



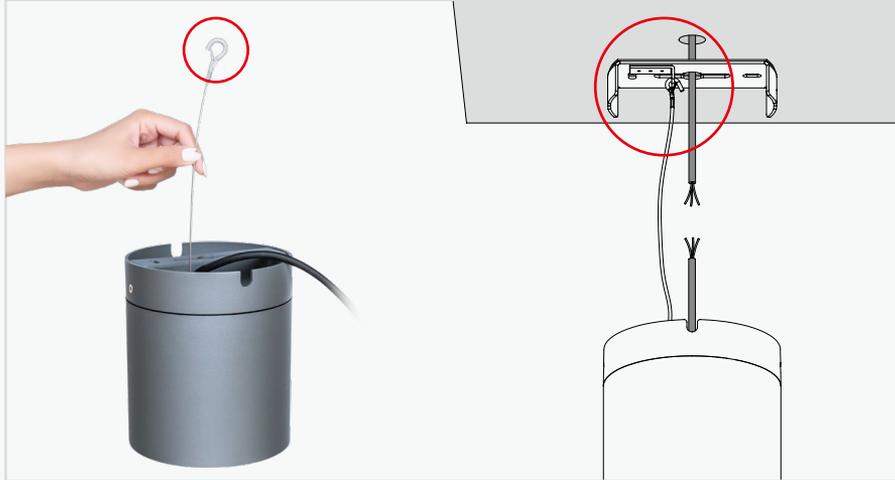
**Wall Mounting
Ceiling Down Light**

COMMON FEATURE

Safety Hanger

- When wiring, install the safety hanger on the ceiling mount. There is no need to remove the hanger after completion, which

Instructions for the use of safety hanger

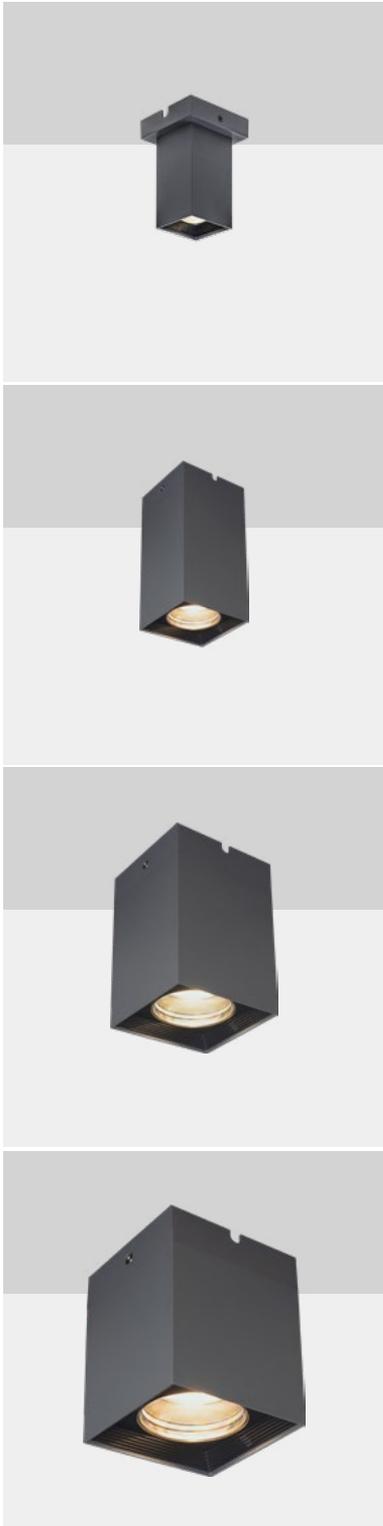


Upgraded Design and Performance

- 1 The outlooking is one-piece-formed with screwless cover.
- 2 Front cover is designed in stepped-shape which allow the light pattern diffuse evenly.

