

IP 67	IK 10	Ta 50°C	CRI Ra 85	VAC 220/240	CE			RoHS
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Beam	18°	24°	32°	5W
Angles	15°	24°	38°	7W
	12°	22°	35°	12W
	10°	22°	38°	18W
	12°	25°	38°	25W
	8°	24°	38°	40W



5W	7W	12W	18W	25W	40W
Φ95mm	Φ116mm	Φ173mm	Φ210mm	Φ250mm	Φ300mm
A=107mm B=131mm	A=98mm B=123mm	A=128mm B=153mm	A=152mm B=179mm	A=161mm B=190mm	A=185mm B=207mm
Φ83mm 201mm	Φ106mm 201mm	Φ155mm 220mm	Φ179mm 220mm	Φ222mm 220mm	Φ268mm 223mm
Φ83mm 136mm	Φ106mm 151mm	Φ163mm	Φ177mm	Φ218mm	Φ268mm

Accessories(Optional):



Honeycomb Louver

HL01 - 5W
HL02 - 7W
HL03 - 12W
HL04 - 18W
HL05 - 25W
HL06 - 40W

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

Water Proof Solution:



A Water-Stopper(Included)

A IP67 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 IP67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

Key Information

Shape	Round
Mounting Type	Inground
LED Type	LED COB
Power Options	5W / 7W / 12W / 18W / 25W / 40W
CCT(K) Options	2700K / 3000K / 4000K / 5000K
Luminous Efficacy	90-130lm/W
CRI	85
SDCM	< 3
Lifespan	50,000 hours(L90 B10 @35°)

Physical

Housing	Die cast aluminium dark grey powder coated
Front Cover	Hard chrome-plated stainless steel SUS 316L#
Diffuser	Tempered glass . T=6-10mm
Reflector	Aluminium
Gasket	Silicon rubber molding shaped seal
Power Cable (Outside of Luminaire)	5W: 240VAC: H05RN-F 3x1.0mm², L=0.5m 24VDC : H05RN-F 2x1.0mm², L=0.5m 7W / 12W / 18W / 25W / 40W 240VAC: H07RN-F 3x1.0mm², L=0.5m 24VDC : H07RN-F 2x1.0mm², L=0.5m
Cable Gland	5W : IP68 PG-9 PA66 7W / 12W / 18W: IP68 PG-11 PA66 25W : IP68 PG-13.5 PA66 40W: IP68 PG-13.5 PA66
Glass Pressure Capacity	5W : Full area = 1195Kgs 7W : Full area = 2526Kgs 12W : Full area = 2621Kgs 18W : Full area = 2940Kgs 25W : Full area = 5513Kgs 40W: Full area = 5356Kgs
Sleeve Material	PC/ABS alloys

Environmental

Installation Environment	Outdoor
IK Rating	10
IP Rating	IP67
Operating Temperature	-20° to 50°C
Humidity	10~90%

Driver

Input Voltage	220~240VAC 50/60Hz 24VDC (as an option)
Class Rating	Class I
Power Factor	>0.92
Standard	On/off
Dimming Options	DALI2 / 0-10V / PWM / Triac

Applications:

Building facades, tree trunks, entrances, lobbies, pathways, exterior columns and walls.

Application Photo:



Ordering Guide:

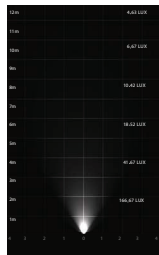
Product	CCT (K)	Wattage (W)	Beam Angle(°)	Voltage	Color Finish	Driver
GL I= Glacial I	2.7K=2700K 3K=3000K 4K=4000K 5K=5000K	5W	18° 24° 32°	240VAC 24VDC	S= Stainless	S=On/Off D=DALI2 V=0-10V P=PWM T=Triac
		7W	15° 24° 38° 60°			
		12W	12° 22° 35° 55°			
		18W	10° 22° 38°			
		25W	12° 25° 38°			
		40W	8° 24° 38°			

* Please choose wattages and beam angle from same color box matching respective product.

