





Spotlight

COMMON FEATURE

Standard IP66 Water-stoppers & optional IP67 connectors



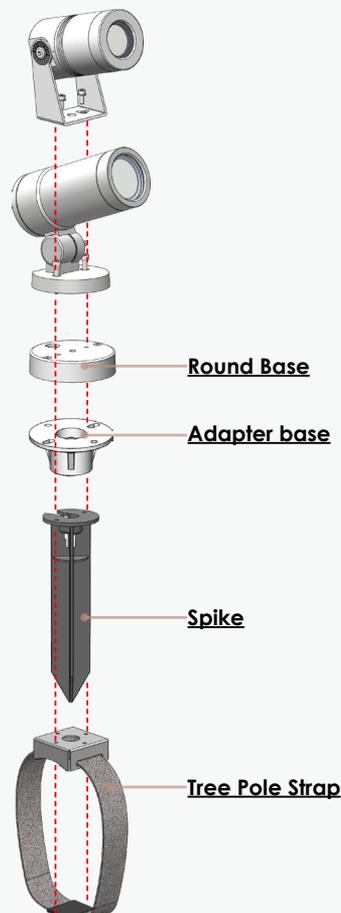
- A Water-Stopper(Included)**
The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is required to block the entry of water vapor.
- B IP67 Jiffy quick plug/socket connector(Option)**
To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

Systematization and modularization of accessories

Switchable accessory

- Systematized the assembling of combinations.

screw holes on products and accessories which provides vary setting



Multiple assembly & functional appliance

Lens & Hood Louver



Adjustment dials

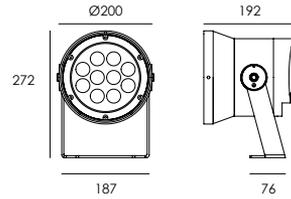
Bracket gear shaft diagram

- All adjustment dials are geared to prevent loosening, and easy to control angle.

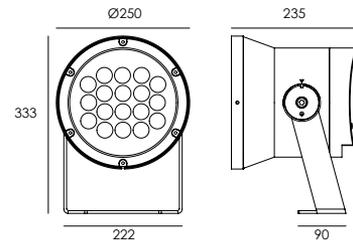




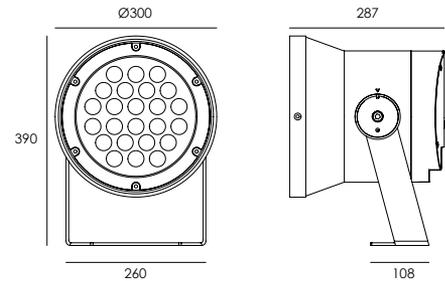
ITEM	HX200TCS1G-45
LIGHT SOURCE	10×4.5W
LENS	B92
SELECTED DEGREE(°)Ø1/2	20°
INPUT VOLTAGE(V)	AC 240
OPERATING CURRENT(MA)	214
CONSUMPTION(W)	50
LUMINANCE(LM)	4210
IK	07



ITEM	HX250TCS1G-81
LIGHT SOURCE	18×4.5W
LENS	B92
SELECTED DEGREE(°)Ø1/2	20°
INPUT VOLTAGE(V)	AC 240
OPERATING CURRENT(MA)	385
CONSUMPTION(W)	90
LUMINANCE(LM)	7771
IK	07



ITEM	HX300TCS1G-108
LIGHT SOURCE	24×4.5W
LENS	B92
SELECTED DEGREE(°)Ø1/2	20°
INPUT VOLTAGE(V)	AC 240
OPERATING CURRENT(MA)	570
CONSUMPTION(W)	135
LUMINANCE(LM)	11234
IK	07



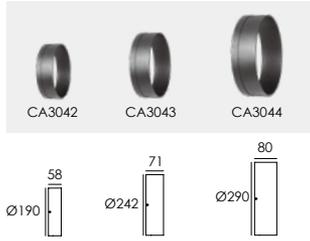
WATER PROOF SOLUTION



- A Water-Stopper(Included)**
A IP-66 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.
- B IP67 Jiffy quick plug/socket connector(Optional)**
A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

ACCESSORIES (Optional)

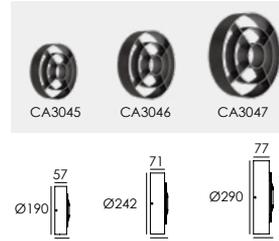
HOOD



ID	Fitted Item
CA3042	HX200TCS1G-45
CA3043	HX250TCS1G-81
CA3044	HX300TCS1G-108



ANTI GLARE LOUVER



ID	Fitted Item
CA3045	HX200TCS1G-45
CA3046	HX250TCS1G-81
CA3047	HX300TCS1G-108



HOUSING

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

BRACKET

Iron powder coated.
T=2.5mm: HX200TCS1G-45
T=4.5mm: HX250TCS1G-81
T=5mm: HX300TCS1G-108

LIGHT WINDOW

Tempered glass.T=3mm

LED

NICHIA

LED DRIVER

Constant Voltage Input, Constant Current Output

CABLE GLAND

IP68 PG-11 PA66

GASKET

Tooling shaped seal

POWER CABLE

Outside of luminaire
12V/24V: H07RN-F 2×1.0mm², L=2.0m
120V/240V: H07RN-F 3×1.0mm², L=2.0m

REGULAR PAINTING COLOR

Basic



Secondary



OPTICS

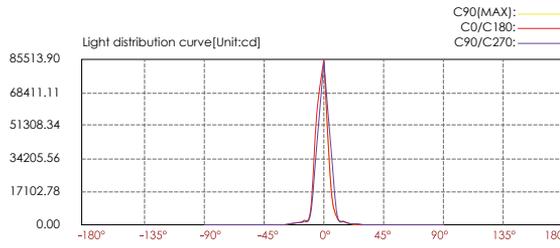
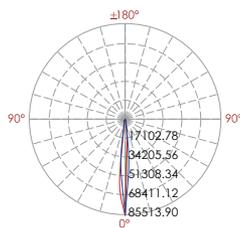
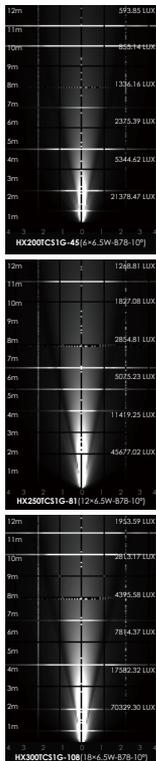


B92

8° 15° 20° 30° 50°

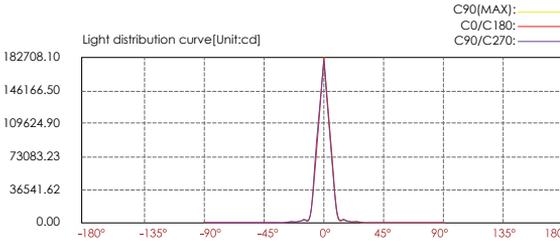
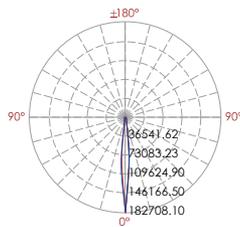
Referenced Degree(°)θ1/2

PHOTOMETRIC (Non Antiglare louver)



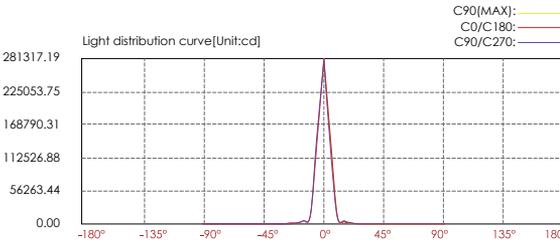
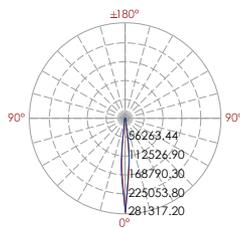
Illuminance at a distance		
Center beam LUX	Beam width V	Beam width H
2m 21378.47 LUX	0.3m	0.3m
4m 5344.62 LUX	0.7m	0.7m
6m 2375.39 LUX	1.0m	1.0m
8m 1336.16 LUX	1.4m	1.3m
10m 855.14 LUX	1.7m	1.7m
12m 593.85 LUX	2.1m	2.0m

Ver.Spread:9.6 Horiz.Spread:9.8



Illuminance at a distance		
Center beam LUX	Beam width V	Beam width H
2m 45677.02 LUX	0.3m	0.3m
4m 11419.25 LUX	0.7m	0.7m
6m 5075.23 LUX	1.0m	1.0m
8m 2854.81 LUX	1.3m	1.4m
10m 1827.08 LUX	1.7m	1.7m
12m 1268.81 LUX	2.0m	2.0m

Ver.Spread:9.7 Horiz.Spread:9.4



Illuminance at a distance		
Center beam LUX	Beam width V	Beam width H
2m 70329.30 LUX	0.3m	0.3m
4m 17582.32 LUX	0.7m	0.7m
6m 7814.37 LUX	1.0m	1.0m
8m 4395.58 LUX	1.3m	1.4m
10m 2813.17 LUX	1.7m	1.7m
12m 1953.59 LUX	2.0m	2.0m

Ver.Spread:9.5 Horiz.Spread:9.6



ITEM
HX160TSL3G-10.5

LIGHT SOURCE / LENS
3×3.5W / FB12B5

SELECTED DEGREE(°)Ø1/2
45°

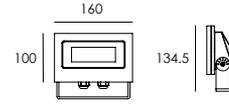
INPUT VOLTAGE(V)
DC 24 AC 120 AC 240

OPERATING CURRENT(MA)
DC 24=500 AC 120=114 AC 240=58

CONSUMPTION(W)
DC 24=12 AC 120=13.7 AC 240=13.2

LUMINANCE(LM)
705

IK
06



ITEM
HX220TSL3G-17.5

LIGHT SOURCE / LENS
5×3.5W / FB11B4, FB12B5

SELECTED DEGREE(°)Ø1/2
45°

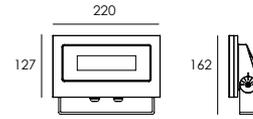
INPUT VOLTAGE(V)
DC 24 AC 120 AC 240

OPERATING CURRENT(MA)
DC 24=750 AC 120=181 AC 240=94

CONSUMPTION(W)
DC 24=18 AC 120=21.7 AC 240=21.7

LUMINANCE(LM)
1324

IK
06



ITEM
HX285TSL3G-36

LIGHT SOURCE / LENS
12×3W / FB12B5

SELECTED DEGREE(°)Ø1/2
45°

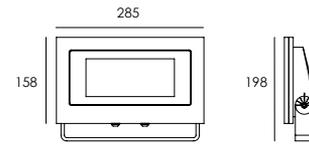
INPUT VOLTAGE(V)
DC 24 AC 120 AC 240

OPERATING CURRENT(MA)
DC 24=1430 AC 120=227 AC 240=169

CONSUMPTION(W)
DC 24=35 AC 120=39.2 AC 240=39

LUMINANCE(LM)
2940

IK
06



ITEM
HX350TSL3G-63

LIGHT SOURCE / LENS
21×3W / FB11B4, FB12B5

SELECTED DEGREE(°)Ø1/2
45°

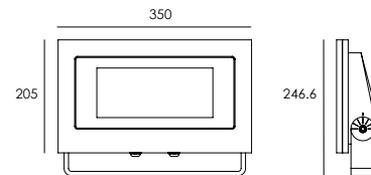
INPUT VOLTAGE(V)
DC 24 AC 120 AC 240

OPERATING CURRENT(MA)
DC 24=2700 AC 120=502 AC 240=253

CONSUMPTION(W)
DC 24=65 AC 120=60.5 AC 240=58.8

LUMINANCE(LM)
4787

IK
06





ITEM
HX450TLS3G-84

LIGHT SOURCE / LENS
30×2.8W / FB11B4, FB12B5

SELECTED DEGREE(°)θ1/2
45°

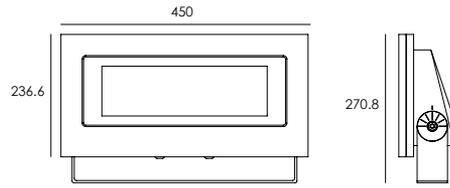
INPUT VOLTAGE(V)
DC 24 AC 120 AC 240

OPERATING CURRENT(MA)
DC 24=4000 AC 120=724 AC 240=383

CONSUMPTION(W)
DC 24=96 AC 120=86.8 AC 240=86.3

LUMINANCE(LM)
6053

IK
06



WATER PROOF SOLUTION



- A Water-Stopper**(Included)
A IP-66 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.
- B IP67 Jiffy quick plug/socket connector**(Option)
A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

HOUSING

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

LIGHT WINDOW

Tempered glass.T=3mm

LED

NICHIA

LED DRIVER

Constant Voltage Input, Constant Current Output

CABLE GLAND

IP68 PG-9 PA66

GASKET

Tooling shaped seal

POWER CABLE

Outside of luminaire
12V/24V: H05RN-F 2×1.0mm², L=2.0m
120V/240V: H05RN-F 3×1.0mm², L=2.0m

DIMMING SUPPORT

Triac PWM Available
1-10V Dali Customized
B3GKA1259, B3HKA2158, B3IKA3058

REGULAR PAINTING COLOR

Basic

Dark Grey
KAP 7037

Secondary

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°

FEATURE



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

OVERVIEW



FAMILY ITEM APPLICATIONS

Surface Mounting Wall Light



HX160TSSM5W-10.5



HX211TSSM5W-17.5



HX286TSSM5W-36



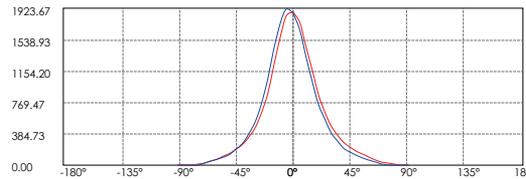
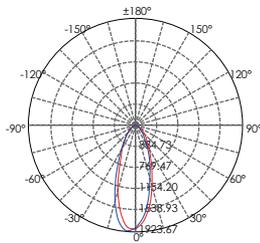
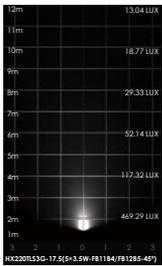
HX350TSSM5W-63



HX450TSSM5W-84

• See page 56

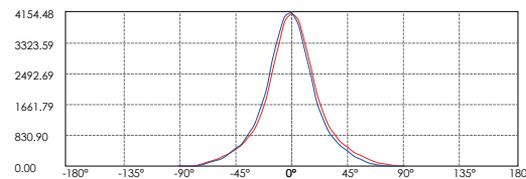
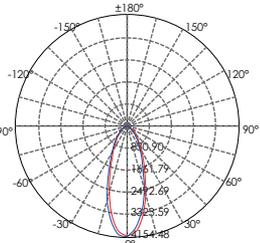
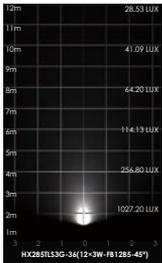
PHOTOMETRIC



Lux distance Curve

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

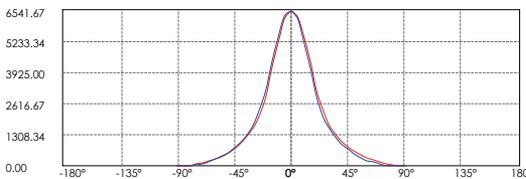
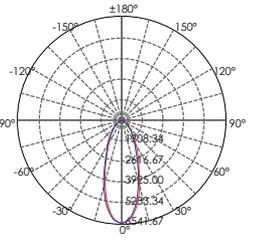
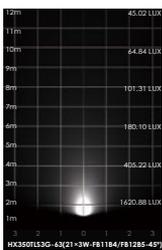
Vert.Spread:37.2 Horiz.Spread:37.3