New ceiling down light appearance update instructions





ITEM
HX100TSCD1W-6

LIGHT SOURCE
1×6W

LENS / SELECTED DEGREE(°)Ø1/2
B71 / 60°

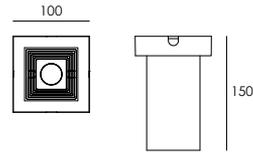
INPUT VOLTAGE(V)
DC 24 AC 240

OPERATING CURRENT(MA)
DC 24=330 AC 240=36

CONSUMPTION(W)
DC 24=7.9 AC 240=8

LUMINANCE(LM)
240=699

IK
08



ITEM
HX100TSCD1W-18

LIGHT SOURCE
1×18W

LENS / SELECTED DEGREE(°)Ø1/2
B66 / 55°

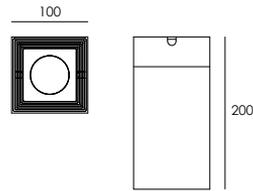
INPUT VOLTAGE(V)
DC 24 AC 120 AC 240

OPERATING CURRENT(MA)
DC 24=800 AC 120=178 AC 240=90

CONSUMPTION(W)
DC 24=19.2 AC 120=20 AC 240=20

LUMINANCE(LM)
240=2098

IK
08



ITEM
HX150TSCD1W-29

LIGHT SOURCE
1×29W

LENS / SELECTED DEGREE(°)Ø1/2
B57 / 60°

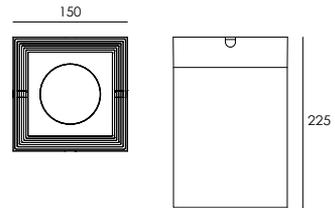
INPUT VOLTAGE(V)
DC 24 AC 240

OPERATING CURRENT(MA)
DC 24=1130 AC 240=146

CONSUMPTION(W)
DC 24=27 AC 240=31

LUMINANCE(LM)
AC 240=2777

IK
08



ITEM
HX200TSCD1W-40

LIGHT SOURCE
1×40W

LENS / SELECTED DEGREE(°)Ø1/2
B57 / 60°

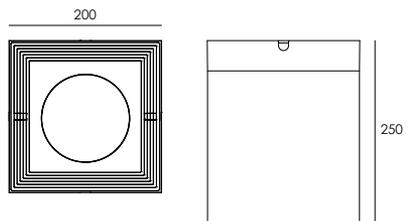
INPUT VOLTAGE(V)
DC 24 AC 240

OPERATING CURRENT(MA)
DC 24=1930 AC 240=190

CONSUMPTION(W)
DC 24=46 AC 240=45

LUMINANCE(LM)
AC 240=4620

IK
08



HOUSING MATERIAL Extruded aluminum alloy #6063

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

REFLECTOR

LED NICHIA

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

OPERATING TEMPERATURE -20°C~40°C

REGULAR PAINTING COLOR

Basic	Secondary
Dark Grey KAP 7037	Sanded Black RAL 9005
	Sanded White RAL 9003

OPTICS Referenced Degree(°)Ø1/2

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



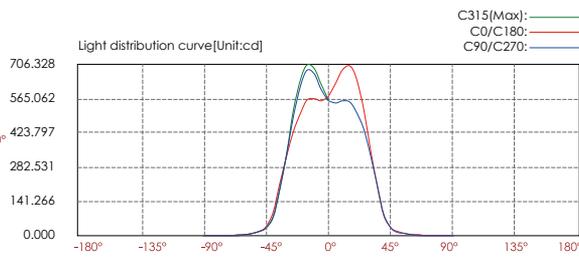
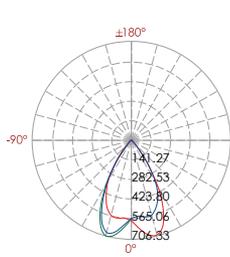
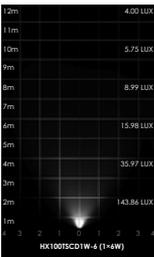
FEATURES



Safety hook

leave the hook for protection.

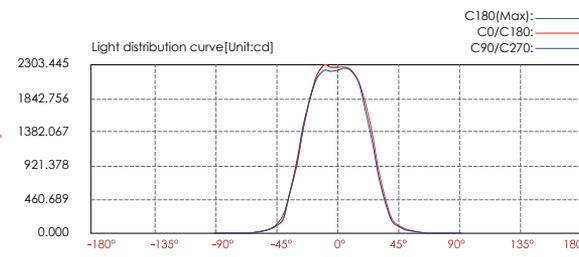
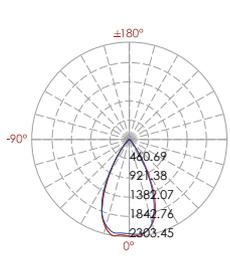
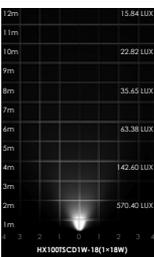
PHOTOMETRIC



