

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

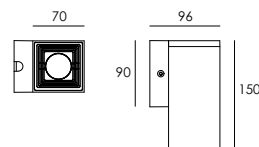
Vert. Spread: 176.9 Horiz. Spread: 176.9

Wall Washer

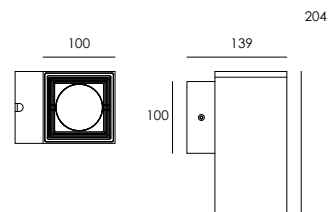
Surface Mounting Wall Light IP65



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



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



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
GASKET	Tooling shaped seal
LED DRIVER	Constant voltage input, constant current output
LED	NICHIA
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

REGULAR PAINTING COLOR

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

OPTICS

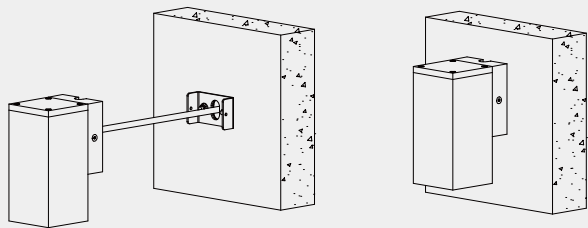
		Referenced Degree(°)θ1/2		
	R7	18°	24°	32°
	R17	12°	18°	32°



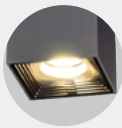
Wall Washer

Surface Mounting Wall Light IP65

• DIAGRAM OF INSTRUCTION



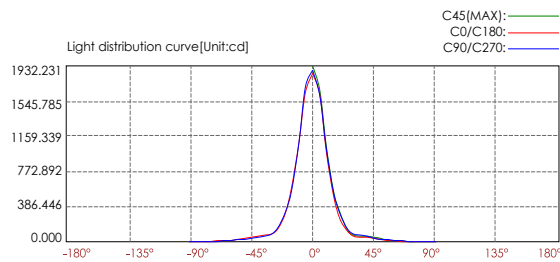
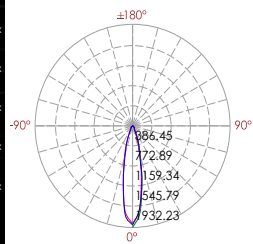
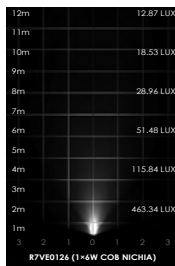
FEATURES



- Screwless cover

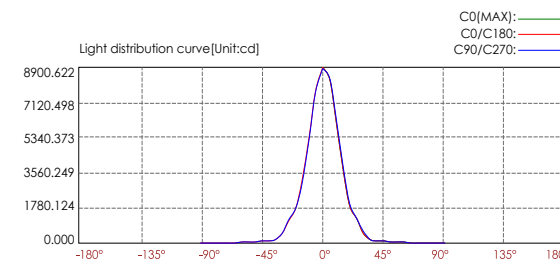
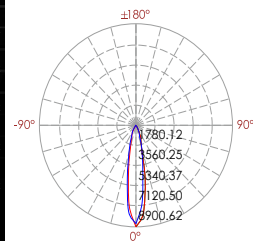


PHOTOMETRIC



Lux distance curve

Illuminance at a distance			
Center beam LUX	Beam width H	Beam width 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

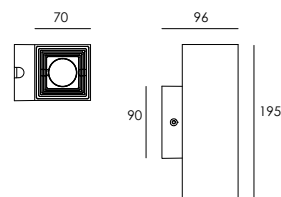
Illuminance at a distance			
Center beam LUX	Beam width H	Beam width V	
2m 2225.16 LUX	0.7m	0.7m	
4m 556.29 LUX	1.4m	1.4m	
6m 247.24 LUX	2.1m	2.1m	
8m 139.07 LUX	2.9m	2.8m	
10m 89.01 LUX	3.6m	3.5m	
12m 61.81 LUX	4.3m	4.2m	
Vert.Spread:19.7 Horiz.Spread:20.3			

Wall Washer

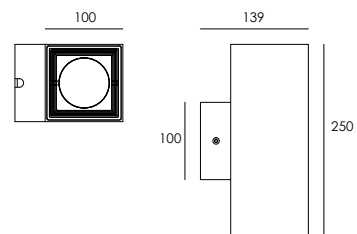
Surface Mounting Wall Light IP65



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



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



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
GASKET	Tooling shaped seal
LED DRIVER	Constant voltage input, constant current output
LED	NICHIA
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

REGULAR PAINTING COLOR

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

OPTICS

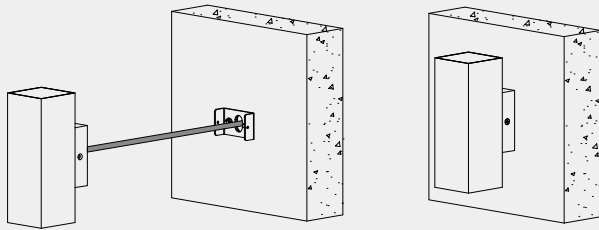
		Referenced Degree(°)θ1/2		
	R7	18°	24°	32°
	R17	12°	18°	32°



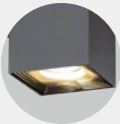
Wall Washer

Surface Mounting Wall Light IP65

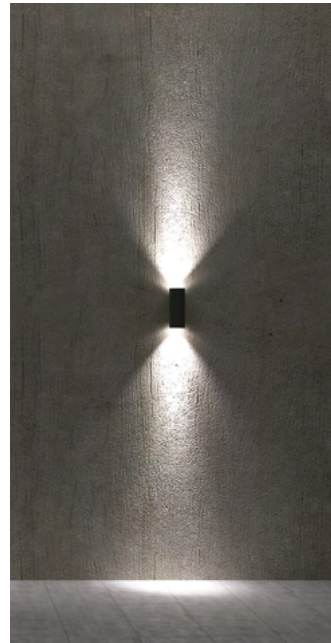
• DIAGRAM OF INSTRUCTION



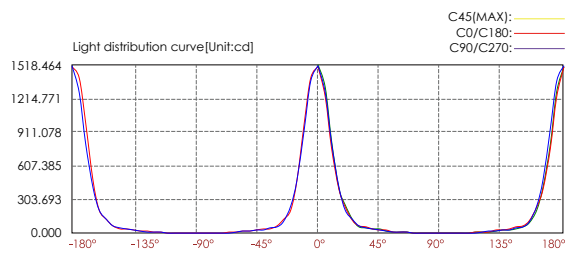
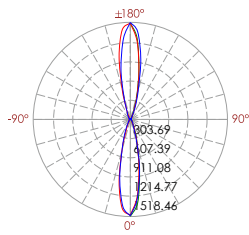
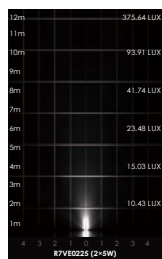
FEATURES



- Screwless cover



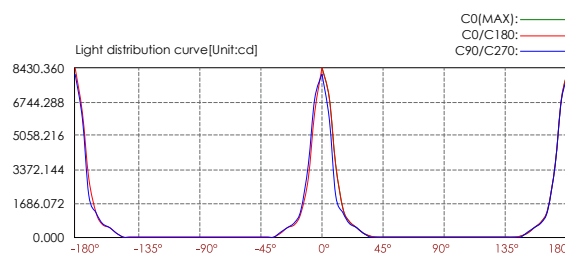
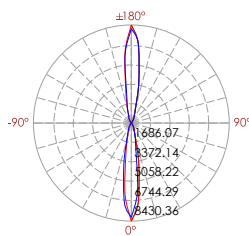
PHOTOMETRIC



