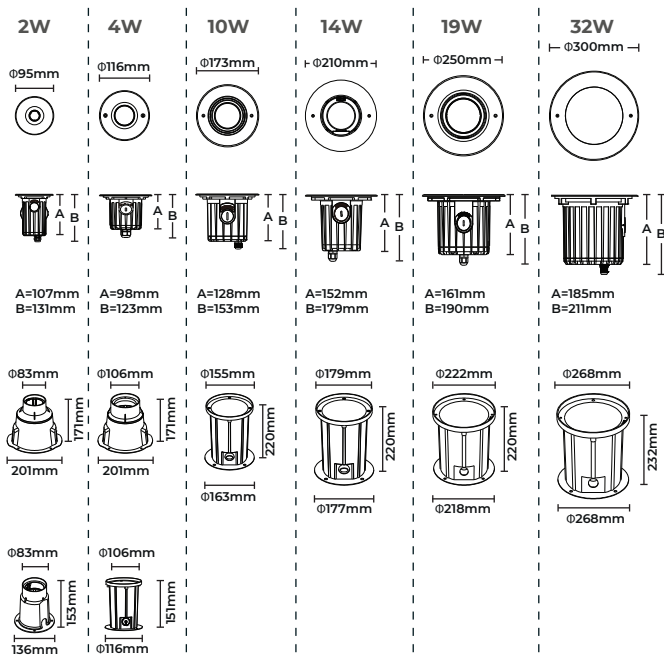




Beam	10° 15° 20° 25° 30° 50° 10°x60° - 2W
Angles	9° 20° 30° 10°x38° - 4W
	15° 20° 30° 45° - 10W
	8° 10° 20° 25° 50° 10°x60° - 19W
	10° 20° 25° 50° 10°x60° - 32W



Accessories(Optional):



- Honeycomb Louver**
- HL01 - 2W
 - HL02 - 4W
 - HL03 - 10W
 - HL04 - 14W
 - HL05 - 19W
 - HL06 - 32W

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 SMD Module
Power Options	2W / 4W / 10W / 14W / 19W / 32W
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=6-8mm
Lens	PMMA
Gasket	Silicon rubber molding shaped seal
Power Cable (Outside of Luminaire)	2W: 240VAC: H05RN-F 3x1.0mm ² , L=0.5m 24VDC: H05RN-F 2x1.0mm ² , L=0.5m 4W / 10W / 14W / 19W / 32W 240VAC: H07RN-F 3x1.0mm ² , L=0.5m 24VDC: H07RN-F 2x1.0mm ² , L=0.5m
Cable Gland	2W: IP68 PG-9 PA66 4W / 10W / 14W: IP68 PG-11 PA66 19W: IP68 PG-13.5 PA66 32W: IP68 PG-13.5 PA66
Glass Pressure Capacity	2W: Full area = 1195Kgs 4W: Full area = 2526Kgs 10W: Full area = 2621Kgs 14W: Full area = 2961Kgs 19W: Full area = 5513Kgs 32W: 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

Applications:

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

Application Photo:



Ordering Guide:

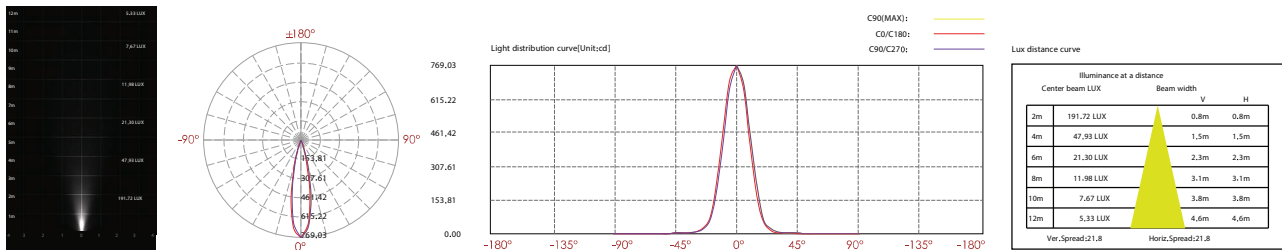
Product	CCT (K)	Wattage (W)	Beam Angle(°)	Voltage	Color Finish	Driver
GL II= Glacial II	2.7K=2700K 3K=3000K 4K=4000K 5K=5000K	2W	10° 20° 24° 25° 30° 50° 10°x60°	240VAC 24VDC	S= Stainless	S=On/Off D=DALI2 V=0-10V
		4W	9° 20° 30° 10°x38°			
		10W	15° 20° 30° 45°			
		14W	15° 20° 30° 45°			
		19W	8° 10° 20° 25° 50° 10°x60°			
		32W	10° 20° 25° 50° 10°x60°			