Lux distance Curve

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

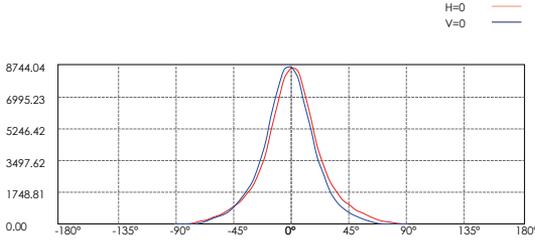
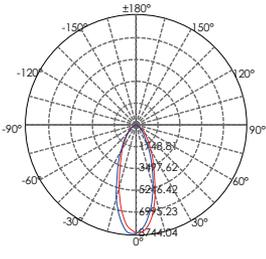
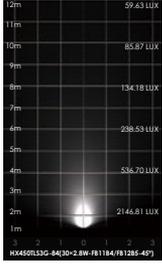
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Lux distance Curve

	Illuminance at a Distance	
	Center Beam LUX	Beam Width V H
2m	1620.88 LUX	1.4m 1.4m
4m	405.22 LUX	2.8m 2.8m
6m	180.10 LUX	4.1m 4.2m
8m	101.31 LUX	5.5m 5.5m
10m	64.84 LUX	6.9m 6.9m
12m	45.02 LUX	8.3m 8.3m

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Lux distance Curve

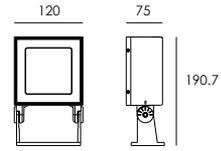
Illuminance at a Distance

Center Beam LUX	beam Width	
	v	H
2146.81 LUX	1.4m	1.4m
536.70 LUX	2.8m	2.8m
238.53 LUX	4.1m	4.2m
134.18 LUX	5.5m	5.6m
85.87 LUX	6.9m	7.0m
59.63 LUX	8.3m	8.4m

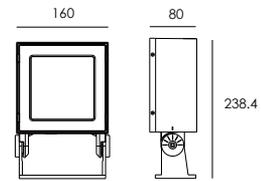
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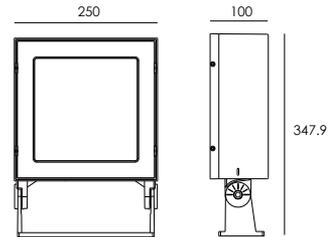
ITEM	HX120TSS3G-14
LIGHT SOURCE	4×3,5W
LENS	FB11B4
SELECTED DEGREE(°)θ1/2	30°
INPUT VOLTAGE(V)	DC 24 AC 120 AC 240
OPERATING CURRENT(MA)	DC 24=630 AC 120=146 AC 240=73
CONSUMPTION(W)	DC 24=15 AC 120=17.5 AC 240=17
LUMINANCE(LM)	1206
IK	05



ITEM	HX160TSS3G-27
LIGHT SOURCE	9×3W
LENS	FB12B5
SELECTED DEGREE(°)θ1/2	30°
INPUT VOLTAGE(V)	DC 24 AC 120 AC 240
OPERATING CURRENT(MA)	DC 24=1375 AC 120=245 AC 240=133
CONSUMPTION(W)	DC 24=33 AC 120=29.6 AC 240=30
LUMINANCE(LM)	2541
IK	06



ITEM	HX250TSS3G-75
LIGHT SOURCE	25×3W
LENS	FB11B4 / FB12B5
SELECTED DEGREE(°)θ1/2	30°
INPUT VOLTAGE(V)	DC 24 AC 120 AC 240
OPERATING CURRENT(MA)	DC 24=3420 AC 120=596 AC 240=306
CONSUMPTION(W)	DC 24=82 AC 120=71.2 AC 240=71
LUMINANCE(LM)	5832
IK	06



WATER PROOF SOLUTION

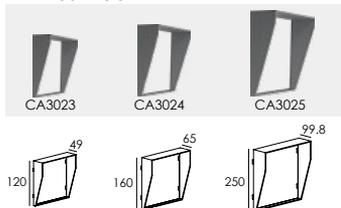


A Water-Stopper(Included)
A IP-66 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.

B IP67 Jiffy quick plug/socket connector(Optional)
A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

ACCESSORIES(Optional)

BEVEL CUT HOOD



ID	Fitted Item
CA3023	HX250TSS3G-75
CA3024	HX160TSS3G-27
CA3025	HX120TSS3G-14



HOUSING	T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
LIGHT WINDOW	Tempered glass, T=3mm
LED	NICHIA
LED DRIVER	Constant Voltage Input, Constant Current Output
CABLE GLAND	IP68 PG-9 PA66
GASKET	Tooling shaped seal
POWER CABLE	Outside of luminaire 12V/24V: H05RN-F 2×1.0mm², L=2.0m 120V/240V: H05RN-F 3×1.0mm², L=2.0m

REGULAR PAINTING COLOR

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

OPTICS Referenced Degree(°) 1/2

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

FEATURE



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

OVERVIEW



FAMILY ITEM APPLICATIONS
Surface Mounting Wall Light



HX150TSSM3W-14
• See page 50

HX200TSSM3W-27

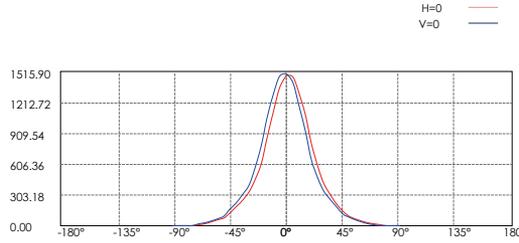
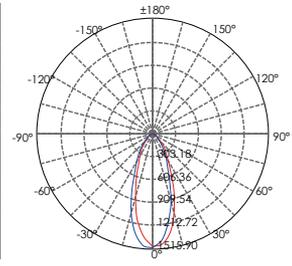
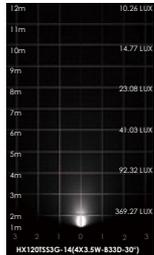
Wall Mounting Ceiling Down Light



HX120TSCD1W-14
• See page 260

HX160TSCD1W-18

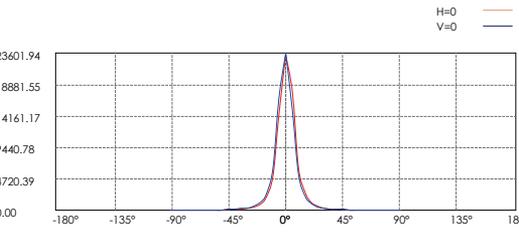
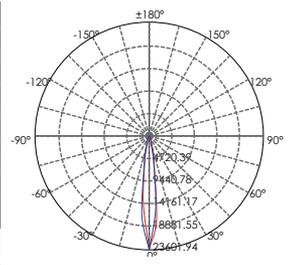
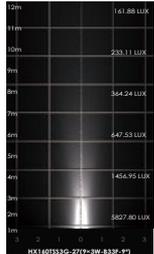
PHOTOMETRIC



Lux distance Curve

Distance (m)	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

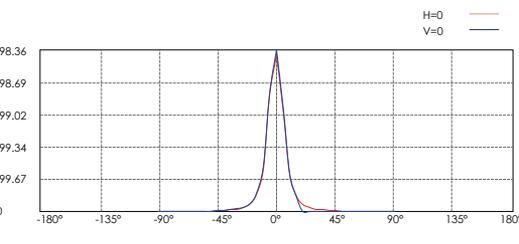
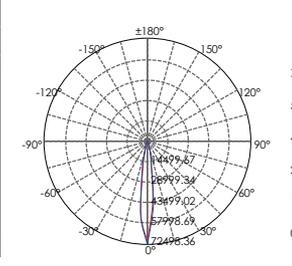
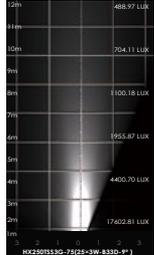
Vert. Spread: 38.6 Horiz. Spread: 39.0



Lux distance Curve

Distance (m)	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

Distance (m)	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
HX220TLS4W-15E

LIGHT SOURCE
10×1.5W

LENS
C18

SELECTED DEGREE(°)θ1/2
94°×76°

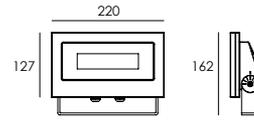
INPUT VOLTAGE(V)
DC 24 AC 120 AC 240

OPERATING CURRENT(MA)
DC 24=725 AC 120=174 AC 240=91

CONSUMPTION(W)
DC 24=17.4 AC 120=20 AC 240=20.1

LUMINANCE(LM)
1372

IK
06



ITEM
HX285TLS4W-24E

LIGHT SOURCE
12×2W

LENS
C18

SELECTED DEGREE(°)θ1/2
78°×40°

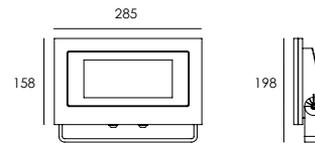
INPUT VOLTAGE(V)
DC 24 AC 120 AC 240

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

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

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

IK
06



ITEM
HX350TLS4W-35.7E

LIGHT SOURCE
21×1.7W

LENS
C18

SELECTED DEGREE(°)θ1/2
80°×60°

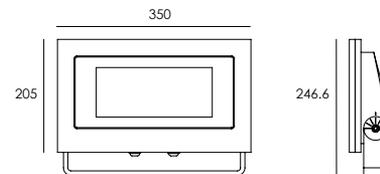
INPUT VOLTAGE(V)
DC 24 AC 120 AC 240

OPERATING CURRENT(MA)
DC 24=1470 AC 120=318 AC 240=172

CONSUMPTION(W)
DC 24=35 AC 120=37.8 AC 240=38

LUMINANCE(LM)
2257

IK
06



WATER PROOF SOLUTION



- A Water-Stopper(Included)**
A IP-66 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.
- B IP67 Jiffy quick plug/socket connector(Optional)**
A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

HOUSING T=60-80µm.Adhesion of ISO class 1/ASTM class 4B

LIGHT WINDOW Tempered glass,T=3mm

LED NICHIA

LED DRIVER Constant Voltage Input, Constant Current Output

CABLE GLAND IP68 PG-9 PA66

GASKET Tooling shaped seal

POWER CABLE Outside of luminaire
12V/24V: H05RN-F 2×1.0mm², L=2.0m
120V/240V: H05RN-F 3×1.0mm², L=2.0m

REGULAR PAINTING COLOR

Basic | Secondary

Dark Grey KAP 7037 | Silver Grey KAP 9022 | Sanded Black RAL 9005

OPTICS Referenced Degree(°)91/2

C18 | L01⁸⁰/₆₀ F077YS

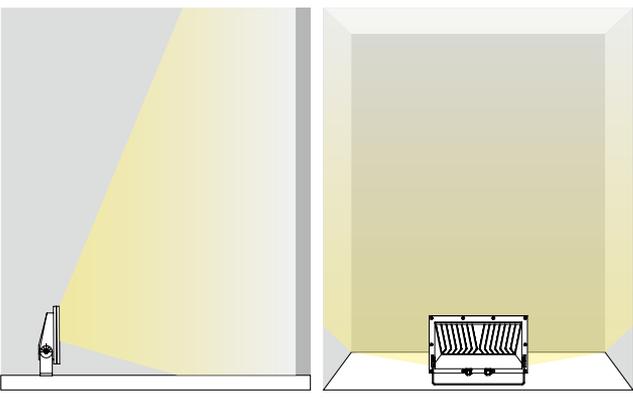
FEARURE



OVERVIEW



BEAM DEMO

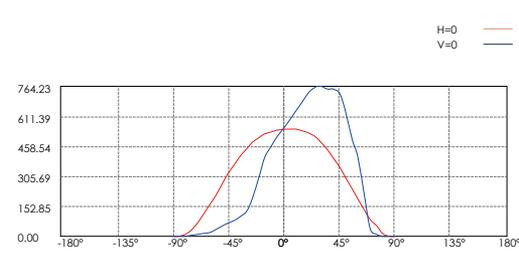
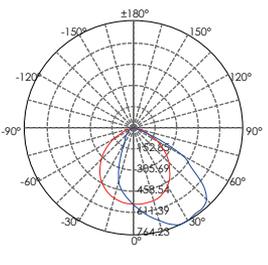
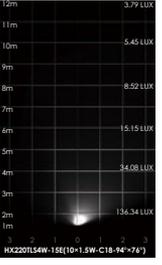


FAMILY ITEM APPLICATIONS
Surface Mounting Wall Light



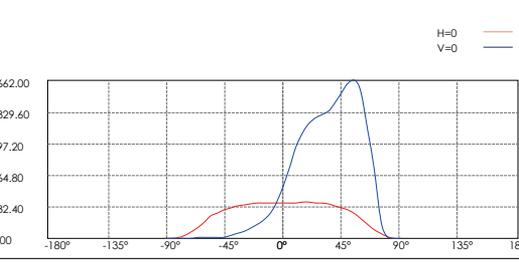
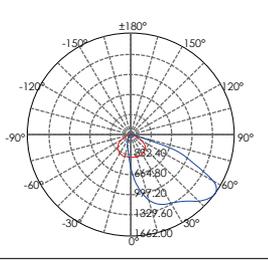
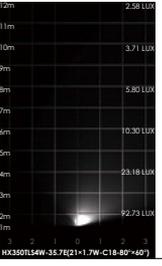
• See page 54

PHOTOMETRIC



Illuminance at a Distance

Distance (m)	Center Beam LUX	Beam Width (V x H)
2m	92.73 LUX	3.6m x 2.4m
4m	23.18 LUX	7.1m x 4.8m
6m	10.30 LUX	10.7m x 7.2m
8m	5.80 LUX	14.3m x 9.6m
10m	3.71 LUX	17.8m x 12.0m
12m	2.58 LUX	21.4m x 14.4m

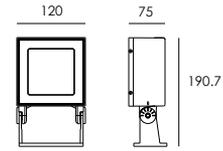


Illuminance at a Distance

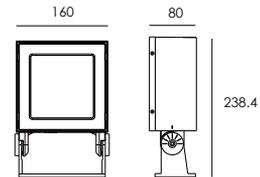
Distance (m)	Center Beam LUX	Beam Width (V x H)
2m	92.73 LUX	3.6m x 2.4m
4m	23.18 LUX	7.1m x 4.8m
6m	10.30 LUX	10.7m x 7.2m
8m	5.80 LUX	14.3m x 9.6m
10m	3.71 LUX	17.8m x 12.0m
12m	2.58 LUX	21.4m x 14.4m



ITEM	HX120TSS4W-12E
LIGHT SOURCE	4×3W NICHIA
LENS	C18
SELECTED DEGREE(°)θ1/2	65°×55°
INPUT VOLTAGE(V)	120 240
OPERATING CURRENT(MA)	AC 120=106 AC 240=56
CONSUMPTION(W)	AC 120=12.6 AC 240=12.6
LUMINANCE(LM)	520
IK	05



ITEM	HX160TSS4W-18E
LIGHT SOURCE	10×1.8W NICHIA
LENS	C18
SELECTED DEGREE(°)θ1/2	85°×55°
INPUT VOLTAGE(V)	AC 120 AC 240
OPERATING CURRENT(MA)	AC 120=165 AC 240=93
CONSUMPTION(W)	AC 120=20 AC 240=20.9
LUMINANCE(LM)	680
IK	06



WATER PROOF SOLUTION



- A Water-Stopper(Included)**
A IP-66 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.
- B IP67 Jiffy quick plug/socket connector(Optional)**
A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

HOUSING

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

LIGHT WINDOW

Tempered glass.T=3mm

LED

NICHIA

LED DRIVER

Constant Voltage Input, Constant Current Output

CABLE GLAND

IP68 PG-9 PA66

GASKET

Tooling shaped seal

POWER CABLE

Outside of luminaire
12V/24V: H05RN-F 2×1.0mm², L=2.0m
120V/240V: H05RN-F 3×1.0mm², L=2.0m

REGULAR PAINTING COLOR

Basic

Dark Grey
KAP 7037

Secondary

Silver Grey
KAP 9022

Sanded Black
RAL 9005

OPTICS



C18

Referenced Degree(°)θ1/2

L0180
F077YS

FEATURE

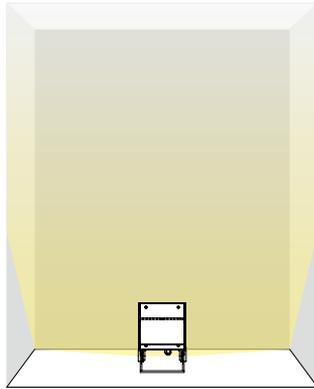
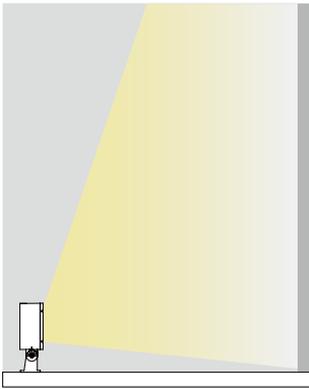


Gear: The gear between the luminaire housing and the U bracket to prevent sliding.