Lux distance curve

Distance (m)	Center beam LUX	Beam width V (m)	Beam width H (m)
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

Distance (m)	Center beam LUX	Beam width V (m)	Beam width H (m)
2m	2107.59 LUX	0.6m	0.6m
4m	526.90 LUX	1.2m	1.2m
6m	234.18 LUX	1.8m	1.8m
8m	131.72 LUX	2.4m	2.4m
10m	84.30 LUX	3.0m	3.0m
12m	58.54 LUX	3.6m	3.6m

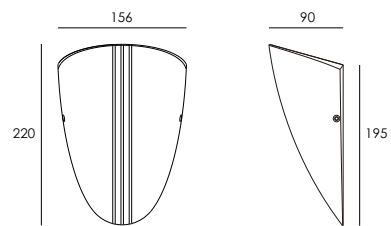
Ver.Spread: 16.7° Horiz.Spread: 17.6°

Wall Washer

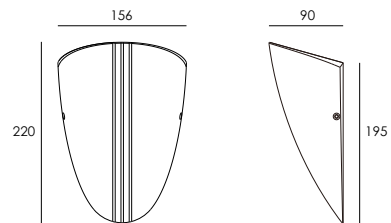
Surface Mounting Wall Light IP65



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



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



HOUSING

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

LIGHT WINDOW

Tempered glass, T=3.5mm

LED DRIVER

Constant voltage input, constant current output

LED

NICHIA

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



REGULAR PAINTING COLOR

Basic

Dark Grey
KAP 7037

Secondary

Silver Grey
KAP 9022

Sanded Black
RAL 9005

OPTICS

Referenced Degree(°)Θ1/2



R3

25°

B59

10°

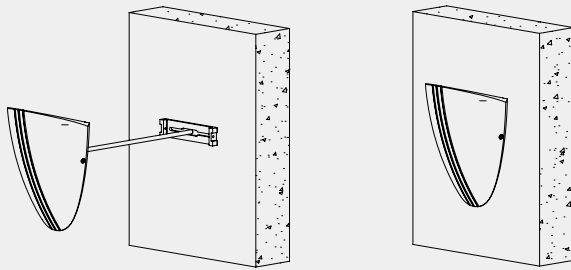
15°

22°

Wall Washer

Surface Mounting Wall Light IP65

• DIAGRAM OF INSTRUCTION



BEAM DEMO

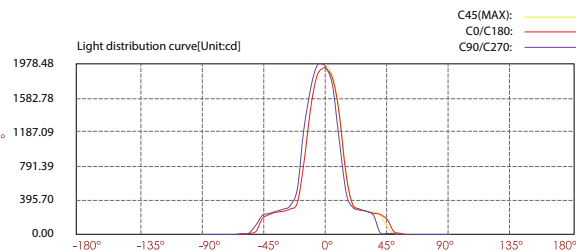
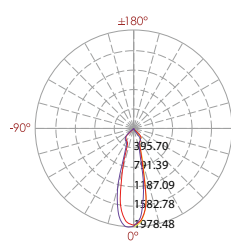
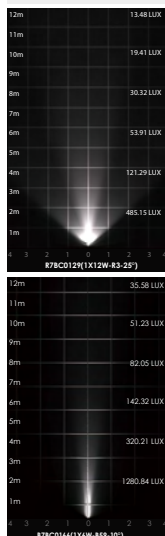


R7BC0129



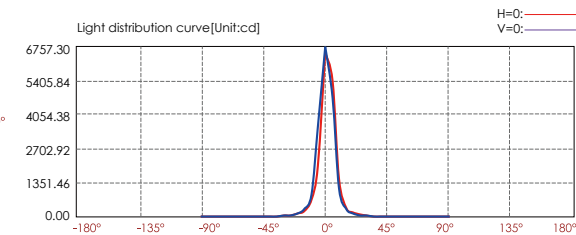
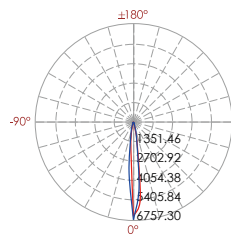
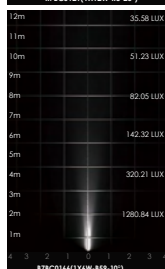
B7BC0166

PHOTOMETRIC



Lux distance curve

Illuminance at a distance		Beam width	
Center beam LUX	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	
Verf.Spread:28.0		Horiz.Spread:26.9	



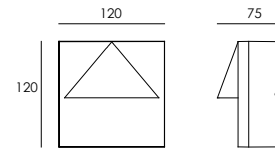
Lux distance curve

Illuminance at a Distance		Beam Width	
Center Beam LUX	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	
Verf.Spread:11.1		Horiz.Spread:12.2	

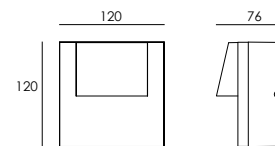
Surface Mounting Wall Light IP65



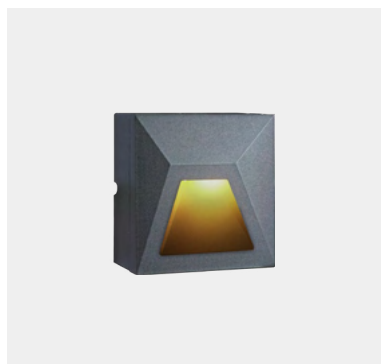
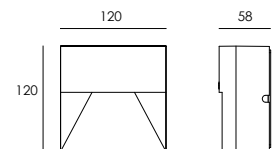
ITEM	
D7CY0934	
LIGHT SOURCE	
9×0.5W NICHIA	
INPUT VOLTAGE(V)	
DC 24 120 240	
OPERATING CURRENT(MA)	
DC 24=250 240=46	
CONSUMPTION(W)	
DC 24=6 240=6.3	
LUMINANCE(LM)	
199	
IK	
07	



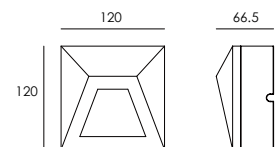
ITEM	
D7CX0934	
LIGHT SOURCE	
9×0.5W NICHIA	
INPUT VOLTAGE(V)	
DC 24 240	
OPERATING CURRENT(MA)	
DC 24=250 240=46	
CONSUMPTION(W)	
DC 24=6 240=6.3	
LUMINANCE(LM)	
142	
IK	
07	



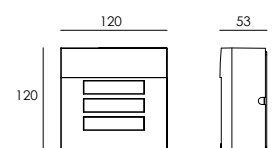
ITEM	
D7CZ0934	
LIGHT SOURCE	
9×0.5W NICHIA	
INPUT VOLTAGE(V)	
DC 24 240	
OPERATING CURRENT(MA)	
DC 24=250 240=46	
CONSUMPTION(W)	
DC 24=6 240=6.3	
LUMINANCE(LM)	
158	
IK	
06	



ITEM	
D7CN1434	
LIGHT SOURCE	
14×0.5W 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	
28×0.08W 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 2×1.0mm², 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