Lux distance cure

Center beam LUX	Beam width V	Beam width H
2m	143.86 LUX	2.5m 2.5m
4m	35.97 LUX	5.1m 5.0m
6m	15.98 LUX	7.6m 7.5m
8m	8.99 LUX	10.2m 10.1m
10m	5.75 LUX	12.7m 12.6m
12m	4.00 LUX	15.3m 15.1m

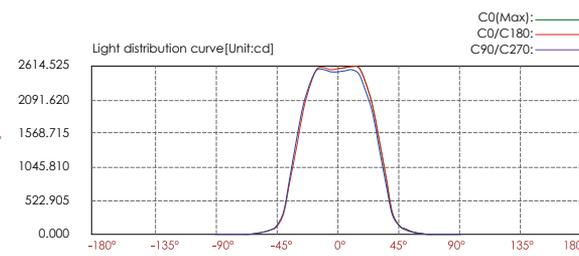
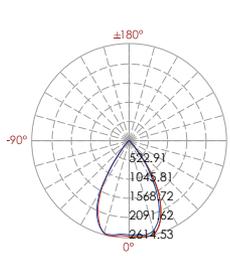
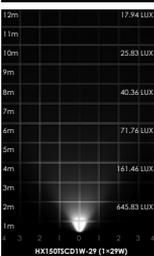
Horiz.Spread:64.9 Vert.Spread:64.4



Lux distance cure

Center beam LUX	Beam width V	Beam width H
2m	570.40 LUX	2.1m 2.1m
4m	142.60 LUX	4.2m 4.2m
6m	63.38 LUX	6.3m 6.3m
8m	35.45 LUX	8.4m 8.4m
10m	22.82 LUX	10.5m 10.4m
12m	15.84 LUX	12.7m 12.5m

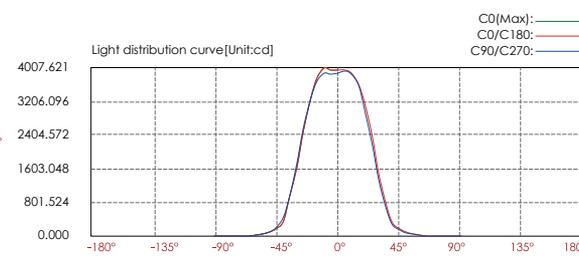
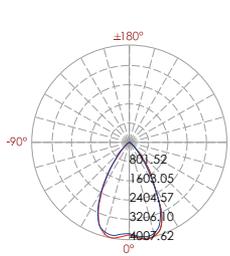
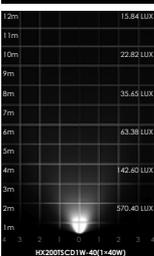
Horiz.Spread:55.6 Vert.Spread:55.2



Lux distance cure

Center beam LUX	Beam width V	Beam width H
2m	645.83 LUX	2.5m 2.5m
4m	161.46 LUX	4.9m 4.9m
6m	71.76 LUX	7.4m 7.4m
8m	40.36 LUX	9.9m 9.8m
10m	25.83 LUX	12.3m 12.3m
12m	17.94 LUX	14.8m 14.7m

Horiz.Spread:63.3 Vert.Spread:63.0



Lux distance cure

Center beam LUX	Beam width V	Beam width H
2m	570.40 LUX	2.1m 2.1m
4m	142.60 LUX	4.2m 4.2m
6m	63.38 LUX	6.3m 6.3m
8m	35.45 LUX	8.4m 8.4m
10m	22.82 LUX	10.5m 10.4m
12m	15.84 LUX	12.7m 12.5m