OVERVIEW



LIGHT APPLICATION



FAMILY ITEM APPLICATIONS

Surface Mounting Wall Light



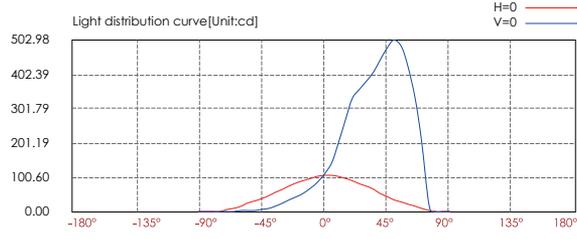
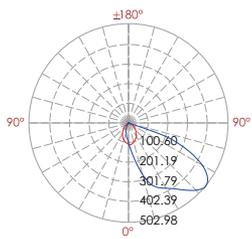
HX150TSSM4W-12E

• See page 52



HX200TSSM4W-18E

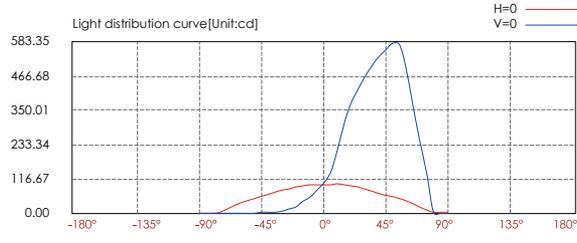
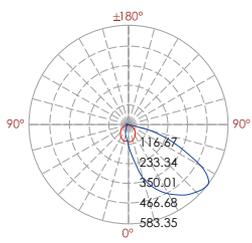
PHOTOMETRIC



Light distance cure

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

Ver.Spread: 63.7 Horiz.Spread: 54.7



Light distance cure

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

Ver.Spread: 67.3 Horiz.Spread: 54.3



Linear Wall Washer







ITEM
HX250TLLW1W-6

LIGHT SOURCE
6x1W

LENS
B38

SELECTED DEGREE(°)Ø1/2
30°(B38/30°)

LENGTH(MM)
250

INPUT VOLTAGE(V)
DC 24 AC 120 AC 240

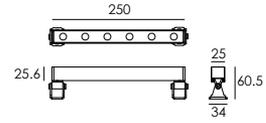
OPERATING CURRENT(MA)
DC 24=3.5 AC 120=50 AC 240=30

CONSUMPTION(W)
DC 24=7.3 AC 120=6 AC 240=6.5

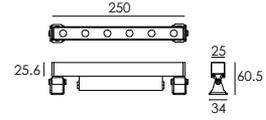
LUMINANCE(LM)
low voltage: CW=410 WW=350
high voltage: CW=540 WW=432

IK
02

(low voltage)



(high voltage)



ITEM
HX500TLLW1W-12

LIGHT SOURCE
12x1W

LENS
B38

SELECTED DEGREE(°)Ø1/2
30°(B38/30°)

LENGTH(MM)
500

INPUT VOLTAGE(V)
DC 24 AC 120 AC 240

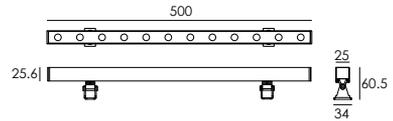
OPERATING CURRENT(MA)
DC 24=6.10 AC 120=130 AC 240=65

CONSUMPTION(W)
DC 24=14.5 AC 120=15.0 AC 240=15.0

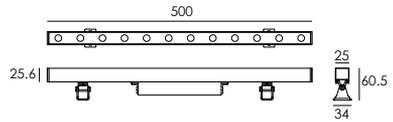
LUMINANCE(LM)
low voltage: CW=950 WW=900
high voltage: CW=1080 WW=864

IK
02

(low voltage)



(high voltage)



ITEM
HX1000TLLW1W-24

LIGHT SOURCE
24x1W

LENS
B38

SELECTED DEGREE(°)Ø1/2
30°(B38/30°)

LENGTH(MM)
1000

INPUT VOLTAGE(V)
DC 24 AC 120 AC 240

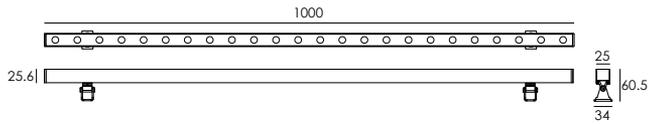
OPERATING CURRENT(MA)
DC 24=1.220 AC 120=255 AC 240=135

CONSUMPTION(W)
DC 24=29 AC 120=30.8 AC 240=31.5

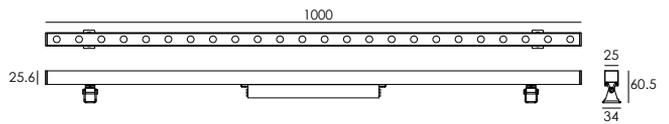
LUMINANCE(LM)
low voltage: CW=1660 WW=1413
high voltage: CW=2140 WW=1976

IK
02

(low voltage)

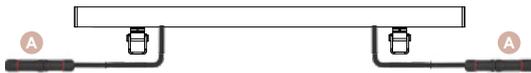


(high voltage)



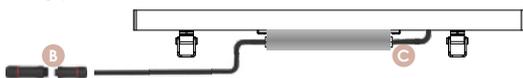
WATER PROOF SOLUTION

(low voltage)



A IP67 Jiffy quick plug/socket connector(Included)
A IP-67 connector is an assembly and ensures that water vapor will not enter into luminaires directly.

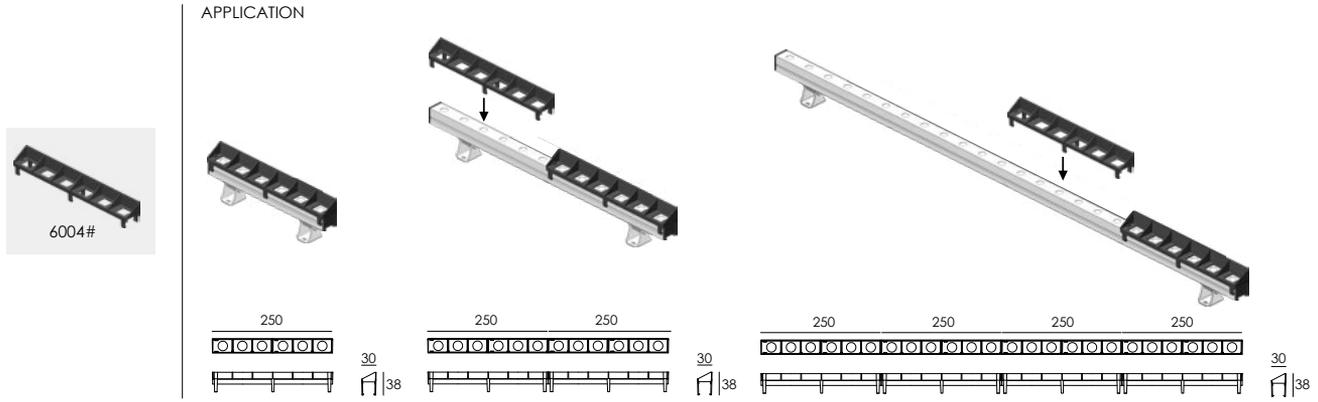
(high voltage)



B IP67 Jiffy quick plug/socket connector(Option)
A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

C High voltage driver IP65

ANTI GLARE LOUVER(Optional)



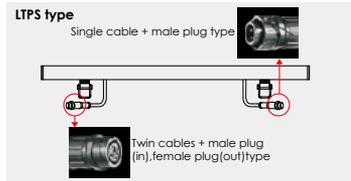
- HOUSING BRACKET**
 - LIGHT WINDOW GASKET**
 - LENS**
 - LED**
 - OPERATING TEMPERATURE**
 - POWER CABLE**
 - DIMMING SUPPORT**
- Tempered glass.T=2mm
Glass and housing are silicone sealed
- Single color ORSAM LED
-20°C~40°C
- Outside of luminaire
H03VV-F 2×0.75mm², L=0.25m(12V/24V)
H05RN-F 3×1.0mm², L=0.5m(120V/240V)
- Triac PWM Available
1-10V Dali Customized

OPTICS Referenced Degree(°)91/2

	B38	30°	40°	50°	60°	25°×50°
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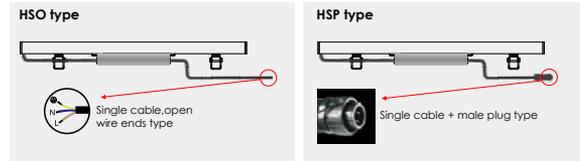
CONNECTION

LOW VOLTAGE INPUT (DC 24) POWER CABLE TYPE



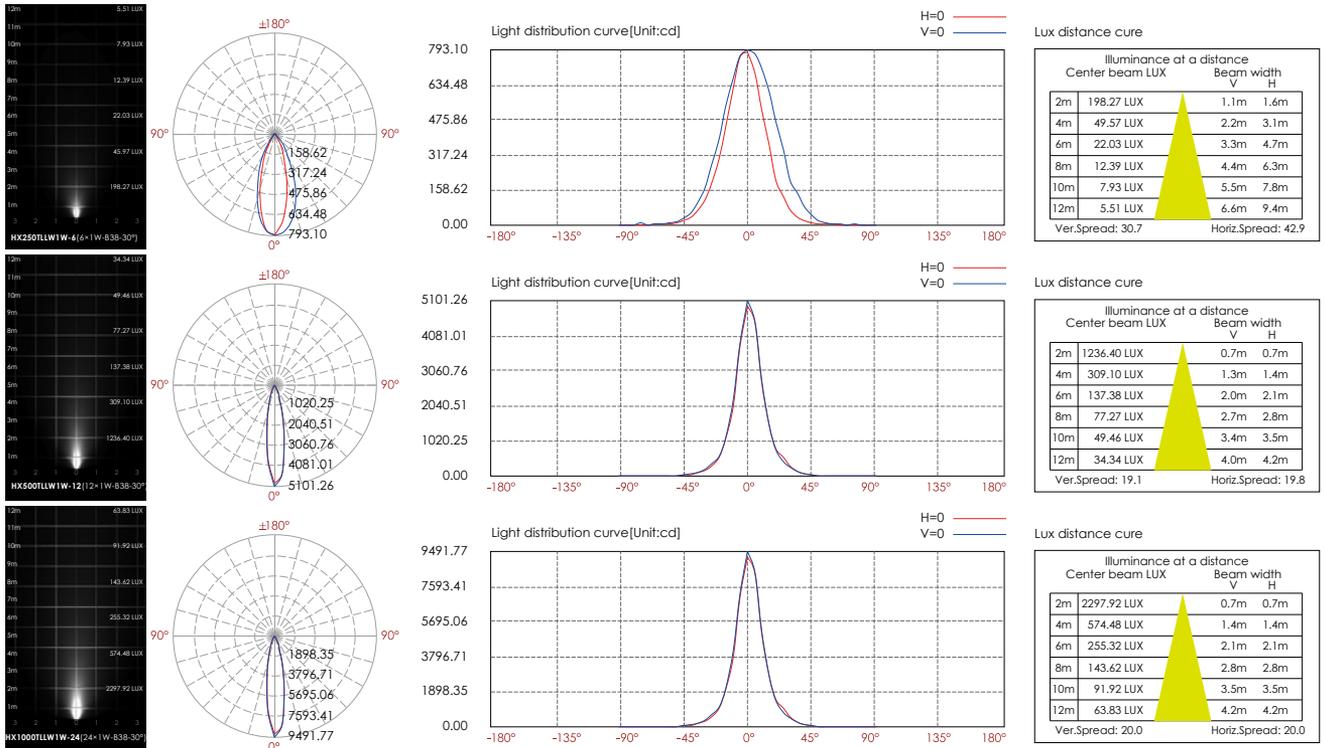
Low voltage input default: LTPS type power cable with conducted input and output, waterproof socket connector are included.

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



High voltage input default: HSO type power cable, waterproof socket connector are not included(optional).

PHOTOMETRIC(Non anti glare louver)





ITEM
HX250TLLW1W-6A

LIGHT SOURCE
6x1W

LENS
B38

SELECTED DEGREE(°)Ø1/2
30°(B38/30°)

LENGTH(MM)
250

INPUT VOLTAGE(V)
DC 24 AC 120 AC 240

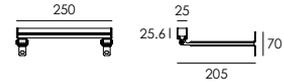
OPERATING CURRENT(MA)
DC 24=3.5 AC 120=50 AC 240=30

CONSUMPTION(W)
DC 24=7.3 AC 120=6 AC 240=6.5

LUMINANCE(LM)
low voltage: CW=410 WW=350
high voltage: CW=540 WW=432

IK
02

(low voltage)



(high voltage)



ITEM
HX500TLLW1W-12A

LIGHT SOURCE
12x1W

LENS
B38

SELECTED DEGREE(°)Ø1/2
30°(B38/30°)

LENGTH(MM)
500

INPUT VOLTAGE(V)
DC 24 AC 120 AC 240

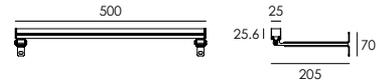
OPERATING CURRENT(MA)
DC 24=6.10 AC 120=130 AC 240=65

CONSUMPTION(W)
DC 24=14.5 AC 120=15.0 AC 240=15.0

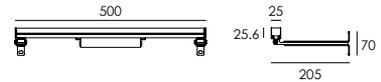
LUMINANCE(LM)
low voltage: CW=820 WW=700
high voltage: CW=1080 WW=864

IK
02

(low voltage)



(high voltage)



ITEM
HX1000TLLW1W-24A

LIGHT SOURCE
24x1W

LENS
B38

SELECTED DEGREE(°)Ø1/2
30°(B38/30°)

LENGTH(MM)
1000

INPUT VOLTAGE(V)
DC 24 AC 120 AC 240

OPERATING CURRENT(MA)
DC 24=1220 AC 120=255 AC 240=135

CONSUMPTION(W)
DC 24=29 AC 120=30.8 AC 240=31.5

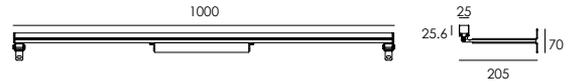
LUMINANCE(LM)
low voltage: CW=1660 WW=1413
high voltage: CW=2140 WW=1976

IK
02

(low voltage)



(high voltage)



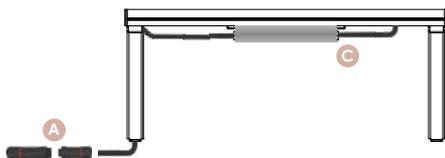
WATER PROOF SOLUTION

(low voltage)



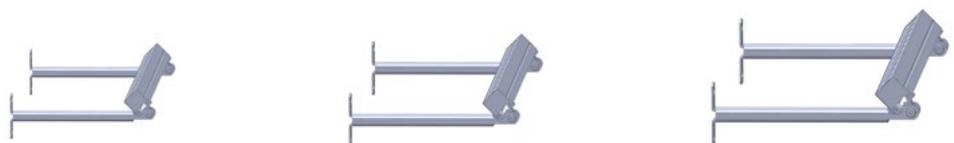
- A IP67 Jiffy quick plug/socket connector(Included)**
A IP-67 connector is an assembly and ensures that water vapor will not enter into luminaires directly.