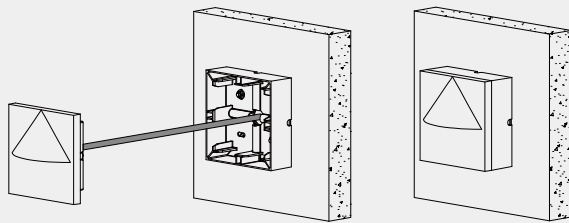
Secondary

Silver Grey
KAP 9022

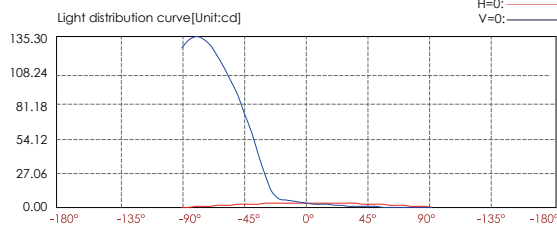
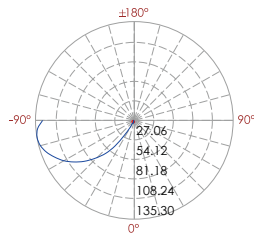
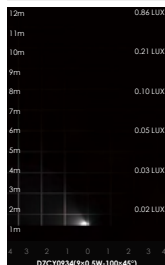
Sanded Black
RAL 9005

• DIAGRAM OF INSTRUCTION

D7CY0934



PHOTOMETRIC

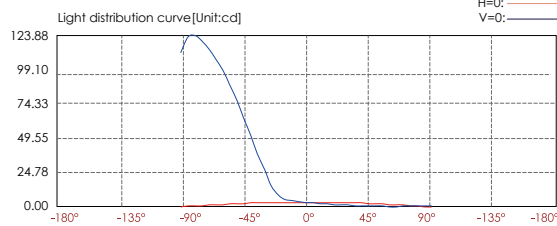
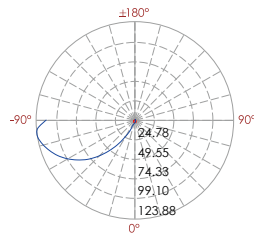


Light distribution curve[Unit:cd]

H=0: —
V=0: —

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

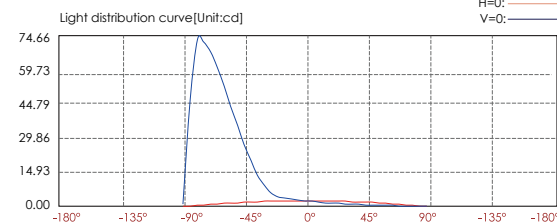
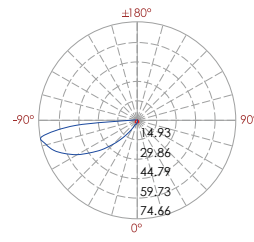


Light distribution curve[Unit:cd]

H=0: —
V=0: —

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

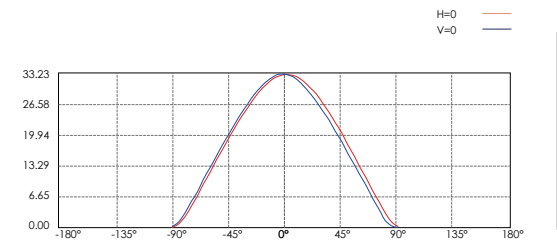
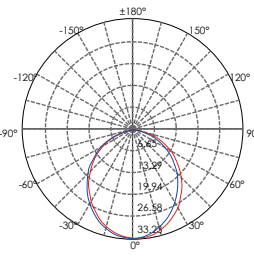


Light distribution curve[Unit:cd]

H=0: —
V=0: —

Center beam LUX	Beam width V	H
0.86 LUX	3.2m	1.3m
0.21 LUX	6.4m	2.6m
0.10 LUX	9.6m	3.8m
0.05 LUX	12.7m	5.1m
0.03 LUX	15.9m	6.4m
0.02 LUX	19.1m	7.7m

Ver.Spread:77.1 Horiz.Spread:35.5



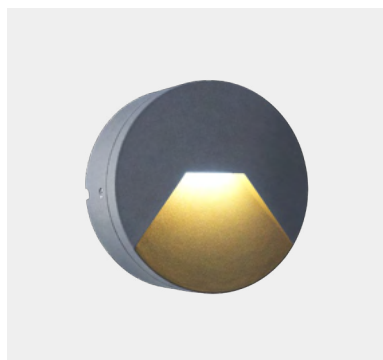
Light distribution curve[Unit:cd]

H=0: —
V=0: —

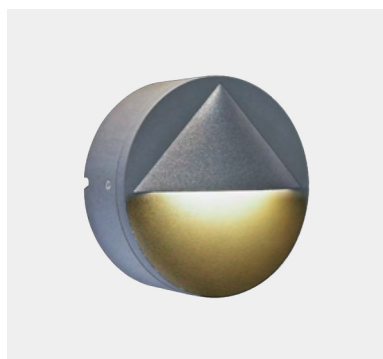
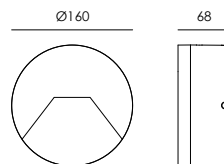
Center beam LUX	Beam width V	H
8.25 LUX	5.1m	3.7m
2.04 LUX	10.3m	7.5m
0.92 LUX	15.4m	11.2m
0.52 LUX	20.6m	15.0m
0.33 LUX	25.7m	18.7m
0.23 LUX	30.9m	22.4m

Ver.Spread:104.4 Horiz.Spread:44.2

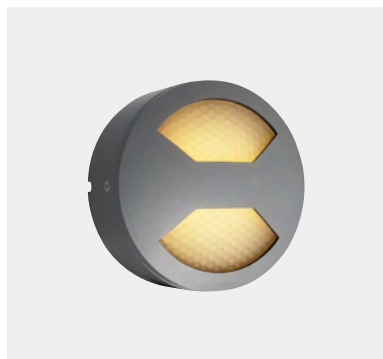
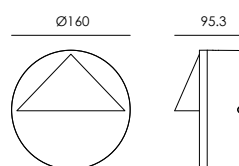
Surface Mounting Wall Light IP65



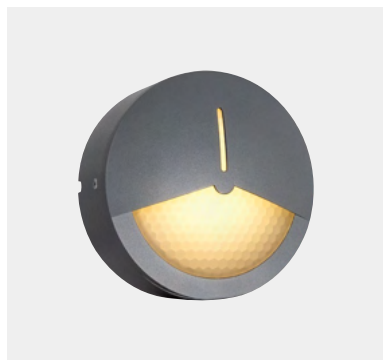
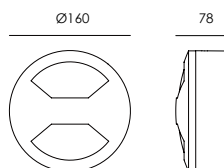
ITEM
D7LY1234
LIGHT SOURCE
12×0.5W NICHIA
INPUT VOLTAGE(V)
DC 24 120 240
OPERATING CURRENT(MA)
DC 24=250 240=45
CONSUMPTION(W)
DC 24=6 240=6
LUMINANCE(LM)
134
IK
09