Horiz.Spread:55.6 Vert.Spread:55.2



ITEM
HX120TSCD1W-14

LIGHT SOURCE
4×3.5W

SELECTED DEGREE(°)θ1/2
30°

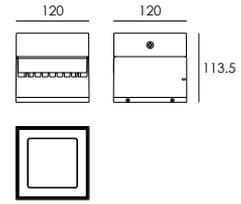
INPUT VOLTAGE(V)
DC 24 AC 120 AC 240

OPERATING CURRENT(MA)
DC 24=630 AC 120=146 AC 240=73

CONSUMPTION(W)
DC 24=15 AC 120=17.5 AC 240=17

LUMINANCE(LM)
1206

IK
05



ITEM
HX160TSCD1W-18

LIGHT SOURCE
9×3W

SELECTED DEGREE(°)θ1/2
30°

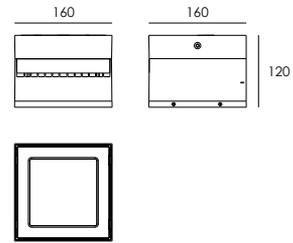
INPUT VOLTAGE(V)
DC 24 AC 120 AC 240

OPERATING CURRENT(MA)
DC 24=1170 AC 120=245 AC 240=133

CONSUMPTION(W)
DC 24=28 AC 120=29.8 AC 240=29.6

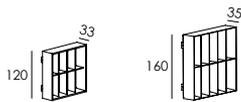
LUMINANCE(LM)
2541

IK
06

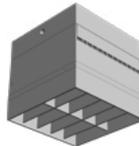


ACCESSORIES (Optional)