(high voltage)

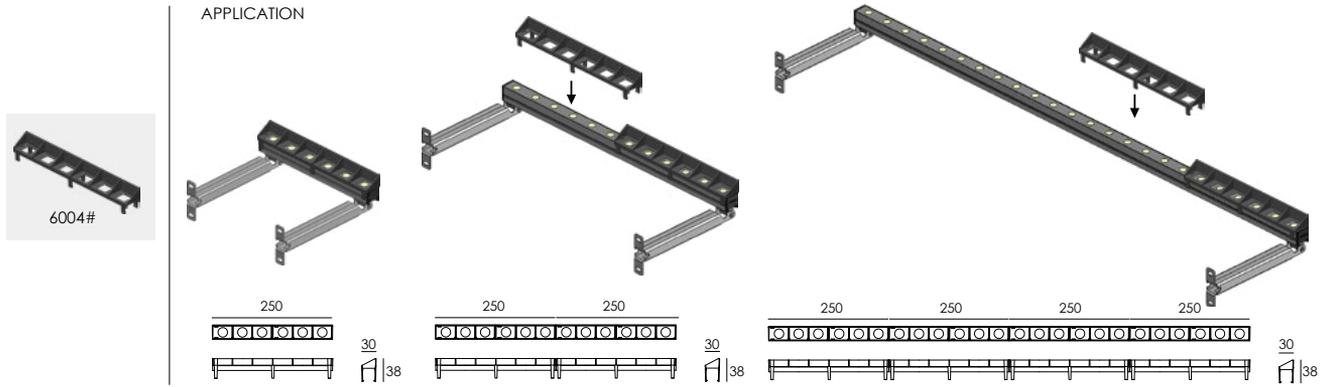


- B IP67 Jiffy quick plug/socket connector(Option)**
A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.
- C High voltage driver IP65**

EXTERNAL BRACKET(Optional)



ANTI GLARE LOUVER(Optional)



HOUSING BRACKET
LIGHT WINDOW GASKET
LENS
LED
OPERATING TEMPERATURE
POWER CABLE
DIMMING SUPPORT

Tempered glass,T=2mm
 Glass and housing are silicone sealed
 Single color ORSAM LED
 -20°C~40°C
 Outside of luminaire
 H03VV-F 2×0.75mm², L=1.1m(12V/24V)
 H05RN-F 3×1.0mm², L=1.1m(120V/240V)
 Triac PWM Available
 1-10V Dali Customized

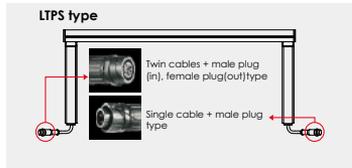
OPTICS

Referenced Degree(°)θ1/2



CONNECTION

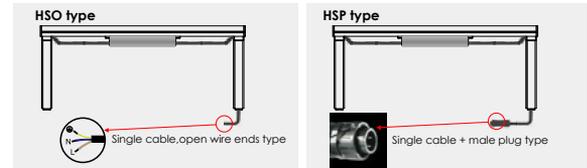
LOW VOLTAGE INPUT (24VDC) POWER CABLE TYPE



•Low voltage input default: LTPS type power cable with conducted input and output, waterproof socket connector are included.

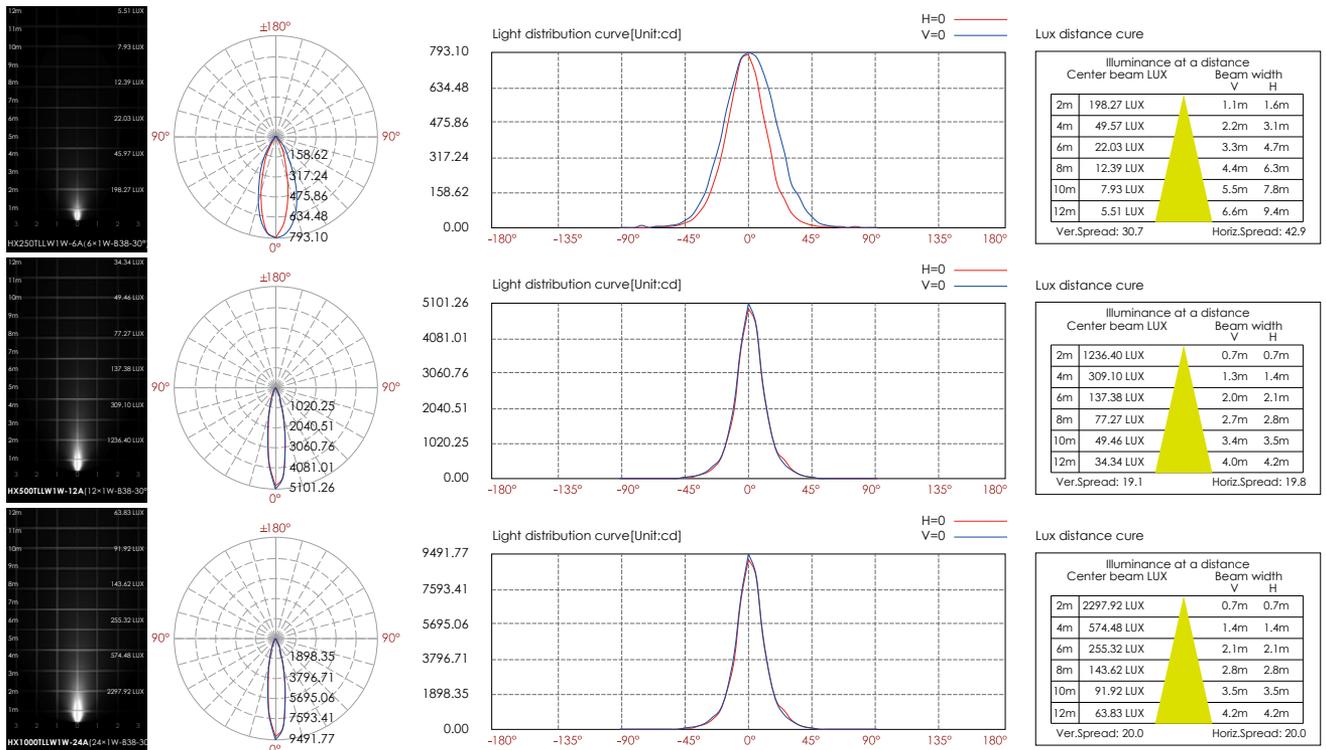


HIGH VOLTAGE INPUT (100V-240V) POWER CALBE WIRING TYPE



•High voltage input default: HSO type power cable, waterproof socket connector are not included(optional).

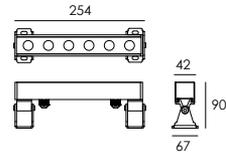
PHOTOMETRIC(Non anti glare louver)



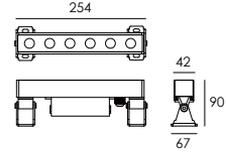


ITEM
HX254TLLW1W-10.8
LIGHT SOURCE
6×1.8W
LENS
B17
SELECTED DEGREE(°)Ø1/2
20°(B17/20°)
LENGTH(MM)
254
INPUT VOLTAGE(V)
DC 24 AC 120 AC 240
OPERATING CURRENT(MA)
DC 24=580 AC 120=95 AC 240=50
CONSUMPTION(W)
DC 24=14 AC 120=11 AC 240=11.2
LUMINANCE(LM)
low voltage: CW=800 WW=724
high voltage: CW=760 WW=700
IK
05

(low voltage)

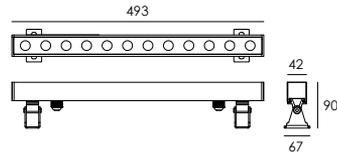


(high voltage)

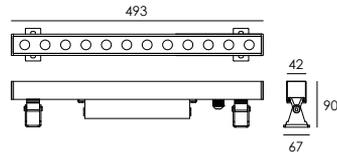


ITEM
HX493TLLW1W-18
LIGHT SOURCE
12×1.5W
LENS
B17
SELECTED DEGREE(°)Ø1/2
20°(B17/20°)
LENGTH(MM)
493
INPUT VOLTAGE(V)
DC 24 AC 120 AC 240
OPERATING CURRENT(MA)
DC 24=1000 AC 120=203 AC 240=109
CONSUMPTION(W)
DC 24=24 AC 120=24.4 AC 240=25.5
LUMINANCE(LM)
low voltage: CW=1485 WW=1263
high voltage: CW=1637 WW=1392
IK
05

(low voltage)

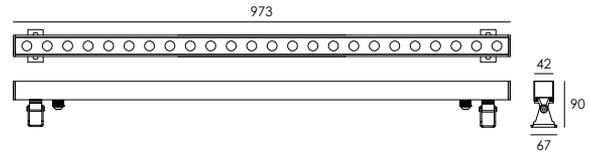


(high voltage)

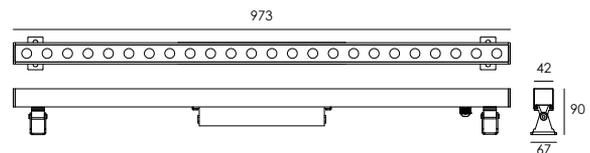


ITEM
HX973TLLW1W-36
LIGHT SOURCE
24×1.5W
LENS
B17
SELECTED DEGREE(°)Ø1/2
20°(B17/20°)
LENGTH(MM)
973
INPUT VOLTAGE(V)
DC 24 AC 120 AC 240
OPERATING CURRENT(MA)
DC 24=1985 AC 120=414 AC 240=212
CONSUMPTION(W)
DC 24=47 AC 120=48.0 AC 240=48.3
LUMINANCE(LM)
low voltage: CW=2900 WW=2470
high voltage: CW=3270 WW=2780
IK
05

(low voltage)



(high voltage)



WATER PROOF SOLUTION

(low voltage)



(high voltage)

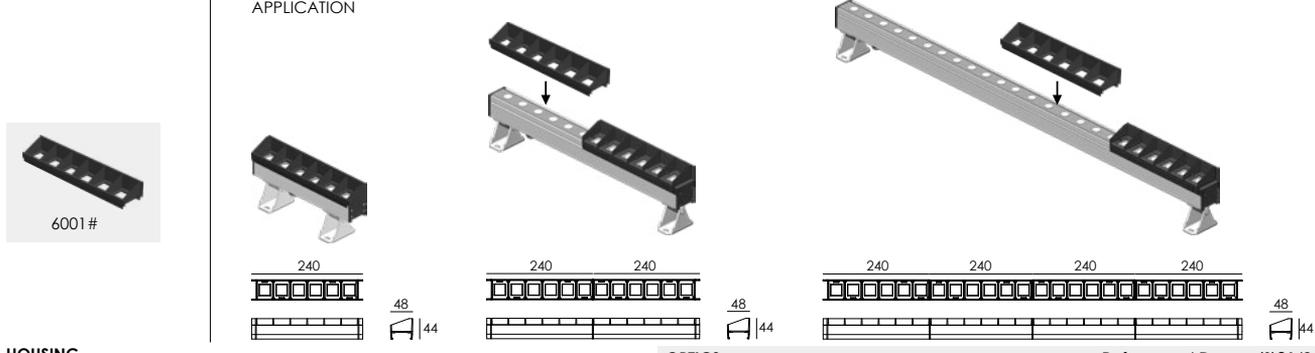


A Water-Stopper(Included)
A IP-65 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.

B IP67 Jiffy quick plug/socket connector(Option)
A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

C High voltage driver IP65

ANTI GLARE LOUVER(Optional)



HOUSING BRACKET
LIGHT WINDOW GASKET
LENS
LED
OPERATING TEMPERATURE
POWER CABLE
DIMMING SUPPORT

Tempered glass, T=2mm
 Glass and housing are silicone sealed

Single color ORSAM LED
 -20°C~40°C

Outside of luminaire
 H05RN-F 2×1.0mm², L=0.5m (12V/24V)
 H05RN-F 3×1.0mm², L=0.5m (120V/240V)

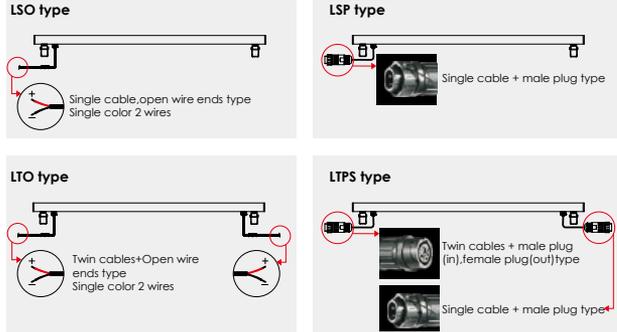
Triac PWM Available
 1-10V Dali Customized