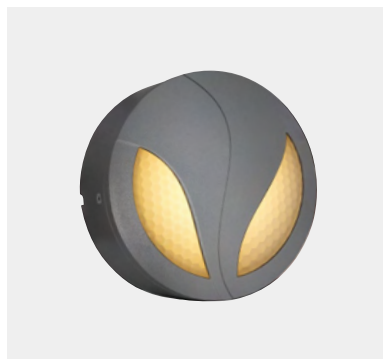
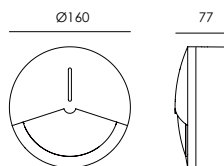
ITEM
D7LX1234
LIGHT SOURCE
12×0.5W NICHIA
INPUT VOLTAGE(V)
DC 24 120 240
OPERATING CURRENT(MA)
DC 24=330 120=91 240=49
CONSUMPTION(W)
DC 24=7.9 120=6.3 240=6.3
LUMINANCE(LM)
266
IK
08



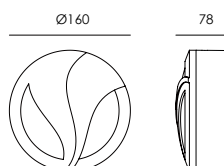
ITEM
D7KW3032
LIGHT SOURCE
30×0.07W EDISON
INPUT VOLTAGE(V)
DC 24 240
OPERATING CURRENT(MA)
DC 24=135 240=14
CONSUMPTION(W)
DC 24=3.2 240=3.2
LUMINANCE(LM)
101
IK
09



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 I/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 2×1.0mm², L=0.3m
120V/240V: H05RN-F 3×1.0mm², L=0.3m

REGULAR PAINTING COLOR

Basic

Dark Grey
KAP 7037

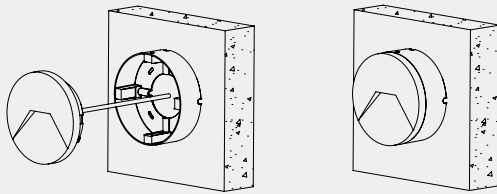
Secondary

Silver Grey
KAP 9022

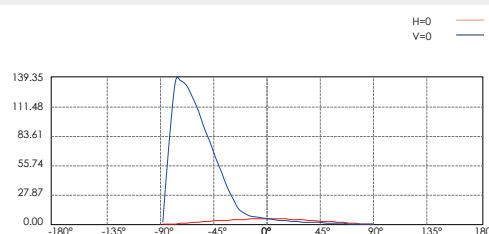
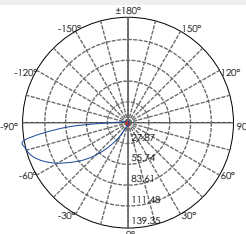
Sanded Black
RAL 9005

• DIAGRAM OF INSTRUCTION

D7L1234



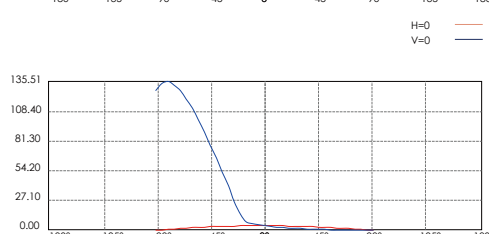
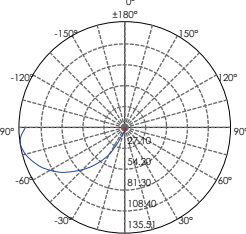
PHOTOMETRIC



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

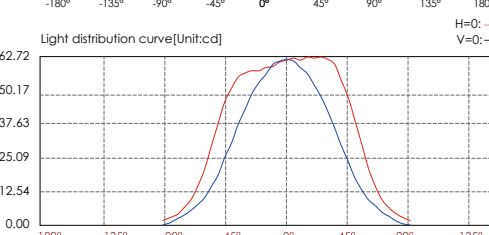
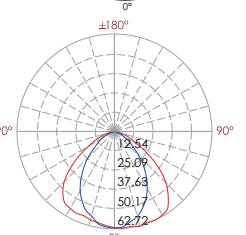
Vert.Spread:81.4 Horiz.Spread:38.9



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

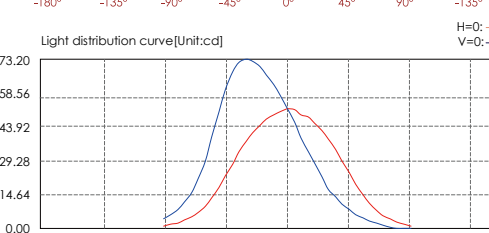
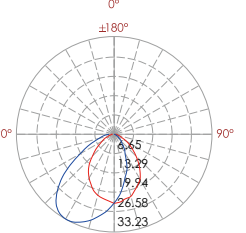
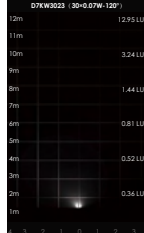
Vert.Spread:105.3 Horiz.Spread:47.8



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

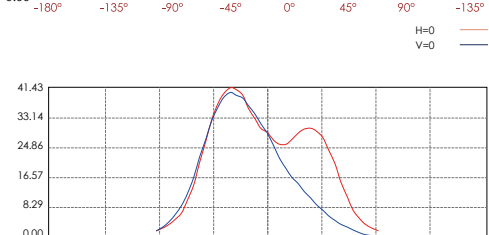
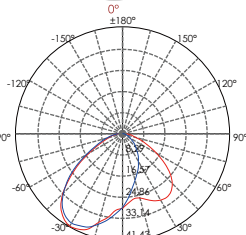
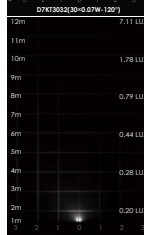
Vert.Spread:108.0 Horiz.Spread:84.4



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

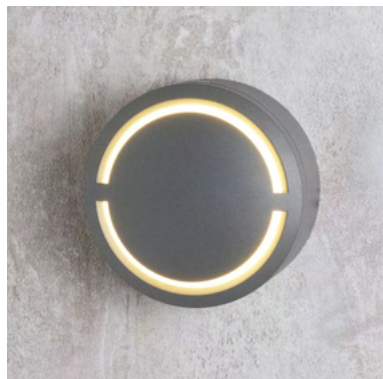


Lux distance Curve

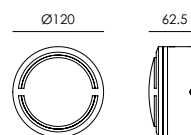
Illuminance at a Distance		
Center Beam LUX	Beam Width V	H
2m	7.11 LUX	5.1m 3.7m
4m	1.78 LUX	10.3m 7.5m
6m	0.79 LUX	15.4m 11.2m
8m	0.44 LUX	20.6m 15.0m
10m	0.28 LUX	25.7m 18.7m
12m	0.20 LUX	30.9m 22.4m

Vert.Spread:104.4 Horiz.Spread:86.2

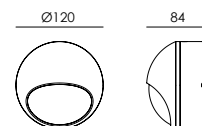
Surface Mounting Wall Light IP65



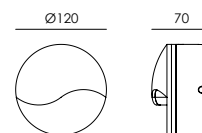
ITEM
D7AL2832
LIGHT SOURCE
28×0.1W EDISON
INPUT VOLTAGE(V)
DC 24 240
OPERATING CURRENT(MA)
DC 24=125 240=15
CONSUMPTION(W)
DC 24=3 240=3.5
LUMINANCE(LM)
18
IK
08



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



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



HOUSING	12# Die-casting dark grey powder coated aluminum T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	UVstop & Fireproof PC T=2.5mm
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

REGULAR PAINTING COLOR

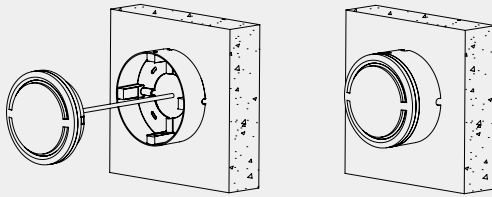
Basic	Secondary
Dark Grey KAP 7037	Silver Grey KAP 9022
	Sanded Black RAL 9005