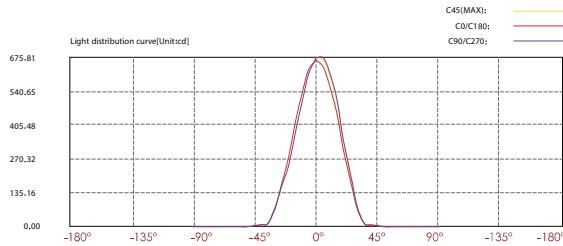
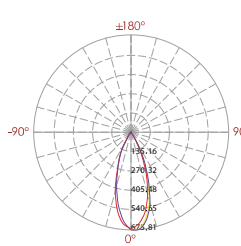
Product Code	Wattage	CCT	Lumens	Dimensions (mm)
GL I-3K-5W-24°-240VAC-S-S	5W	3000K	441lm	Ø95 x 131mm
GL I-3K-7W-24°-240VAC-S-S	7W	3000K	744lm	Ø116 x 123mm
GL I-3K-12W-22°-240VAC-S-S	12W	3000K	1389lm	Ø173 x 153mm
GL I-3K-18W-22°-240VAC-S-S	18W	3000K	1760lm	Ø210 x 179mm
GL I-3K-25W-12°-240VAC-S-S	25W	3000K	2803lm	Ø250 x 190mm
GL I-3K-40W-24°-240VAC-S-S	40W	3000K	4097lm	Ø300 x 207mm

* Please contact us for other CCT(2700K, 4000K and 6000K), and Dimming control options.

Photometric:



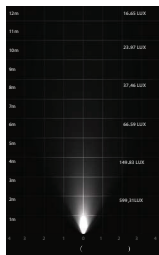
Glacial I - 5W - 24°



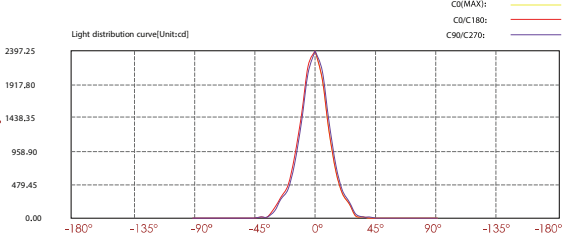
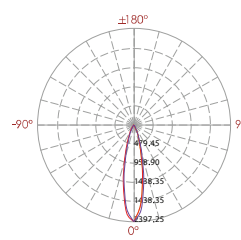
Lux distance curve

Center beam LUX	Beam width V	H
2m 166.67 LUX	1.3m	1.3m
4m 41.67 LUX	2.7m	2.7m
6m 18.52 LUX	4.0m	4.0m
8m 10.42 LUX	5.3m	5.3m
10m 6.67 LUX	6.7m	6.7m
12m 4.44 LUX	8.0m	8.0m

Ver.Spread:36.9 Horiz.Spread:36.9



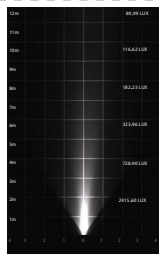
Glacial I - 7W - 24°



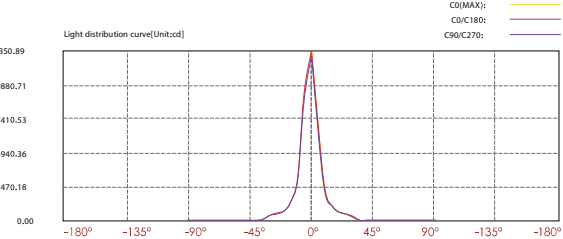
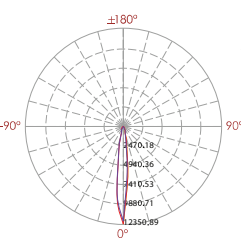
Lux distance curve

Center beam LUX	Beam width V	H
2m 599.31 LUX	0.8m	0.8m
4m 149.83 LUX	1.6m	1.6m
6m 66.59 LUX	2.5m	2.4m
8m 37.46 LUX	3.3m	3.2m
10m 23.97 LUX	4.1m	4.1m
12m 16.65 LUX	4.9m	4.9m

Ver.Spread:23.1 Horiz.Spread:23.0



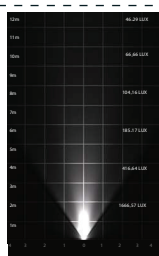
Glacial I - 12W - 12°



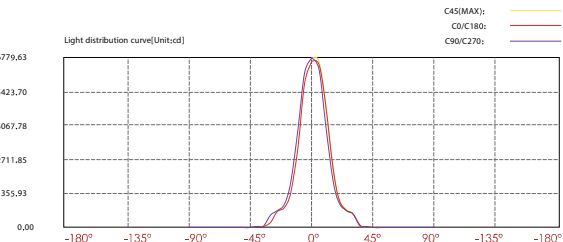
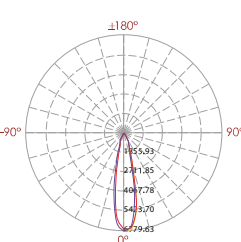
Lux distance curve

Center beam LUX	Beam width V	H
2m 887.72 LUX	0.8m	0.5m
4m 771.93 LUX	0.9m	0.9m
6m 343.08 LUX	1.3m	1.4m
8m 192.88 LUX	1.7m	1.8m
10m 123.51 LUX	2.2m	2.3m
12m 85.77 LUX	2.6m	2.8m