BEVEL CUT HOOD



ID	Fitted Item
CA3026	HX120TSCD1W-14
CA3027	HX160TSCD1W-18



HOUSING MATERIAL Extruded aluminum alloy #6063

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

REFLECTOR

LED NICHIA

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

OPERATING TEMPERATURE -20°C~40°C

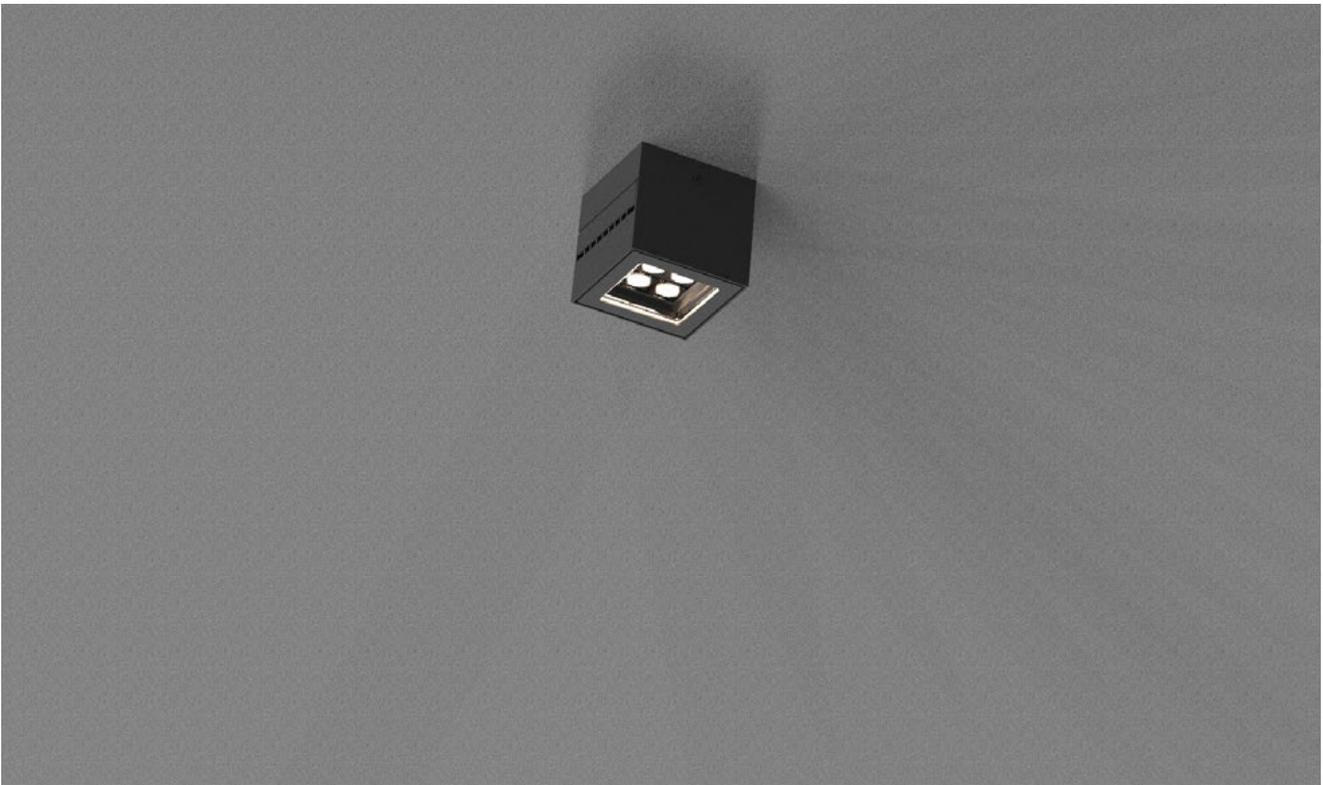
REGULAR PAINTING COLOR

Basic	Secondary
Dark Grey KAP 7037	Sanded Black RAL 9005
	Sanded White RAL 9003

OPTICS

Referenced Degree(°)θ1/2

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



FAMILY ITEM APPLICATIONS
Spotlight



HX120TSSF4G-14
• See page 112



HX120TSSF4G-27



HX120TSSF4G-75

Surface Mounting Wall Light

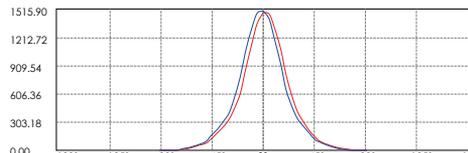
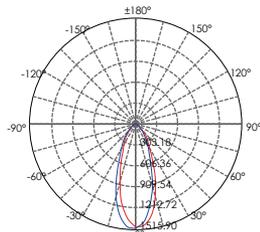
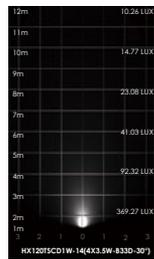


HX150TSSM5G-14
• See page 50



HX200TSSM5G-27

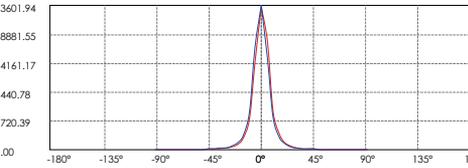
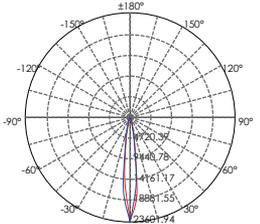
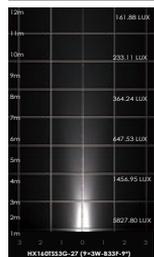
PHOTOMETRIC



Lux distance Curve

Illuminance at a Distance			
Center Beam LUX	Beam Width		
	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

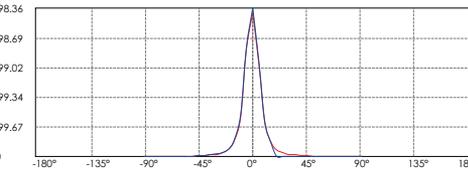
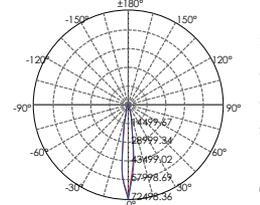
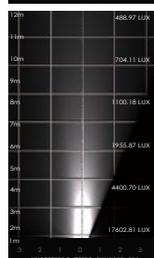
Vert.Spread:38.6 Horiz.Spread:39.0



Lux distance Curve

Illuminance at a Distance			
Center Beam LUX	Beam Width		
	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