Surface Mounting Wall Light IP65

• DIAGRAM OF INSTRUCTION

D7AL2832



BEAM DEMO



D7AL2832

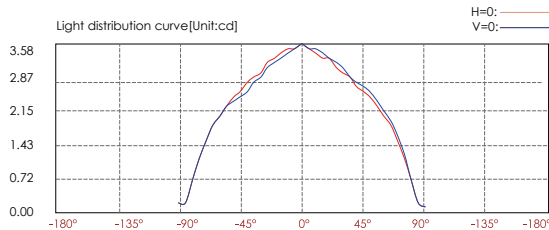
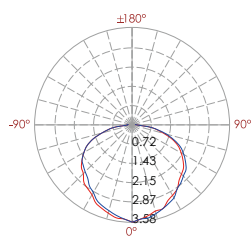


D7AK1833



D7AJ0634

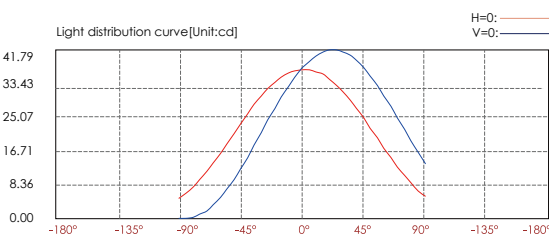
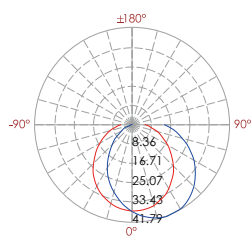
PHOTOMETRIC



Lux distance cure

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

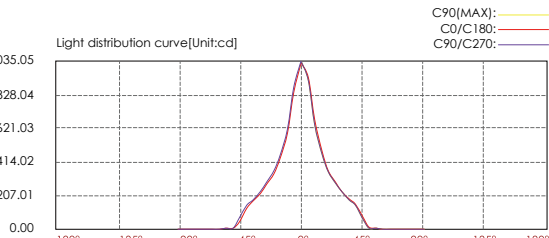
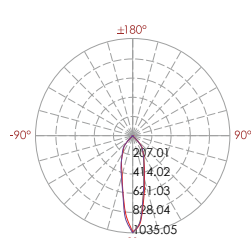
Ver.Spread:131.7 Horiz.Spread:133.3



Lux distance cure

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

Ver.Spread:110.5 Horiz.Spread:107.6



Lux distance cure

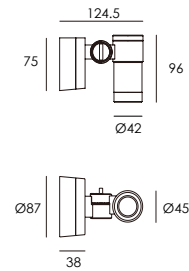
Distance (m)	Center beam LUX	Beam width V	Beam width H
2m	256.04 LUX	0.9m	0.9m
4m	64.01 LUX	1.9m	1.9m
6m	28.45 LUX	2.8m	2.8m
8m	16.00 LUX	3.8m	3.8m
10m	10.24 LUX	4.7m	4.7m
12m	7.11 LUX	5.7m	5.6m

Ver.Spread:26.5 Horiz.Spread:26.4

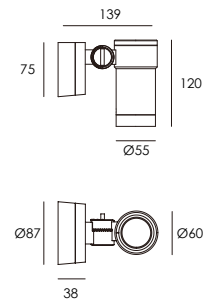
Spotlight surface Mounting Wall Light IP65



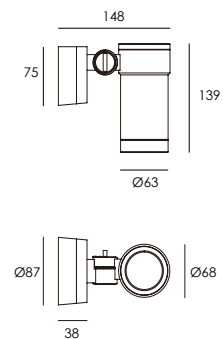
ITEM
B7TMD0158
LIGHT SOURCE
1×3W NICHIA
LENS
B33
SELECTED DEGREE(°)θ1/2
20°
INPUT VOLTAGE(V)
DC 24 120 240
OPERATING CURRENT(MA)
DC 24=170 120=45 240=26
CONSUMPTION(W)
DC 24=4.1 120=5.3 240=5.4
LUMINANCE(LM)
CW=305 WW=274
IK
06



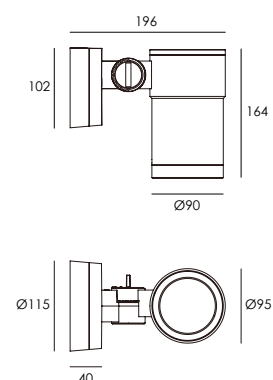
ITEM
B7TND0126
LIGHT SOURCE
1×6W NICHIA
LENS
B51
SELECTED DEGREE(°)θ1/2
28°
INPUT VOLTAGE(V)
DC 24 120 240
OPERATING CURRENT(MA)
DC 24=325 120=56 240=32
CONSUMPTION(W)
DC 24=7.8 120=6.7 240=6.8
LUMINANCE(LM)
CW=740 WW=667
IK
06



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

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

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	B7TND0126
				CA3011	B7TOD0128
				CA3012	B7TPD0171
					
108 74.3	139 98.3	164 117.4	190 135.2		

REGULAR PAINTING COLOR

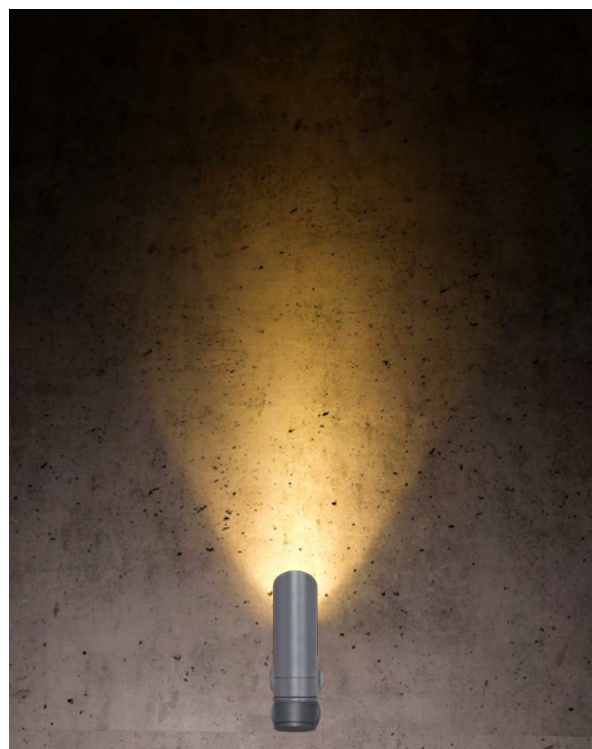
Basic	Secondary
 Dark Grey KAP 7037	 Silver Grey KAP 9022
	 Sanded Black RAL 9005