OPTICS Referenced Degree(°) 91/2

B17 | 15° 20° 30° 45°

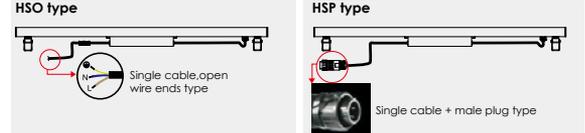
CONNECTION

LOW VOLTAGE INPUT (24VDC) POWER CORD MODEL



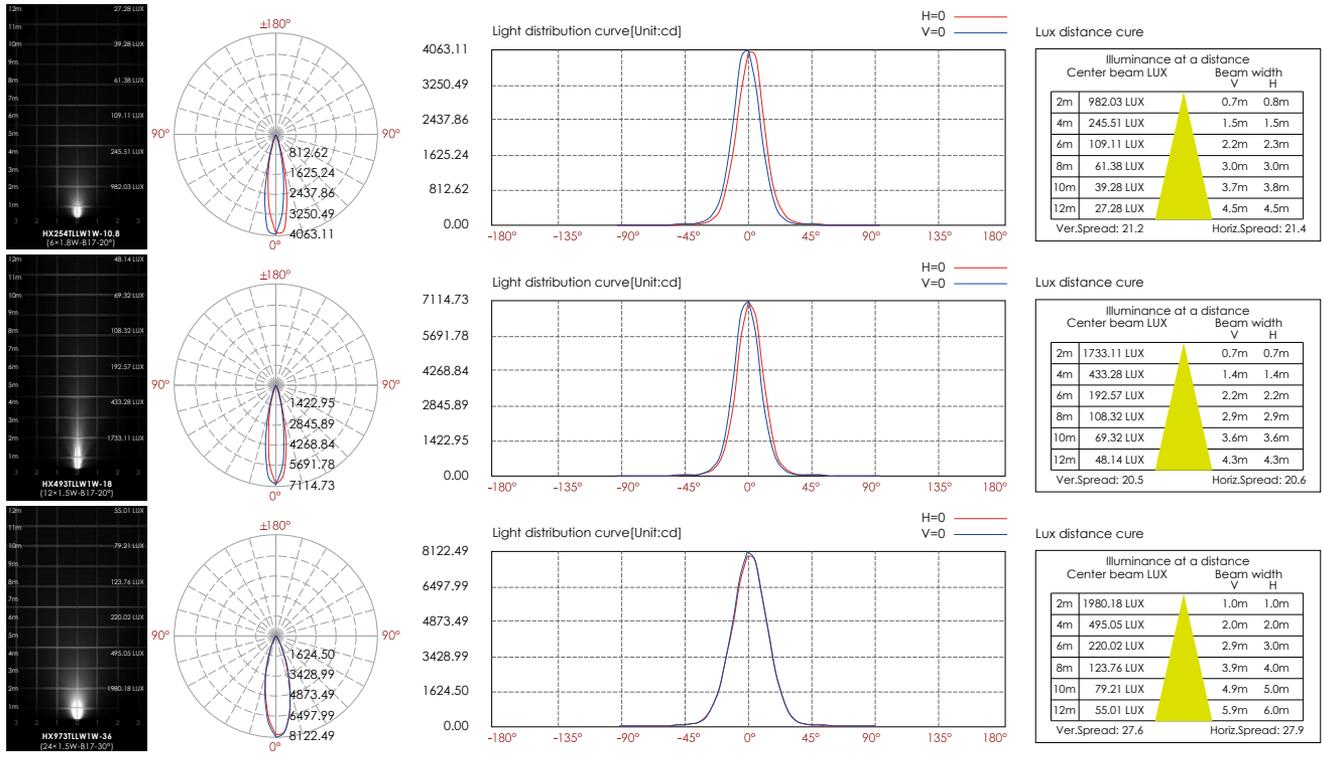
-Low voltage input default: Twin LTO type power cable, waterproof plugs are not included. (Other power cable type and plugs are optional)

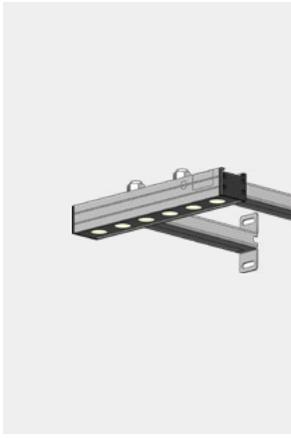
HIGH VOLTAGE INPUT (100V-240V) POWER CORD WIRING MODEL



-High voltage input default: Single HSO type power cable, waterproof plugs are not included. (Other power cable type and plugs are optional)

PHOTOMETRIC(Non anti glare louver)





ITEM
HX254TLLW1W-10.8A (low voltage)

LIGHT SOURCE
6x1.8W

LENS
B17

LENS OPTIONAL DEGREE
20°(B17/20°)

LENGTH(MM)
254

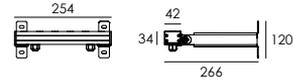
INPUT VOLTAGE(V)
DC 24 AC 120 AC 240 (high voltage)

OPERATING CURRENT(MA)
DC 24=580 AC 120=95 AC 240=50

CONSUMPTION(W)
DC 24=14 AC 120=11 AC 240=11.2

LUMINANCE(LM)
low voltage: CW=800 WW=724
high voltage: CW=760 WW=700

IK
05



ITEM
HX493TLLW1W-18A (low voltage)

LIGHT SOURCE
12x1.5W

LENS
B17

LENS OPTIONAL DEGREE
20°(B17/20°)

LENGTH(MM)
493

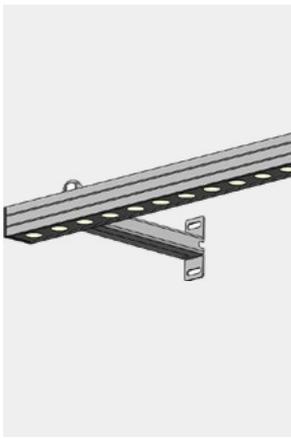
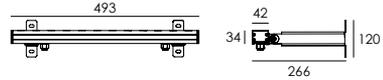
INPUT VOLTAGE(V)
DC 24 AC 120 AC 240 (high voltage)

OPERATING CURRENT(MA)
DC 24=1000 AC 120=203 AC 240=109

CONSUMPTION(W)
DC 24=24 AC 120=24.4 AC 240=25.5

LUMINANCE(LM)
low voltage: CW=1485 WW=1263
high voltage: CW=1637 WW=1392

IK
05



ITEM
HX973TLLW1W-36A (low voltage)

LIGHT SOURCE
24x1.5W

LENS
B17

LENS OPTIONAL DEGREE
30°(B17/20°)

LENGTH(MM)
973

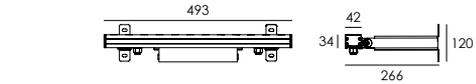
INPUT VOLTAGE(V)
DC 24 AC 120 AC 240 (high voltage)

OPERATING CURRENT(MA)
DC 24=1985 AC 120=414 AC 240=212

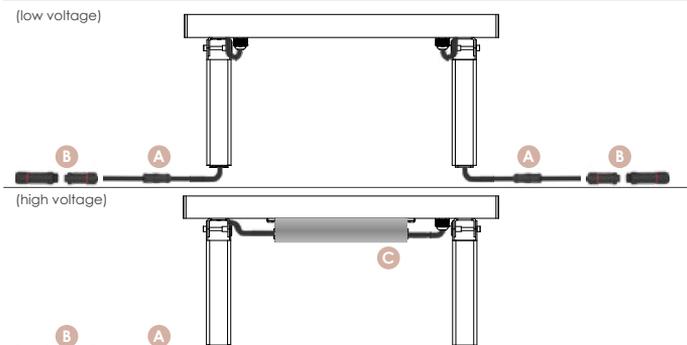
CONSUMPTION(W)
DC 24=47 AC 120=48.0 AC 240=48.3

LUMINANCE(LM)
low voltage: CW=2900 WW=2470
high voltage: CW=3270 WW=2780

IK
05



WATER PROOF SOLUTION

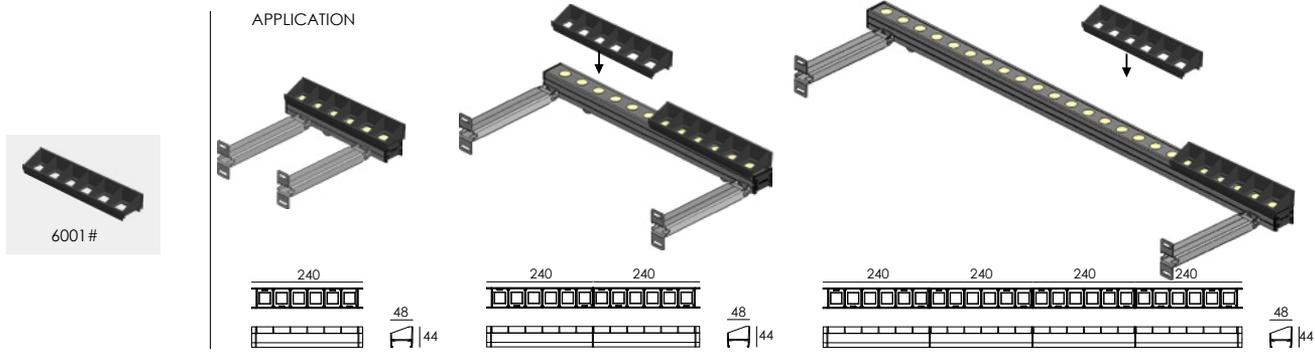


- A Water-Stopper(Included)**
A IP-65 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.
- B IP67 Jiffy quick plug/socket connector(Optional)**
A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.
- C High voltage driver IP65**

EXTERNAL BRACKET(Optional)



ANTI GLARE LOUVER(Optional)



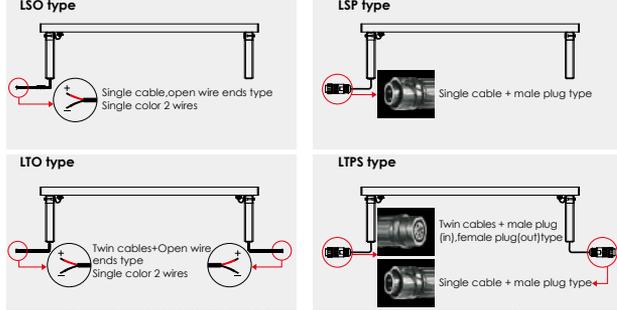
- HOUSING BRACKET**
- LIGHT WINDOW GASKET**
- LENS**
- LED** Single color ORSAM LED
- OPERATING TEMPERATURE** -20°C~40°C
- POWER CABLE** Outside of luminaire
H05RN-F 2×1.0mm², L=1.1m(12V/24V)
H05RN-F 3×1.0mm², L=1.1m(120V/240V)
- DIMMING SUPPORT** Triac, PWM Available
1-10V, Dali Customized

OPTICS Referenced Degree(°)91/2

B17 | 15° 20° 30° 45°

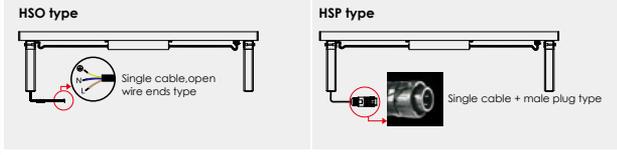
CONNECTION

LOW VOLTAGE INPUT (24VDC) POWER CORD MODEL



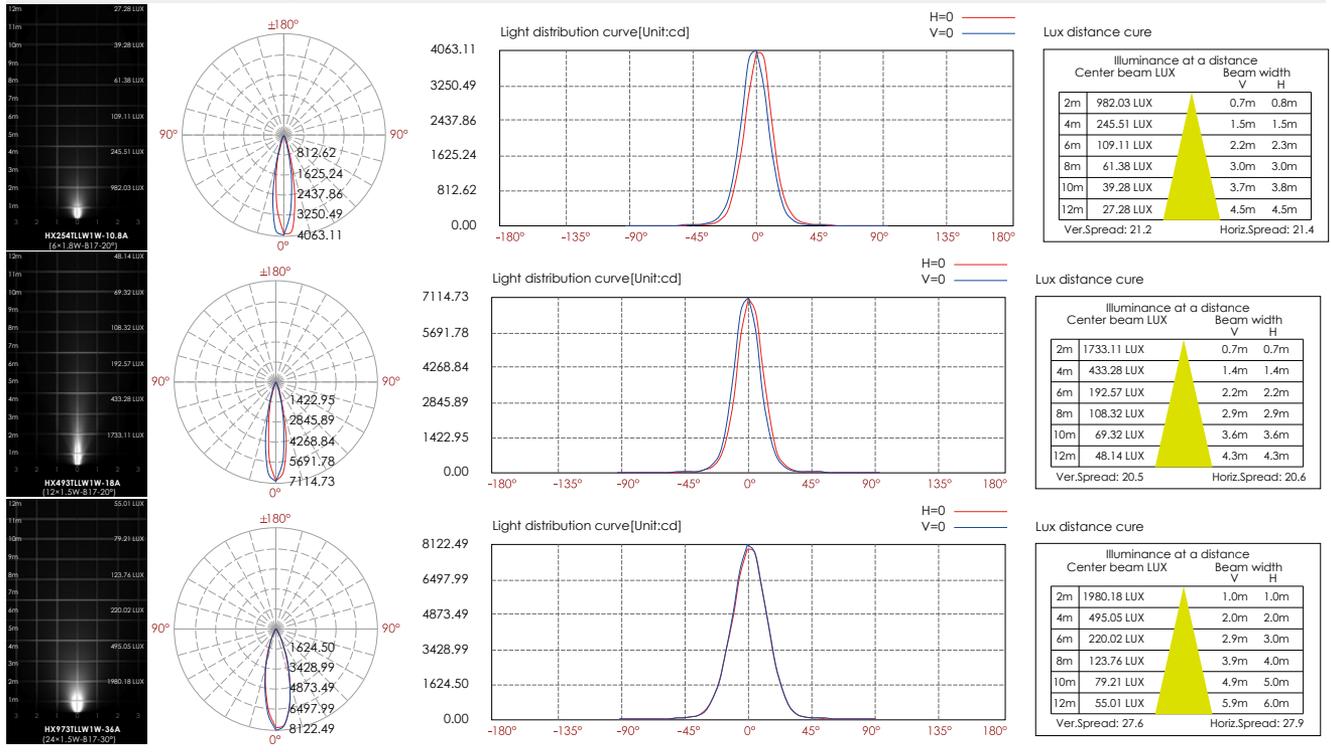
Low voltage input default: Twin LTO type power cable, waterproof plugs are not included. (Other power cable type and plugs are optional)

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



High voltage input default: Single HSO type power cable, waterproof plugs are not included. (Other power cable type and plugs are optional)

PHOTOMETRIC(Non anti glare louver)





ITEM
HX500TLLW2W-24

LIGHT SOURCE
6x4W Nichia

LENS
A24

SELECTED DEGREE(°)Ø1/2
15°(A24/15°)

LENGTH(MM)
500

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

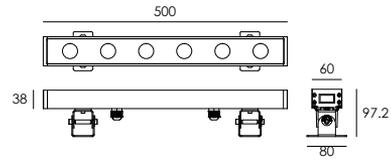
OPERATING CURRENT(MA)
DC 24=1250 AC 120=222 AC 240=114

CONSUMPTION(W)
DC 24=25 AC 120=26 AC 240=26.1

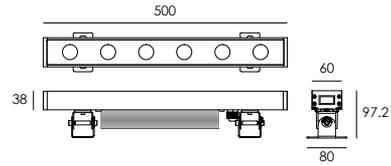
LUMINANCE(LM)
CW(240)=2236 WW=1990

IK
05

(low voltage)



(high voltage)



ITEM
HX1000TLLW2W-48

LIGHT SOURCE
12x4W Nichia

LENS
A24

SELECTED DEGREE(°)Ø1/2
15°(A24/15°)

LENGTH(MM)
1000

INPUT VOLTAGE(V)
DC 24 AC 120 AC 240

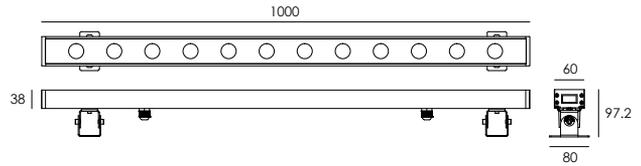
OPERATING CURRENT(MA)
DC 24=2500 AC 120=425 AC 240=214

CONSUMPTION(W)
DC 24=50 AC 120=50 AC 240=51

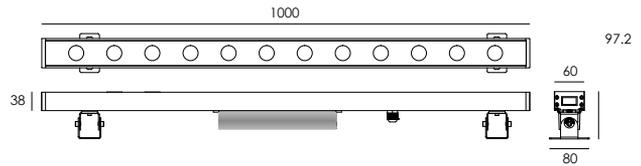
LUMINANCE(LM)
CW(240)=4417 WW=4108

IK
05

(low voltage)

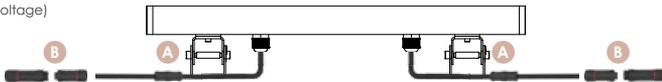


(high voltage)



WATER PROOF SOLUTION

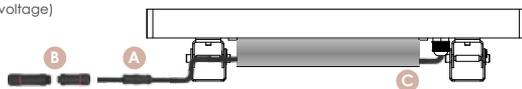
(low voltage)



A Water-Stopper(Included)
A IP-65 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.