Lux distance Curve

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

Vert.Spread:13.8 Horiz.Spread:14.2



ITEM
HX130TCCD1W-18

LIGHT SOURCE
1×18W

LENS / SELECTED DEGREE(°)Ø1/2
B66 / 55°

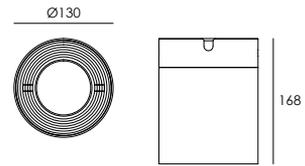
INPUT VOLTAGE(V)
DC 24 AC 240

OPERATING CURRENT(MA)
DC 24=840 AC 240=91

CONSUMPTION(W)
DC 24=20.4 AC 240=20.9

LUMINANCE(LM)
AC 240=2205

IK
06



ITEM
HX160TCCD1W-30

LIGHT SOURCE
1×30W

LENS / SELECTED DEGREE(°)Ø1/2
B57 / 60°

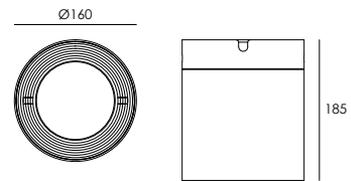
INPUT VOLTAGE(V)
DC 24 AC 120 AC 240

OPERATING CURRENT(MA)
DC 24=1130 AC 120=286 AC 240=151

CONSUMPTION(W)
DC 24=27 AC 120=34.5 AC 240=34.2

LUMINANCE(LM)
AC 240=2851

IK
06



ITEM
HX200TCCD1W-48

LIGHT SOURCE
1×48W

LENS / SELECTED DEGREE(°)Ø1/2
B57 / 60°

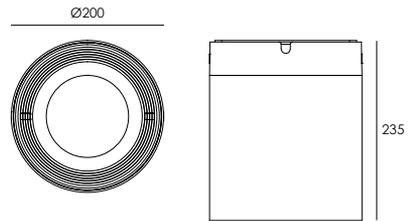
INPUT VOLTAGE(V)
AC 240

OPERATING CURRENT(MA)
AC 240=216

CONSUMPTION(W)
AC 240=50

LUMINANCE(LM)
AC 240=4482

IK
06



ACCESSORIES(Optional)

HONEYCOMB LOUVER



ID	Fitted Item
Mh074	HX130TCCD1W-18
Mh072	HX160TCCD1W-30
Mh066	HX200TCCD1W-48



HOUSING MATERIAL Extruded aluminum alloy #6063

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

LIGHT WINDOW Glass T=3mm

REFLECTOR

LED NICHIA

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

OPERATING TEMPERATURE -20°C~40°C

REGULAR PAINTING COLOR

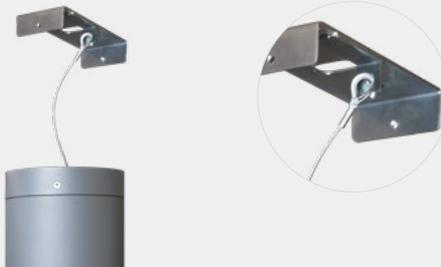
Basic: Dark Grey KAP 7037

Secondary: Sanded Black RAL 9005, Sanded White RAL 9003

OPTICS Referenced Degree(°)θ1/2

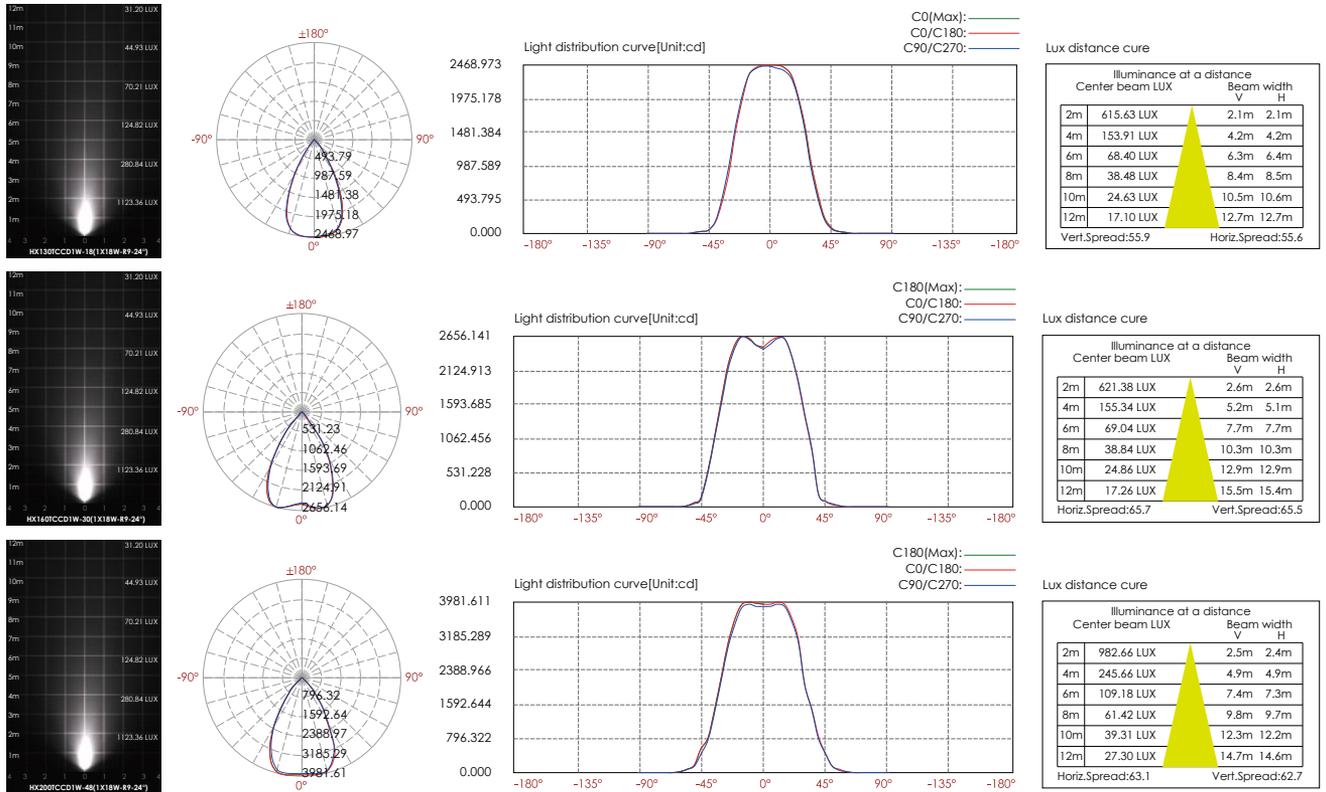
	B66	15°	20°	25°	38°	55°
	B57	15°	25°	36°	60°	