OPTICS

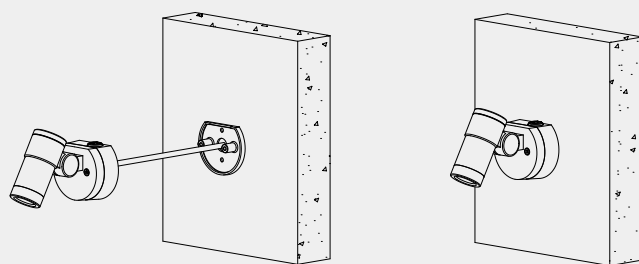
Referenced Degree(°)91/2

	B33	9°	15°	20°	45°	60°
	B51	20°	28°	36°	60°	
	B52	20°	36°			
	B66	15°	25°	38°		

BEAM DEMO



• DIAGRAM OF INSTRUCTION



Surface Mounting Wall Light IP65

OVERVIEW



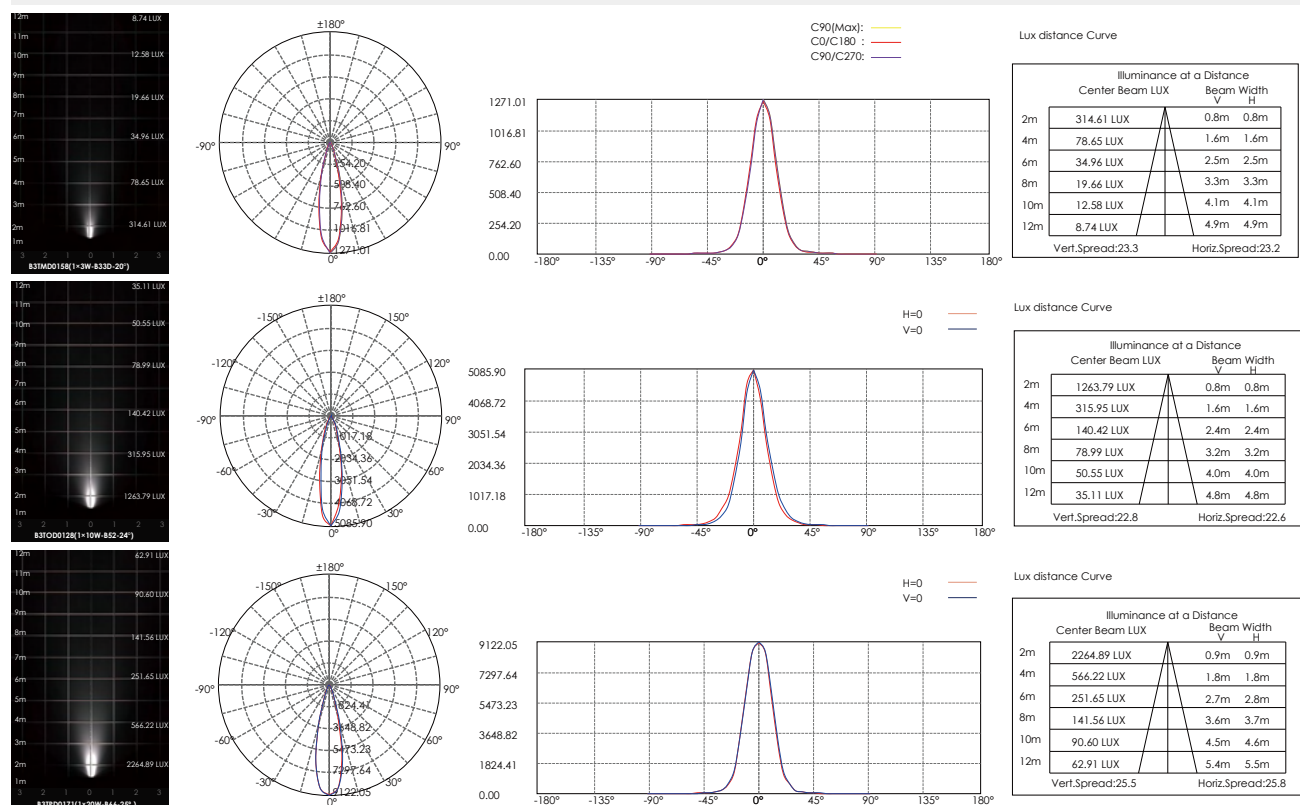
FAMILY ITEM APPLICATIONS

Spotlight



- See page 122

PHOTOMETRIC

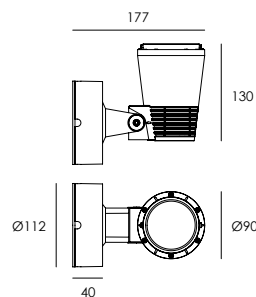


Flood Light

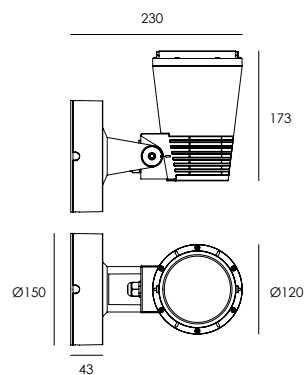
Surface Mounting Wall Light IP65



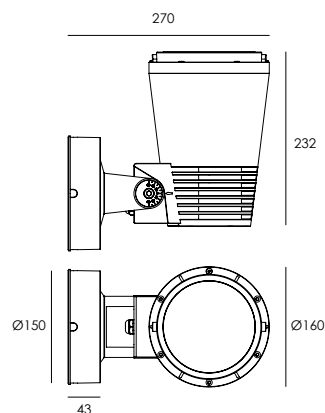
ITEM
R7DJM0169T
LIGHT SOURCE
1x16W COB
REFLECTOR
R17
SELECTED DEGREE(°)Ø1/2
32°
INPUT VOLTAGE(V)
DC 24 120 240
OPERATING CURRENT(MA)
DC 24=700 120=145 240=89
CONSUMPTION(W)
DC 24=17 120=18.4 240=18.5
LUMINANCE(LM)
CW=1900 WW=1763
IK
06



ITEM
R7CJM0171T
LIGHT SOURCE
1x20W COB
REFLECTOR
R19
SELECTED DEGREE(°)Ø1/2
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
1x40W COB
REFLECTOR
R16
SELECTED DEGREE(°)Ø1/2
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



HOUSING

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

LIGHT WINDOW

Tempered Glass, T=3mm

CABLE GLAND

IP68 PG-9 PA66

GASKET

Tooling shaped seal

LED

NICHIA

LED DRIVER

Constant Voltage Input, Constant Current Output

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

Referenced Degree(°)Ø1/2

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

TRIAC PWM 1-10V DALI

IP65
OUTDOOR
RATED

RoHS
COMPLIANT

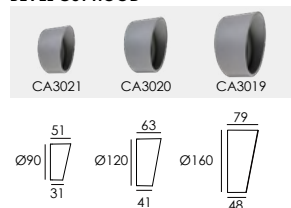
CE

Flood Light

Surface Mounting Wall Light IP65

ACCESSORIES(Optional)

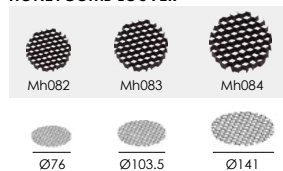
BEVEL CUT HOOD



I'D	Fitted Item
CA3021	R7DJU0169
CA3020	R7CJU0171
CA3019	R7BJU0176



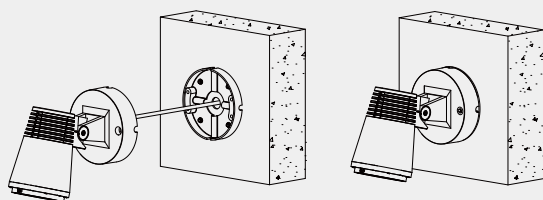
HONEYCOMB LOUVER



I'D	Fitted Item
Mh082	R7DJU0169
Mh083	R7CJU0171
Mh084	R7BJU0176



• DIAGRAM OF INSTRUCTION



OVERVIEW



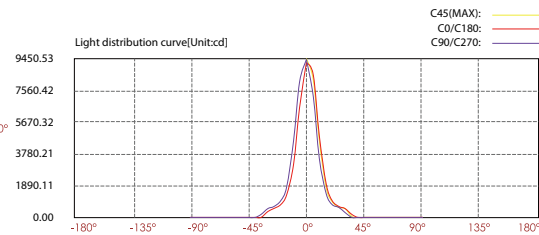
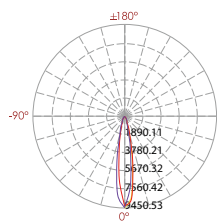
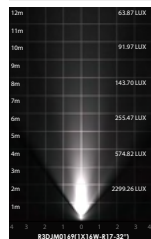
FAMILY ITEM APPLICATION