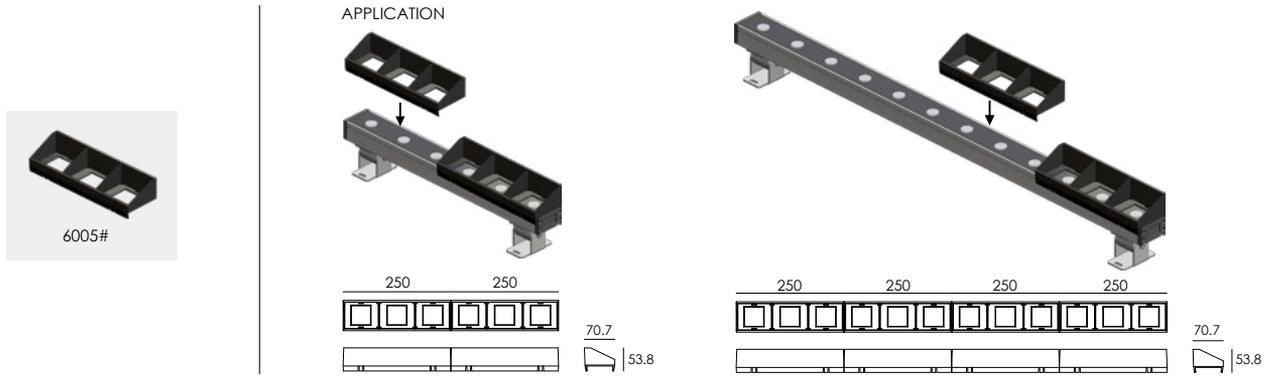
B IP67 Jiffy quick plug/socket connector(Optional)
A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

(high voltage)



C High voltage driver IP65

ANTI GLARE LOUVER(Optional)



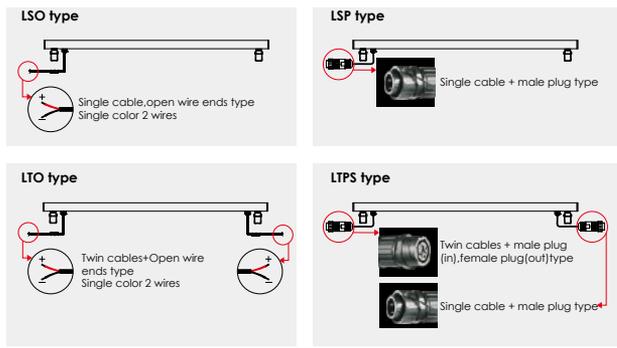
- HOUSING** Extruded aluminum
- BRACKET** IP-68 PG-13.5 PA66
- LIGHT WINDOW** Tempered glass.T=4mm
- CABLE GLAND** Glass and housing are silicone sealed
- GASKET**
- LENS**
- LED** NICHIA SMD 3535
- OPERATING TEMPERATURE** -20°C~40°C
- POWER CABLE** Outside of luminaire
H07RN-F 2×1.5mm², L=0.5m(12V/24V)
H05RN-F 3×1.0mm², L=0.5m(120V/240V)
- DIMMING SUPPORT** Triac PWM Available
1-10V Dali Customized

OPTICS Referenced Degree(°)θ1/2

A24 | 15° 30° 15°×30° 15°×45°

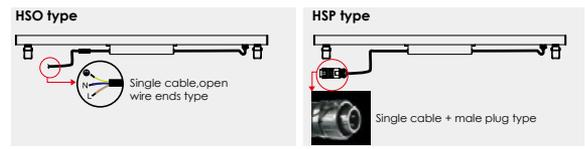
CONNECTION

LOW VOLTAGE INPUT (24VDC) POWER CORD MODEL



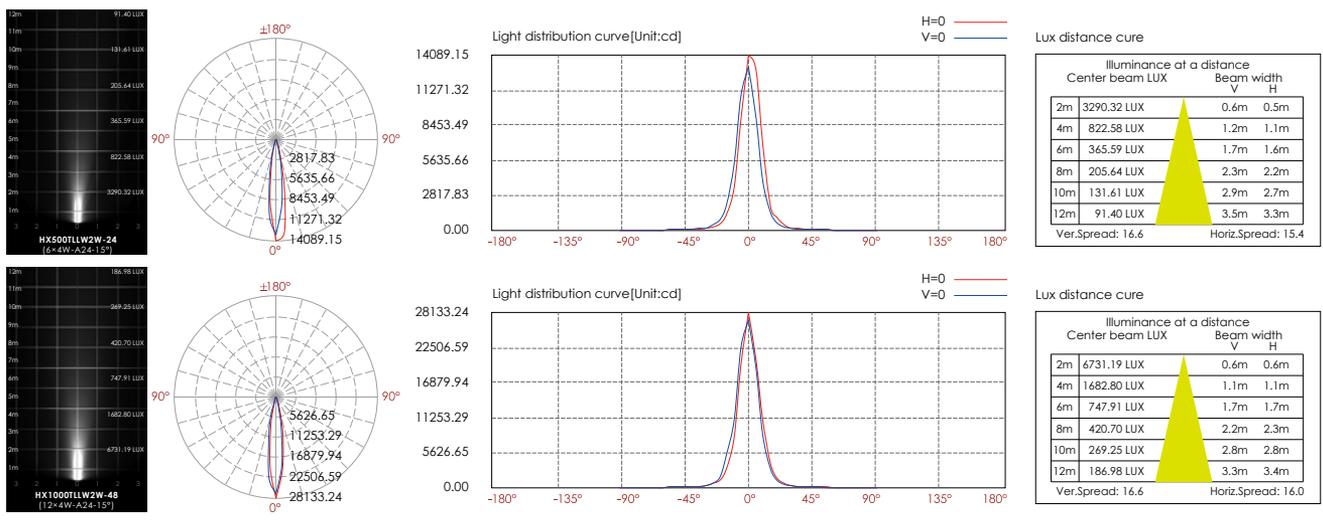
-Low voltage input default: Twin LTO type power cable, waterproof plugs are not included. (Other power cable type and plugs are optional)

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



-High voltage input default: Single HSO type power cable, waterproof plugs are not included. (Other power cable type and plugs are optional)

PHOTOMETRIC(Non anti glare louver)





ITEM
HX500TLLW2W-24A (low voltage)

LIGHT SOURCE
6x4W Nichia

LENS
A24

LENS OPTIONAL DEGREE
15°(A24/15°)

LENGTH(MM)
500

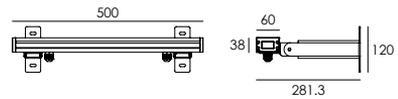
INPUT VOLTAGE(V)
DC 24 AC 120 AC 240 (high voltage)

OPERATING CURRENT(MA)
DC 24=1200 AC 120=222 AC 240=114

CONSUMPTION(W)
DC 24=28.8 AC 120=26 AC 240=26.1

LUMINANCE(LM)
CW=2236 WW=1834

IK
05



ITEM
HX1000TLLW2W-48A (low voltage)

LIGHT SOURCE
12x4W Nichia

LENS
A24(A24/15°)

LENS OPTIONAL DEGREE
15°

LENGTH(MM)
1000

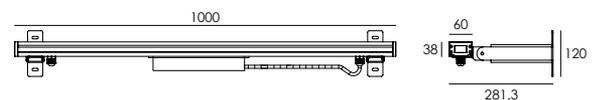
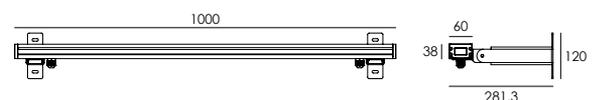
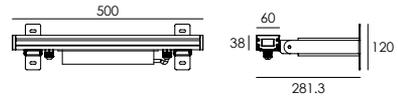
INPUT VOLTAGE(V)
DC 24 AC 120 AC 240 (high voltage)

OPERATING CURRENT(MA)
DC 24=2380 AC 120=425 AC 240=214

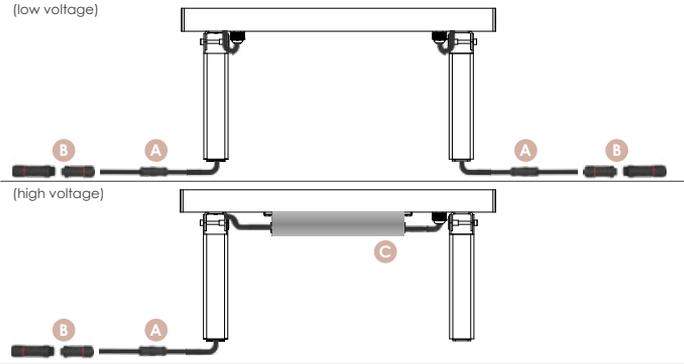
CONSUMPTION(W)
DC 24=57.6 AC 120=50 AC 240=51

LUMINANCE(LM)
CW=4417 WW=3622

IK
05

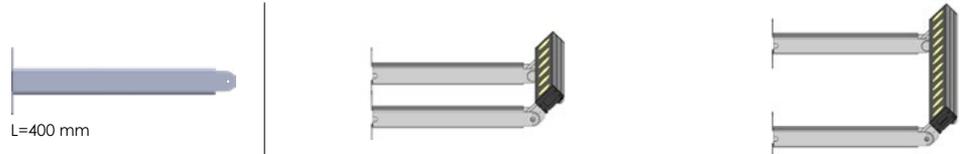


WATER PROOF SOLUTION

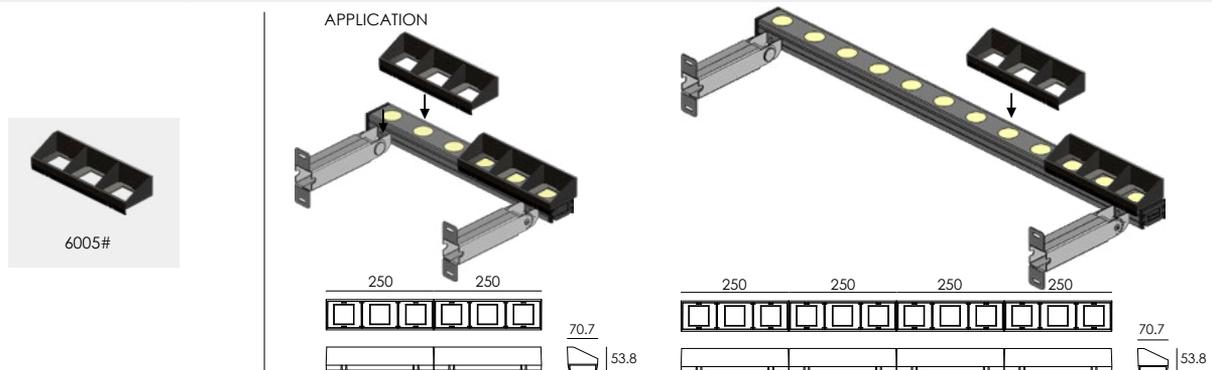


- A Water-Stopper(Included)**
A IP-65 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.
- B IP67 Jiffy quick plug/socket connector(Optional)**
A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.
- C High voltage driver IP65**

EXTERNAL BRACKET(Optional)



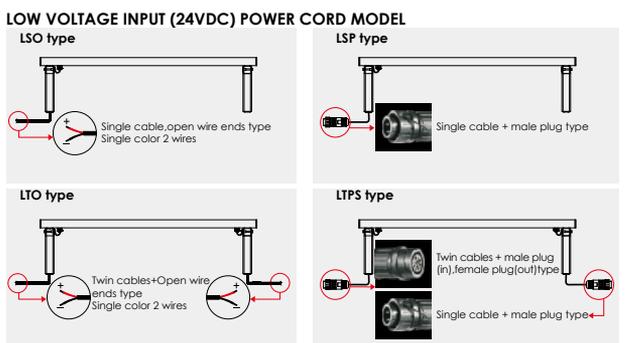
ANTI GLARE LOUVER(Optional)



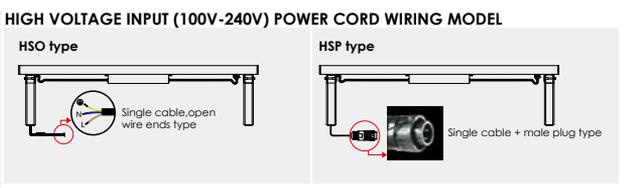
HOUSING Extruded aluminum
BRACKET
LIGHT WINDOW Tempered glass,T=4mm
CABLE GLAND IP-68 PG-13.5 PA66
GASKET Glass and housing are silicone sealed
LENS
LED NICHIA SMD 3535
OPERATING TEMPERATURE -20°C~40°C
POWER CABLE Outside of luminaire
 H07RN-F 2×1.5mm², L=1.1m(12V/24V)
 H05RN-F 3×1.0mm², L=1.1m(120V/240V)
DIMMING SUPPORT Triac PWM Available
 1-10V Dali Customized

OPTICS Referenced Degree(°)91/2
 A24 | 15° 30° 15°×30° 15°×45°

CONNECTION



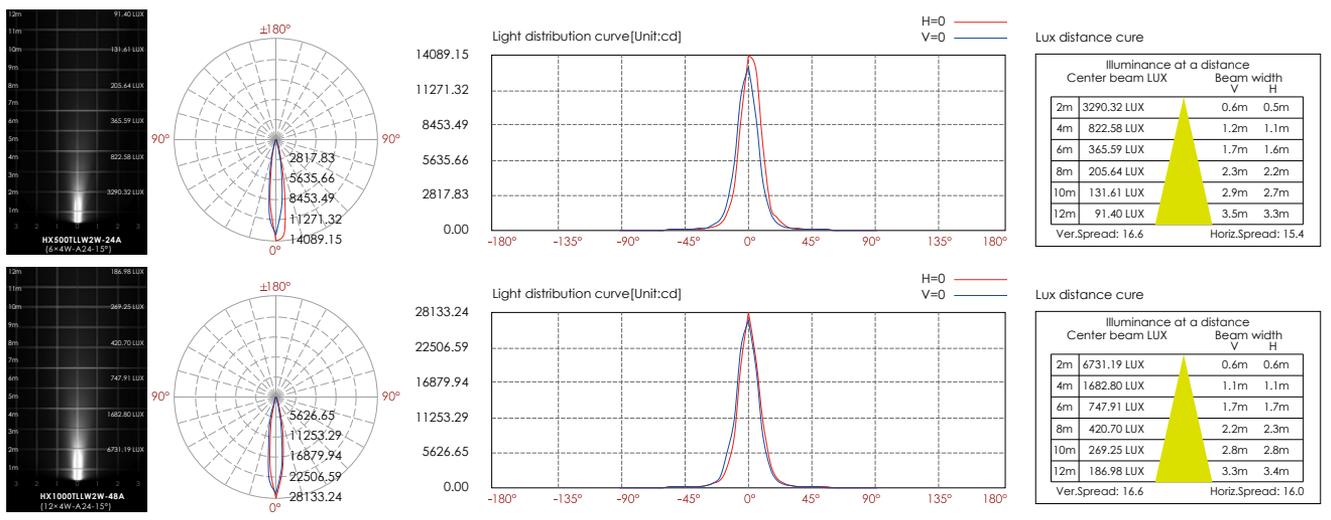
•Low voltage input default: Twin LTO type power cable, waterproof plugs are not included. (Other power cable type and plugs are optional)