FEATURES



Safety hook
leave the hook for protection.

PHOTOMETRIC





ITEM
HX120TCCD1W-7

LIGHT SOURCE
28×0.25W

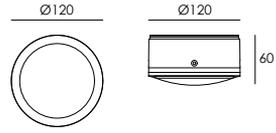
INPUT VOLTAGE(V)
DC 24 AC 240

OPERATING CURRENT(MA)
DC 24=333 AC 240=37

CONSUMPTION(W)
DC 24=8 AC 240=8.8

LUMINANCE(LM)
DC 24=390 AC 240=550

IK
08



ITEM
HX160TCCD1W-15

LIGHT SOURCE
30×0.5W

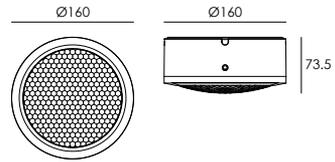
INPUT VOLTAGE(V)
DC 24 AC 240

OPERATING CURRENT(MA)
DC 24=625 AC 240=61

CONSUMPTION(W)
15

LUMINANCE(LM)
770

IK
09



HOUSING MATERIAL Extruded aluminum alloy #6063

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

FRONT COVER PMMA T=2.5mm

LED EDISON

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

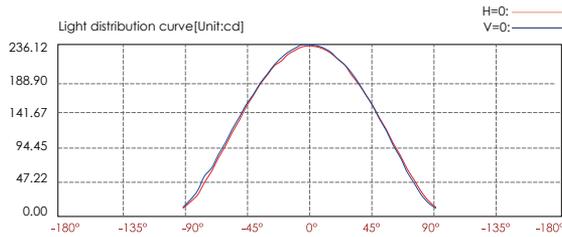
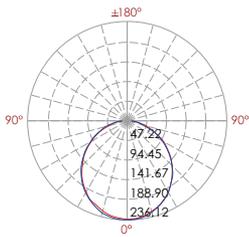
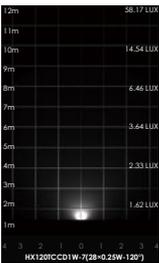
OPERATING TEMPERATURE -20°C~40°C

REGULAR PAINTING COLOR

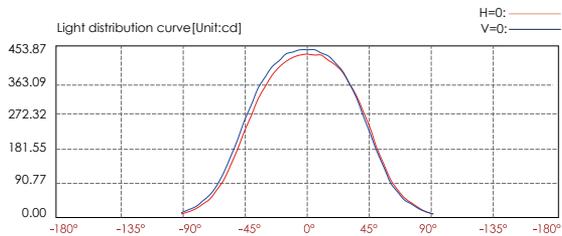
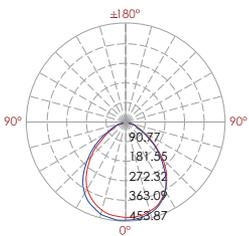
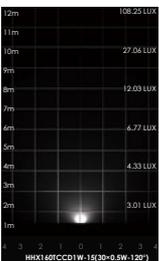
Basic Dark Grey KAP 7037

Secondary Sanded Black RAL 9005 | Sanded White RAL 9003

PHOTOMETRIC



Ver.Spread:109.2 Horiz.Spread:110.0



Ver.Spread:91.2 Horiz.Spread:92.4