Spotlight



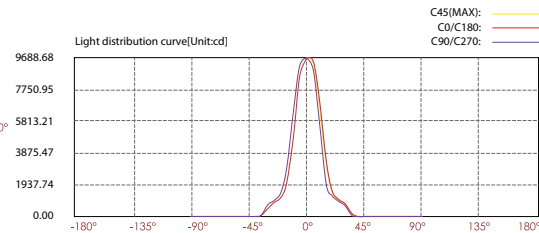
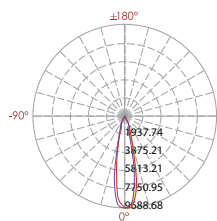
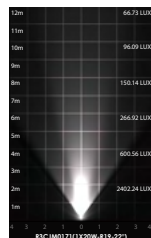
• See page 104

PHOTOMETRIC



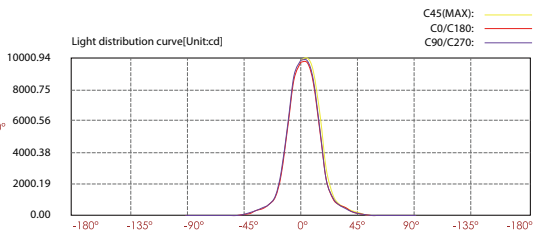
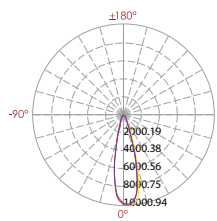
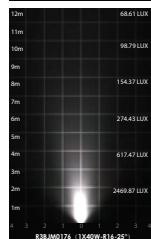
Lux distance curve

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



Lux distance curve

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



Lux distance curve

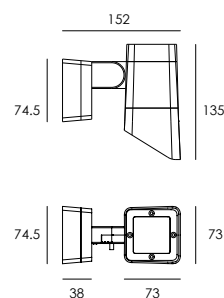
Center beam LUX	Beam width	
	V	H
2m 2469.87 LUX	0.9m	0.9m
4m 617.47 LUX	1.9m	1.9m
6m 274.43 LUX	2.8m	2.8m
8m 154.37 LUX	3.8m	3.7m
10m 98.79 LUX	4.7m	4.6m
12m 68.61 LUX	5.7m	5.6m

Spotlight

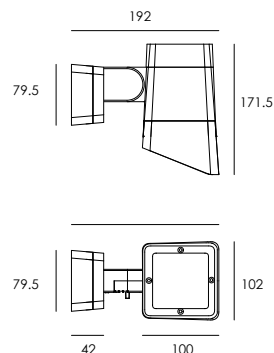
Surface Mounting Wall Light IP65



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



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



HOUSING

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

LIGHT WINDOW

Tempered Glass.T=3mm

CABLE GLAND

IP68 PG-9 PA66

GASKET

Tooling shaped seal

LED

NICHIA

LED DRIVER

Constant Voltage Input,Constant Current Output

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

Referenced Degree(°)θ1/2



B71

15°

24°

33°

45°

60°



FB11B4

9°

15°

20°

30°

45°

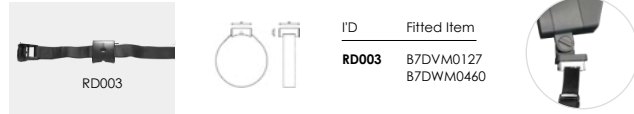
60°

Spotlight

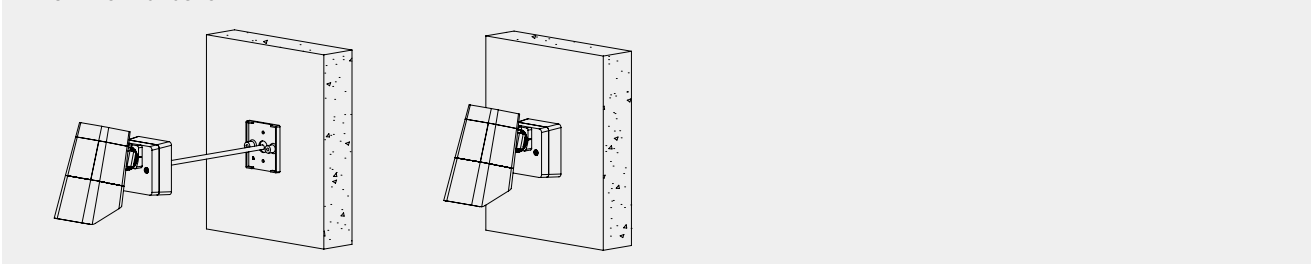
Surface Mounting Wall Light IP65

ACCESSORIES(Optional)