•High voltage input default: Single HSO type power cable, waterproof plugs are not included. (Other power cable type and plugs are optional)



PHOTOMETRIC(Non anti glare louver)





ITEM
HX500TLLW2W-12

LIGHT SOURCE
12×1W

LENS
B15

SELECTED DEGREE(°)Θ1/2
10°
33°

LENGTH(MM)
500

INPUT VOLTAGE(V)
DC 24

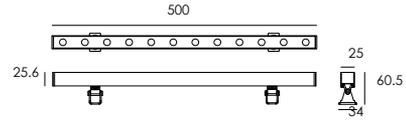
OPERATING CURRENT(MA)
610

CONSUMPTION(W)
DC 24=14.5

LUMINANCE(LM)
CW=820 WW=700

IK
03

(low voltage)



ITEM
HX1000TLLW2W-24

LIGHT SOURCE
24×1W

LENS
B15

SELECTED DEGREE(°)Θ1/2
10°
33°

LENGTH(MM)
1000

INPUT VOLTAGE(V)
DC 24

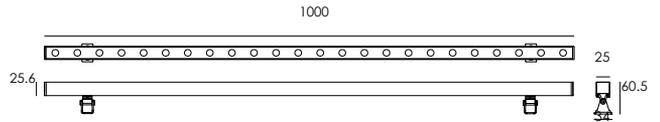
OPERATING CURRENT(MA)
1220

CONSUMPTION(W)
DC 24=29

LUMINANCE(LM)
CW=1660 WW=1413

IK
03

(low voltage)



SPECIFICATION

HOUSING	painting
BRACKET	Hard chromeplated stainless steel SUS 304#
LIGHT WINDOW	Tempered glass.T=3mm
GASKET	Glass and housing are silicone sealed
LENS	
LED	Single color ORSAM LED
POWER CABLE	Outside of luminaire H03VV-F 2×0.75mm ² , L=0.25m(12V/24V) H05RN-F 3×1.0mm ² , L=0.5m(120V/240V)
DIMMING SUPPORT	Triac PWM Available 1-10V Dali Customized

OPERATIONAL RESTRICTION

OPERATING TEMPERATURE -20°C~40°C

OPTICS

Referenced Degree(°)Θ1/2

	B15	10° 33°
	B38	25°×50°
	B85	10°+film = 12°×65°

WATER PROOF SOLUTION

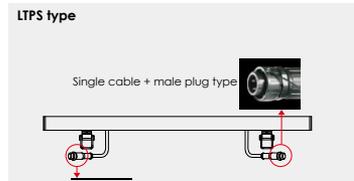
(low voltage)



A IP67 Jiffy quick plug/socket connector(Included)
 A IP-67 connector is an assembly and ensures that water vapor will not enter into luminaires directly.

CONNECTION

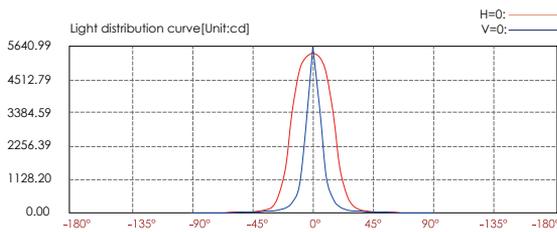
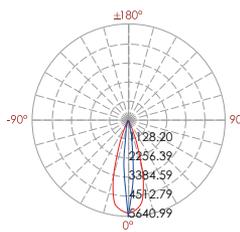
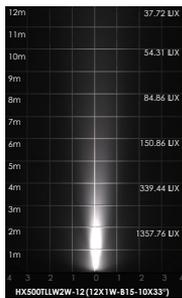
LOW VOLTAGE INPUT (DC 24) POWER CABLE TYPE



-Low voltage input default: LTPS type power cable with conducted input and output, waterproof socket connector are included.



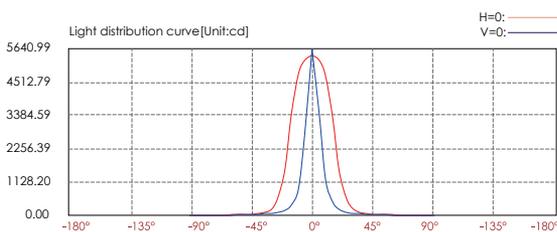
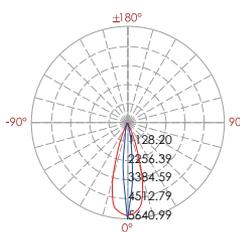
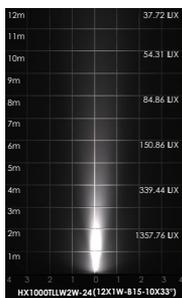
PHOTOMETRIC(Non anti glare louver)



Lux distance cure

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

Ver.Spread:32.9 Horiz.Spread:11.2



Lux distance cure

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

Ver.Spread:32.9 Horiz.Spread:11.2



ITEM
HX500TLLW2W-12A

LIGHT SOURCE
12×1W

LENS
B15

SELECTED DEGREE(°)Ø1/2
10°
33°

LENGTH(MM)
500

INPUT VOLTAGE(V)
DC 120 240

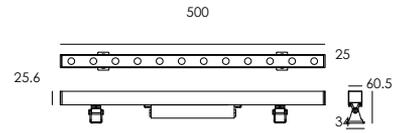
OPERATING CURRENT(MA)
120V=130 240V=65

CONSUMPTION(W)
DC 120V=15.0 240V=15.0

LUMINANCE(LM)
CW=1080 WW=864

IK
02

(high voltage)



ITEM
HX1000TLLW2W-12A

LIGHT SOURCE
24×1W

LENS
B15

SELECTED DEGREE(°)Ø1/2
10°
33°

LENGTH(MM)
1000

INPUT VOLTAGE(V)
DC 120 240

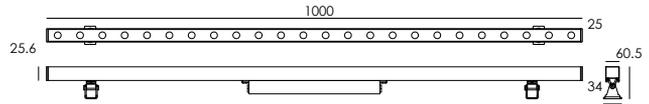
OPERATING CURRENT(MA)
120V=295 240V=163

CONSUMPTION(W)
DC 120V=35 240V=35

LUMINANCE(LM)
CW=2140 WW=1976

IK
02

(high voltage)



SPECIFICATION

HOUSING	painting
BRACKET	Hard chromeplated stainless steel SUS 304#
LIGHT WINDOW	Tempered glass.T=3mm
GASKET	Glass and housing are silicone sealed
LENS	
LED	Single color ORSAM LED
POWER CABLE	Outside of luminaire H03VV-F 2×0.75mm ² , L=0.25m(12V/24V) H05RN-F 3×1.0mm ² , L=0.5m(120V/240V)
DIMMING SUPPORT	Triac PWM Available 1-10V Dali Customized

OPERATIONAL RESTRICTION

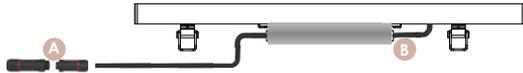
OPERATING TEMPERATURE -20°C~40°C

OPTICS Referenced Degree(°)Ø1/2

	B15	10° 33°
	B38	25°×50°
	B85	10°+film = 12°×65°

WATER PROOF SOLUTION

(high voltage)

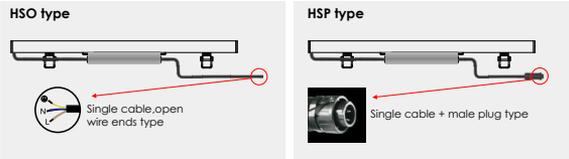


A IP67 Jiffy quick plug/socket connector(Option)
A IP-67 connector is an optional assembly and ensures that water vapor will not enter into luminaires directly.

B High voltage driver IP65

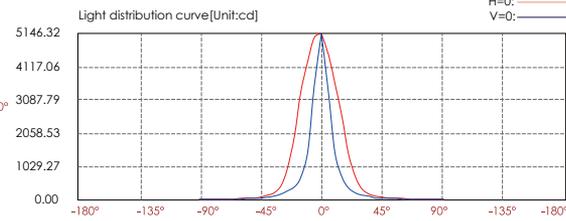
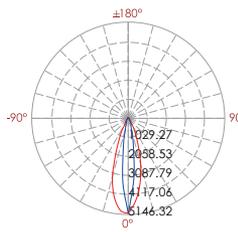
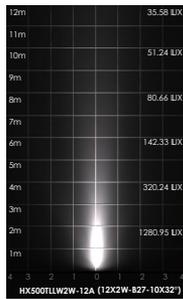
CONNECTION

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



•**High voltage input default:** HSO type power cable, waterproof socket connector are not included(optional).

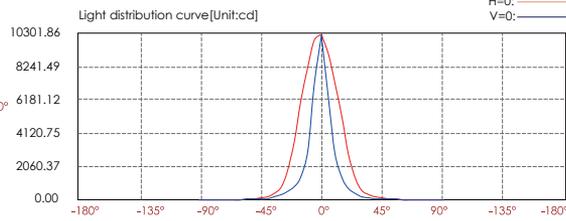
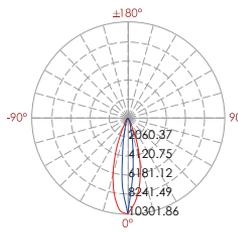
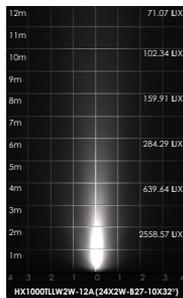
PHOTOMETRIC(Non anti glare louver)



Lux distance cure

Center beam LUX	Illuminance at a distance	
	Beam width V	H
2m	1280.95 LUX	1.2m 0.5m
4m	320.24 LUX	2.3m 1.0m
6m	142.33 LUX	3.5m 1.5m
8m	80.06 LUX	4.7m 2.0m
10m	51.24 LUX	5.8m 2.5m
12m	35.58 LUX	7.0m 3.0m

Ver.Spread:32.6 Horiz.Spread:14.2



Lux distance cure

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

Ver.Spread:32.0 Horiz.Spread:14.1



ITEM
HX500TLLW1W-18

LIGHT SOURCE
12×1.5W

LENS
B27

SELECTED DEGREE(°)Θ1/2
10°
33°

LENGTH(MM)
493

INPUT VOLTAGE(V)
DC 24

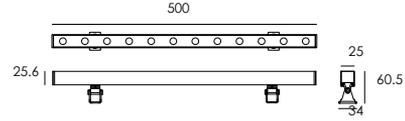
OPERATING CURRENT(MA)
1000

CONSUMPTION(W)
24

LUMINANCE(LM)
CW=1485 WW=1263

IK
06

(low voltage)



ITEM
HX1000TLLW1W-36

LIGHT SOURCE
24×1.5W

LENS
B27

SELECTED DEGREE(°)Θ1/2
10°
33°

LENGTH(MM)
973

INPUT VOLTAGE(V)
DC 24

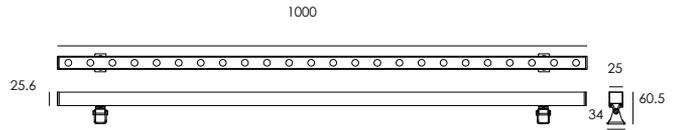
OPERATING CURRENT(MA)
1985

CONSUMPTION(W)
47

LUMINANCE(LM)
CW=2900 WW=2470

IK
06

(low voltage)



SPECIFICATION

HOUSING	painting
BRACKET	Hard chromeplated stainless steel SUS 304#
LIGHT WINDOW	Tempered glass,T=4mm
CABLE GLAND	IP68 PG-9 PA66
GASKET	Glass and housing are silicone sealed
LENS	
LED	Single color ORSAM LED
POWER CABLE	Outside of luminaire H03VV-F 2×0.75mm ² , L=0.25m(12V/24V) H05RN-F 3×1.0mm ² , L=0.5m(120V/240V)
DIMMING SUPPORT	Triac PWM Available 1-10V Dali Customized

OPERATIONAL RESTRICTION

OPERATING TEMPERATURE -20°C~40°C

OPTICS

Referenced Degree(°)Θ1/2



B27	10° 33°	15°×32°	15°×58°
B45	10°×60°		

WATER PROOF SOLUTION

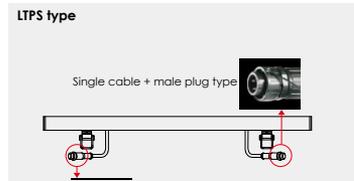
(low voltage)



A IP67 Jiffy quick plug/socket connector(Included)
A IP-67 connector is an assembly and ensures that water vapor will not enter into luminaires directly.

CONNECTION

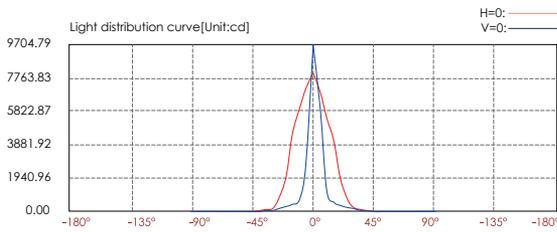
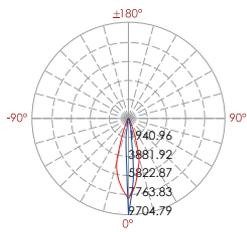
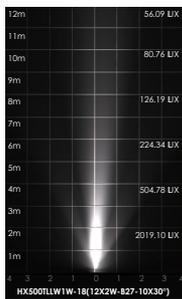
LOW VOLTAGE INPUT (DC 24) POWER CABLE TYPE



Low voltage input default: LTPS type power cable with conducted input and output, waterproof socket connector are included.