Ver.Spread:12.3 Horiz.Spread:13.1



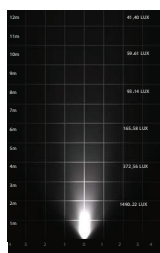
Glacial I - 18W - 22°



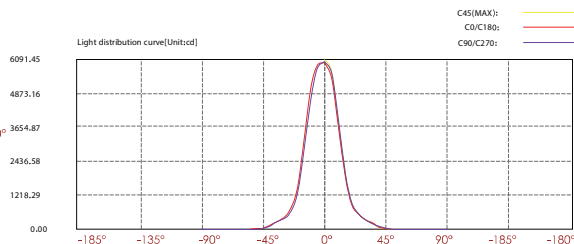
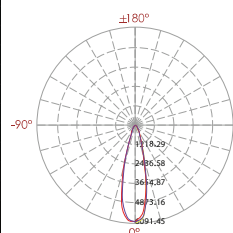
Lux distance curve

Center beam LUX	Beam width V	H
2m 666.57 LUX	0.8m	0.8m
4m 416.64 LUX	1.6m	1.6m
6m 182.17 LUX	2.4m	2.4m
8m 104.16 LUX	3.3m	3.2m
10m 66.66 LUX	4.1m	4.0m
12m 46.29 LUX	4.9m	4.8m

Ver.Spread:23.0 Horiz.Spread:22.8



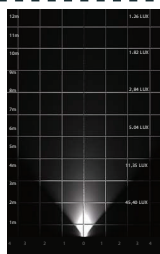
Glacial I - 25W - 25°



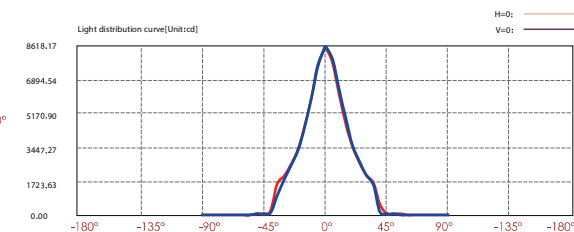
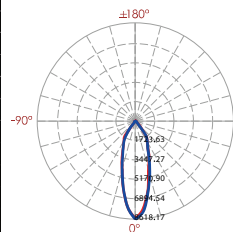
Lux distance curve

Center beam LUX	Beam width	V	H
2m	490.22 LUX	0.9m	1.0m
4m	372.56 LUX	1.8m	1.9m
6m	165.58 LUX	2.8m	2.9m
8m	93.14 LUX	3.8m	3.8m
10m	59.61 LUX	4.7m	4.8m
12m	41.40 LUX	5.7m	2.7m

Ver.Spread:26.5 Horiz.Spread:26.9



Glacial I - 40W - 24°



Lux distance curve

Center Beam LUX	Beam Width	V	H
2m	2139.95 LUX	1.1m	1.2m
4m	534.99 LUX	2.3m	2.3m
6m	237.77 LUX	3.4m	3.5m
8m	133.75 LUX	4.5m	4.6m
10m	85.60 LUX	5.6m	5.8m
12m	59.44 LUX	6.7m	6.9m

Vert.Spread:31.7 Horiz.Spread:32.3



5W



7W



12W



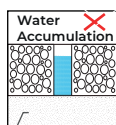
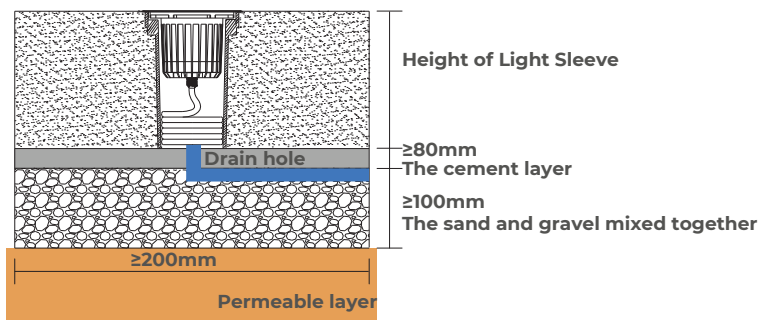
18W



25W

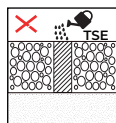


40W



Note:
Please ensure quick water drainage from in ground luminaire cavity to avoid water accumulation around the luminaire housing.

Porous base layer for easy drainage of water.



Note:
Exposure of luminaire to TSE(Treated Sewage Effluent/ Purple Water) should be eliminated.

Warranty»

The warranty will be void if the specified installation method is not followed.

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