TREE POLE STRAP



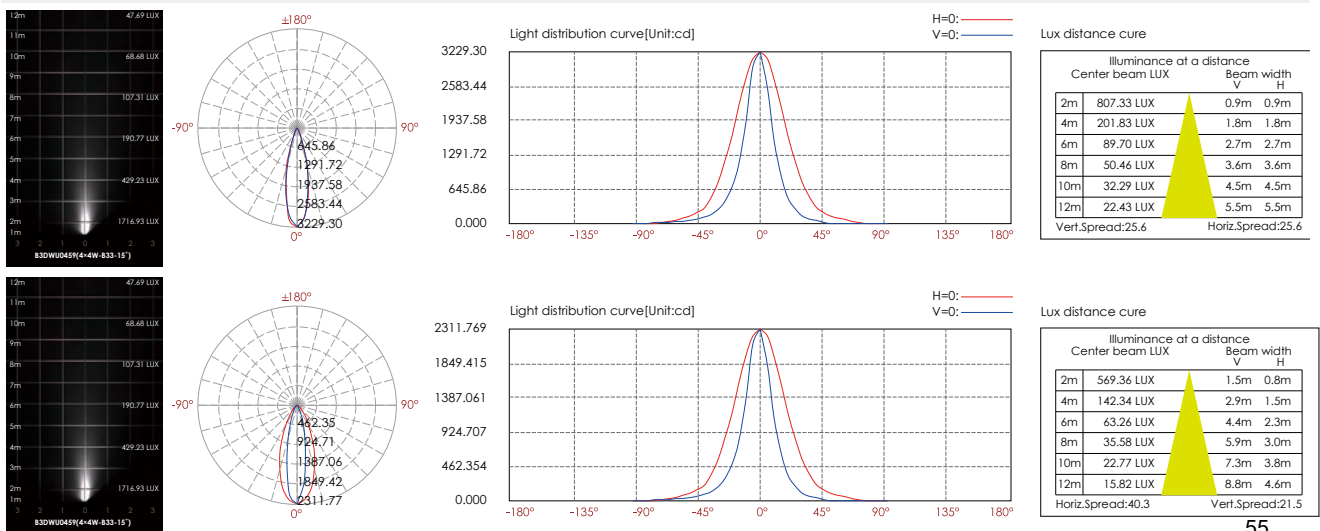
• DIAGRAM OF INSTRUCTION



OVERVIEW



PHOTOMETRIC

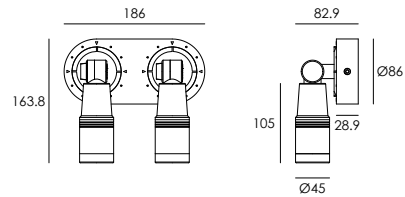


Spotlight

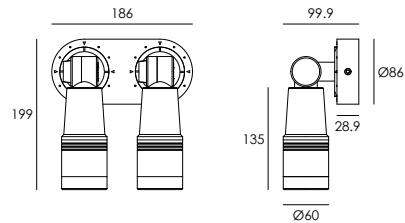
Surface Mounting Wall Light IP65



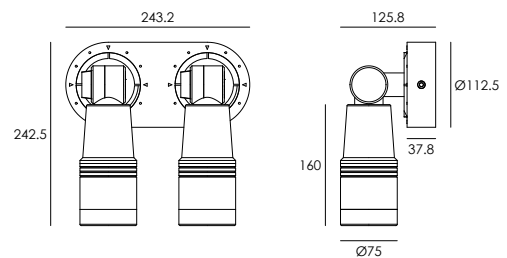
ITEM	B7ACE0258
LIGHT SOURCE	2×3W
LENS	B73
LENS DEGREE(°)Ø1/2	30°
INPUT VOLTAGE(V)	DC 24 120 240
OPERATING CURRENT(MA)	DC 24=324 120=90 240=520
CONSUMPTION(W)	DC 24=7.8 120=10.6 240=10.8
LUMINANCE(LM)	24V=288×2 240V=258×2
IK	04



ITEM	B7ADE0227
LIGHT SOURCE	2×8W
LENS	B71
LENS DEGREE(°)Ø1/2	33°
INPUT VOLTAGE(V)	DC 24 120 240
OPERATING CURRENT(MA)	DC 24=874 120=184 240=98
CONSUMPTION(W)	DC 24=20.8 120=22 240=21
LUMINANCE(LM)	DC 24=1051×2 240=968×2
IK	03



ITEM	B7AEE0269
LIGHT SOURCE	2×14W
LENS	B67
LENS DEGREE(°)Ø1/2	38°
INPUT VOLTAGE(V)	DC 24 240
OPERATING CURRENT(MA)	DC 24=1278 240=140
CONSUMPTION(W)	DC 24=30.6 240=33.2
LUMINANCE(LM)	DC 24=1705×2 240=1689×2
IK	05



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

LENS OPTICS lens, efficiency≥ 85%

LED NICHIA

LIGHT WINDOW Tempered glass. T=3mm

CABLE GLAND Nickel coated copper

GASKET Tooling shaped seal

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

LED DRIVER Constant voltage input, constant current output

OPERATING TEMPERATURE -20°C~40°C

POWER CABLE 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

Dark Grey
KAP 7037

Secondary

Silver Grey
KAP 9022

Sanded Black
RAL 9005

OPTICS

Referenced Degree(°)Ø1/2

		9°	15°	20°	45°	60°
	B33					
	B71	15°	24°	33°	45°	60°
	B67	15°	20°	25°	38°	50°
	B73	30°				

TRIAC PWM 1-10V DALI

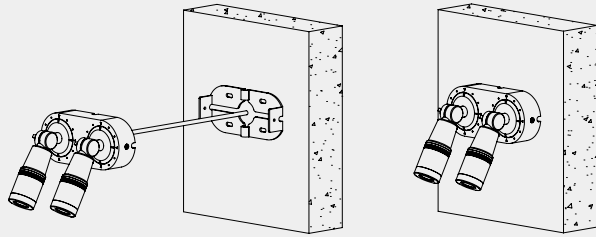
IP65
OUTDOOR
RATED

RoHS
COMPLIANT

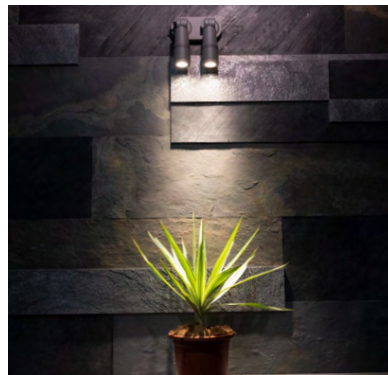
CE

Spotlight Surface Mounting Wall Light IP65

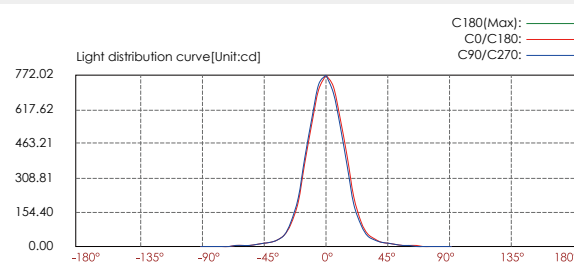
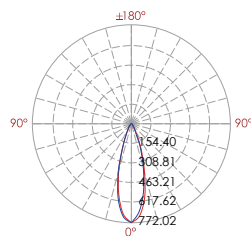
• DIAGRAM OF INSTRUCTION



APPLICATIONS DEMO



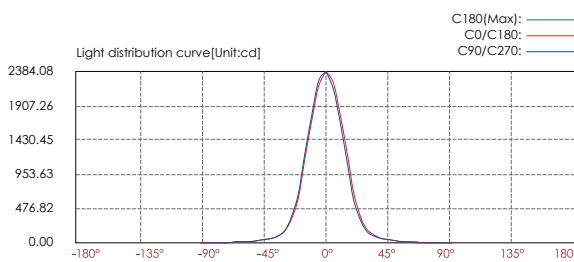
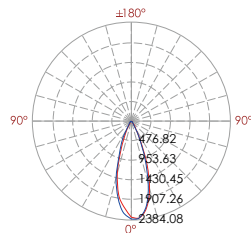
PHOTOMETRIC



Lux distance cure

Distance (m)	Center beam LUX	Beam width V (m)	Beam width H (m)
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

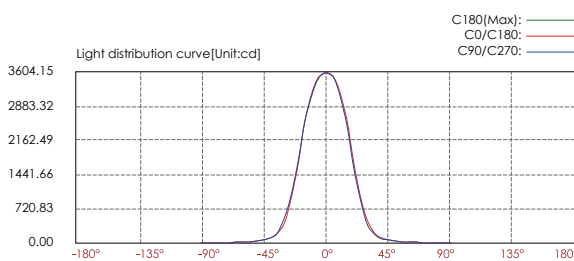
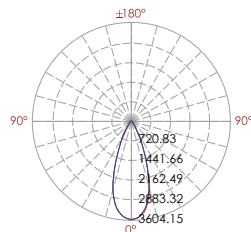
Vert.Spread: 30.2 Horiz.Spread: 29.6



Lux distance cure

Distance (m)	Center beam LUX	Beam width V (m)	Beam width H (m)
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

Distance (m)	Center beam LUX	Beam width V (m)	Beam width H (m)
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

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