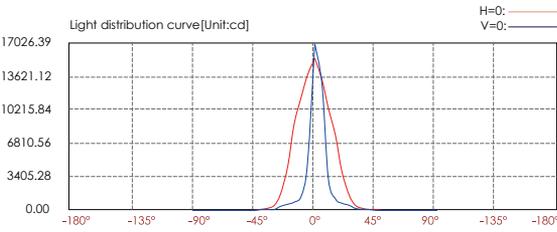
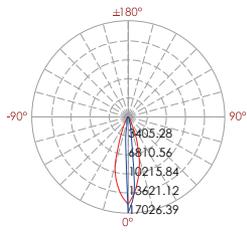
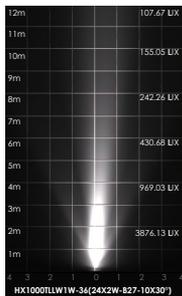
PHOTOMETRIC(Non anti glare louver)



Lux distance cure

Distance (m)	Center beam LUX	Beam width V (m)	Beam width H (m)
2m	1019.10 LUX	0.9m	0.3m
4m	504.78 LUX	1.9m	0.7m
6m	224.34 LUX	2.8m	1.0m
8m	126.19 LUX	3.7m	1.3m
10m	80.76 LUX	4.6m	1.7m
12m	56.09 LUX	5.6m	2.0m

Ver.Spread:26.2 Horiz.Spread:9.6



Lux distance cure

Distance (m)	Center beam LUX	Beam width V (m)	Beam width H (m)
2m	387.63 LUX	1.0m	0.4m
4m	96.90 LUX	2.0m	0.8m
6m	430.68 LUX	3.1m	1.1m
8m	242.26 LUX	4.1m	1.5m
10m	155.05 LUX	5.1m	1.9m
12m	107.67 LUX	6.1m	2.3m

Ver.Spread:28.7 Horiz.Spread:10.8



ITEM
HX500TLLW1W-18A

LIGHT SOURCE
12×1.5W

LENS
B27

SELECTED DEGREE(°)Ø1/2
10°
33°

LENGTH(MM)
493

INPUT VOLTAGE(V)
DC 120 240

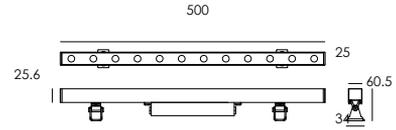
OPERATING CURRENT(MA)
DC 120=203 240=109

CONSUMPTION(W)
DC 120=24.4 240=25.2

LUMINANCE(LM)
CW=1672 WW=1422

IK
05

(high voltage)



ITEM
S6KC2457

LIGHT SOURCE
24×1.5W

LENS
B27

SELECTED DEGREE(°)Ø1/2
10°
33°

LENGTH(MM)
973

INPUT VOLTAGE(V)
DC 120 240

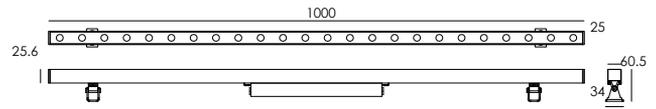
OPERATING CURRENT(MA)
DC 120=414 240=212

CONSUMPTION(W)
DC 120=48.0 240=48.3

LUMINANCE(LM)
CW=3302 WW=2708

IK
05

(high voltage)



SPECIFICATION

HOUSING	painting
BRACKET	Hard chromeplated stainless steel SUS 304#
LIGHT WINDOW	Tempered glass.T=4mm
CABLE GLAND	IP68 PG-9 PA66
GASKET	Glass and housing are silicone sealed
LENS	
LED	Single color ORSAM LED
POWER CABLE	Outside of luminaire H03VV-F 2×0.75mm ² , L=0.25m(12V/24V) H05RN-F 3×1.0mm ² , L=0.5m(120V/240V)
DIMMING SUPPORT	Triac PWM Available 1-10V Dali Customized

OPERATIONAL RESTRICTION

OPERATING TEMPERATURE -20°C~40°C

OPTICS

Referenced Degree(°)Ø1/2



B27

10°
33°

15°×32°

15°×58°

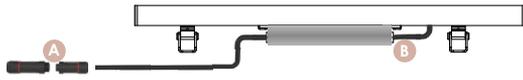


B45

10°×60°

WATER PROOF SOLUTION

(high voltage)



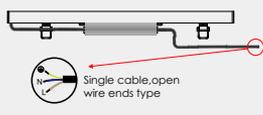
A IP67 Jiffy quick plug/socket connector(Option)
 A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

B High voltage driver IP65

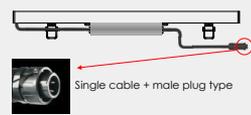
CONNECTION

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

HSO type

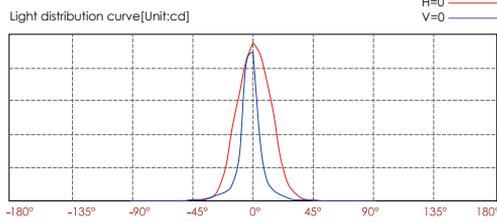
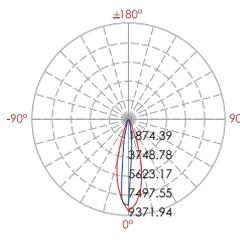
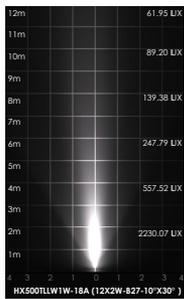


HSP type



•High voltage input defult: HSO type power cable, waterproof socket connector are not included(optional).

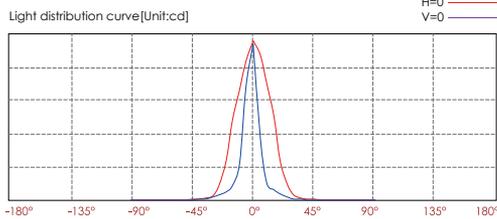
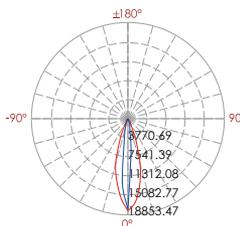
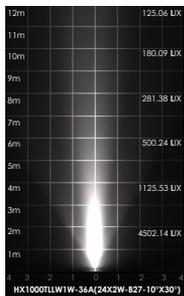
PHOTOMETRIC(Non anti glare louver)



Lux distance cure

Center beam LUX	Beam width V	H
2m	0.5m	0.5m
4m	1.9m	1.4m
6m	2.9m	1.4m
8m	3.9m	1.8m
10m	4.8m	2.3m
12m	5.8m	2.8m

Ver.Spread:27.1 Horiz.Spread:13.1



Lux distance cure

Center beam LUX	Beam width V	H
2m	0.1m	0.4m
4m	2.2m	0.8m
6m	3.3m	1.2m
8m	4.4m	1.6m
10m	5.5m	2.0m
12m	6.6m	2.4m

Ver.Spread:30.9 Horiz.Spread:11.4



ITEM
HX500TLLW3W-24

LIGHT SOURCE
6×4W Nichia

LENS
A24

SELECTED DEGREE(°)Ø1/2
15°
30°

LENGTH(MM)
525

INPUT VOLTAGE(V)
DC 24

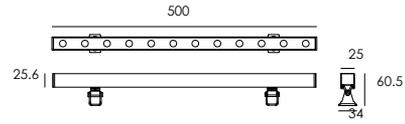
OPERATING CURRENT(MA)
DC 24=1200

CONSUMPTION(W)
DC 24=28.8

LUMINANCE(LM)
CW=1930 WW=1583

IK
05

(low voltage)



ITEM
HX1000TLLW3W-48

LIGHT SOURCE
12×4W Nichia

LENS
A24

SELECTED DEGREE(°)Ø1/2
15°
30°

LENGTH(MM)
1025

INPUT VOLTAGE(V)
DC 24

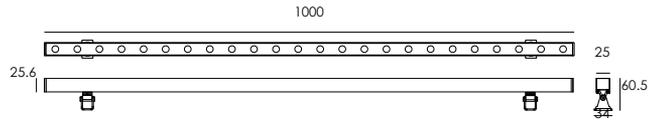
OPERATING CURRENT(MA)
DC 24=2380

CONSUMPTION(W)
DC 24=57.6

LUMINANCE(LM)
CW=3976 WW=3261

IK
05

(low voltage)



SPECIFICATION

HOUSING	Extruded aluminum, powder coated
BRACKET	Hard chrome plated stainless steel SUS 316L# T=1.5mm
LIGHT WINDOW	Tempered glass, T=4mm
CABLE GLAND	IP68 PG-9 PA66
GASKET	Glass and housing are silicone sealed
LENS	
LED	NICHIA SMD 3535
POWER CABLE	Outside of luminaire H03VV-F 2×0.75mm ² , L=0.25m(12V/24V) H05RN-F 3×1.0mm ² , L=0.5m(120V/240V)
DIMMING SUPPORT	Triac PWM Available 1-10V Dali Customized

OPERATIONAL RESTRICTION

OPERATING TEMPERATURE -20°C~40°C

OPTICS

Referenced Degree(°)Ø1/2



A24

15°
30°

15°×45°

WATER PROOF SOLUTION

(low voltage)

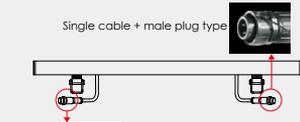


A IP67 Jiffy quick plug/socket connector(Included)
 A IP-67 connector is an assembly and ensures that water vapor will not enter into luminaires directly.

CONNECTION

LOW VOLTAGE INPUT (DC 24) POWER CABLE TYPE

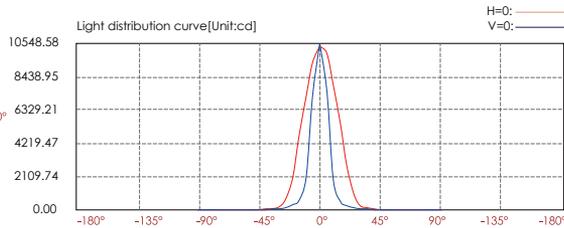
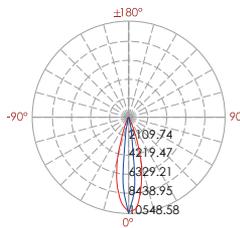
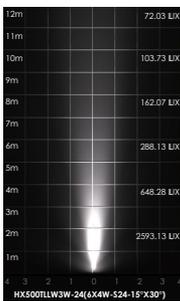
LTPS type



Low voltage input default: LTPS type power cable with conducted input and output, waterproof socket connector are included.



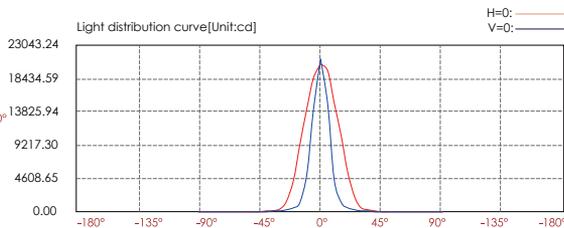
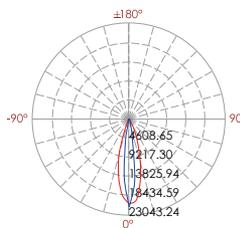
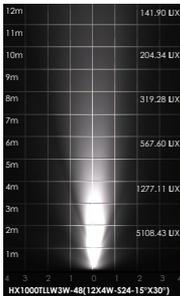
PHOTOMETRIC(Non anti glare louver)



Lux distance cure

Distance (m)	Center beam LUX	Beam width V (m)	Beam width H (m)
2m	2593.13 LUX	1.0m	0.5m
4m	648.28 LUX	2.1m	1.0m
6m	288.13 LUX	3.1m	1.5m
8m	162.07 LUX	4.2m	1.9m
10m	103.73 LUX	5.2m	2.4m
12m	72.03 LUX	6.2m	2.9m

Ver.Spread:29.1 Horiz.Spread:13.8



Lux distance cure

Distance (m)	Center beam LUX	Beam width V (m)	Beam width H (m)
2m	5108.43 LUX	1.0m	0.5m
4m	1277.11 LUX	2.0m	1.0m
6m	567.60 LUX	3.1m	1.5m
8m	319.28 LUX	4.1m	2.0m
10m	204.34 LUX	5.1m	2.5m
12m	141.90 LUX	6.1m	3.0m

Ver.Spread:28.7 Horiz.Spread:14.1



ITEM
HX500TLLW3W-24A

LIGHT SOURCE
6×4W Nichia

LENS
A24

SELECTED DEGREE(°)Ø1/2
15°
30°

LENGTH(MM)
525

INPUT VOLTAGE(V)
DC 120 240

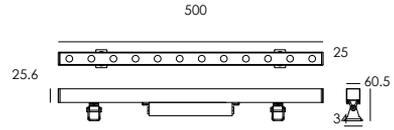
OPERATING CURRENT(MA)
DC 120=222 240=114

CONSUMPTION(W)
DC 120=26 240=26.1

LUMINANCE(LM)
CW=1930 WW=1583

IK
05

(high voltage)



ITEM
HX1000TLLW3W-48A

LIGHT SOURCE
12×4W Nichia

LENS
A24

SELECTED DEGREE(°)Ø1/2
15°
30°

LENGTH(MM)
1025

INPUT VOLTAGE(V)
DC 120 240

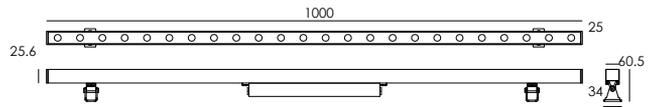
OPERATING CURRENT(MA)
DC 120=425 240=214

CONSUMPTION(W)
DC 120=50 240=51

LUMINANCE(LM)
CW=3976 WW=3261

IK
05

(high voltage)



SPECIFICATION

HOUSING	painting
BRACKET	Hard chromeplated stainless steel SUS 304#
LIGHT WINDOW	Tempered glass.T=4mm
CABLE GLAND	IP68 PG-9 PA66
GASKET	Glass and housing are silicone sealed
LENS	
LED	Single color ORSAM LED
POWER CABLE	Outside of luminaire H03VV-F 2×0.75mm², L=0.25m(12V/24V) H05RN-F 3×1.0mm², L=0.5m(120V/240V)
DIMMING SUPPORT	Triac PWM Available 1-10V Dali Customized

OPERATIONAL RESTRICTION

OPERATING TEMPERATURE -20°C~40°C

OPTICS Referenced Degree(°)Ø1/2



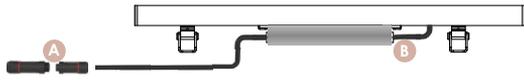
A24

15°
30°

15°×45°

WATER PROOF SOLUTION

(high voltage)



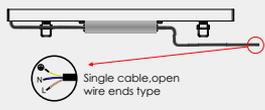
A IP67 Jiffy quick plug/socket connector(Option)
A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

B High voltage driver IP65

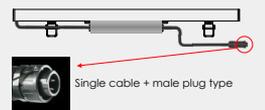
CONNECTION

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

HSO type

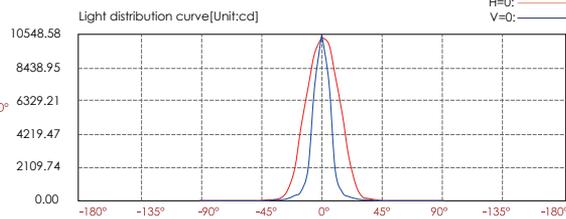
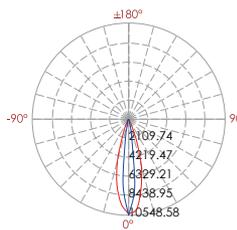
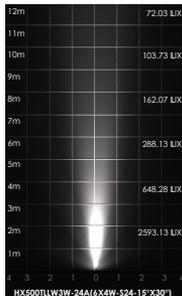


HSP type



•**High voltage input default:** HSO type power cable, waterproof socket connector are not included(optional).

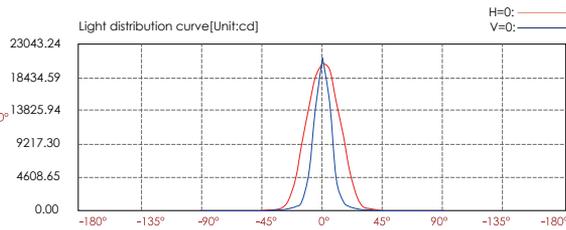
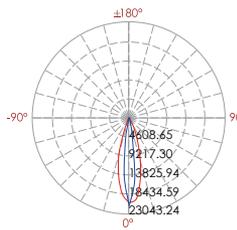
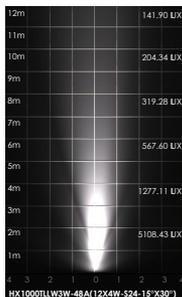
PHOTOMETRIC(Non anti glare louver)



Lux distance cure

Center beam LUX	Beam width V	H
2m	1.0m	0.5m
4m	2.1m	1.0m
6m	3.1m	1.5m
8m	4.2m	1.9m
10m	5.2m	2.4m
12m	6.2m	2.9m

Ver.Spread:29.1 Horiz.Spread:13.8



Lux distance cure

Center beam LUX	Beam width V	H
2m	1.0m	0.5m
4m	2.0m	1.0m
6m	3.1m	1.5m
8m	4.1m	2.0m
10m	5.1m	2.5m
12m	6.1m	3.0m

Ver.Spread:28.7 Horiz.Spread:14.1