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

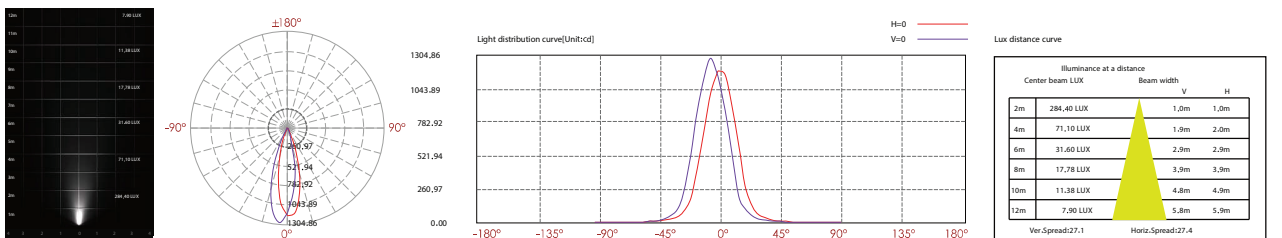
Product Code	Wattage	CCT	Lumens	Dimensions (mm)
GL II-3K-2W-20°-240VAC-S-S	2W	3000K	147lm	Ø95 x 131mm
GL II-3K-4W-20°-240VAC-S-S	4W	3000K	300lm	Ø116 x 123mm
GL II-3K-10W-20°-240VAC-S-S	10W	3000K	700lm	Ø173 x 153mm
GL II-3K-14W-20°-240VAC-S-S	14W	3000K	986lm	Ø210 x 179mm
GL II-3K-19W-20°-240VAC-S-S	19W	3000K	1700lm	Ø250 x 190mm
GL II-3K-32W-20°-240VAC-S-S	32W	3000K	3100lm	Ø300 x 211mm

* Please contact us for other CCT(2700K, 4000K and 5000K), and Dimming control options.

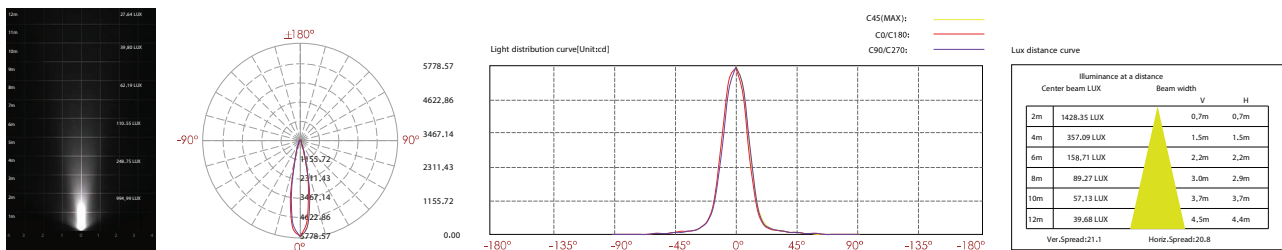
Photometric:



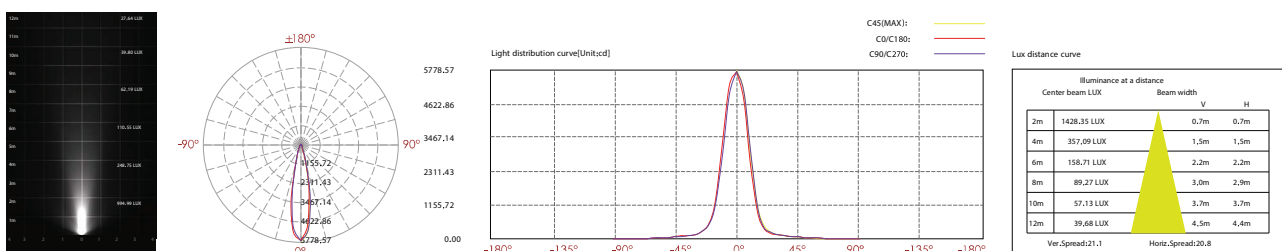
Glacial II - 4W - 20°



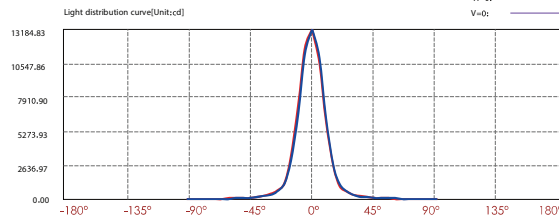
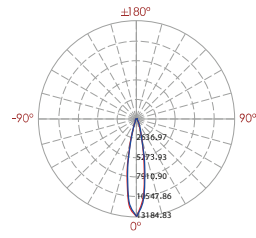
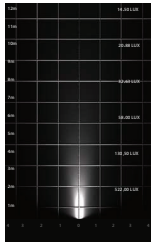
Glacial II - 4W - 25°



Glacial II - 10W - 20°



Glacial II - 14W - 20°



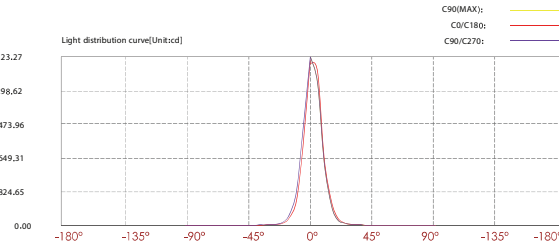
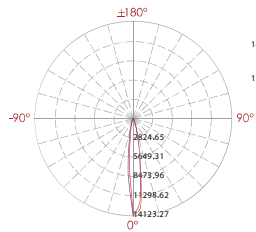
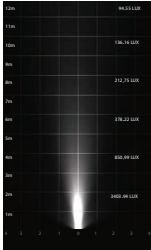
Light distribution curve (Unit:cd)

Hi=0; V=0;

Illuminance at a Distance		
Center Beam LUX	Beam Width	
	V	H
2m	3285.71 LUX	0.7m 0.7m
4m	821.43 LUX	1.4m 1.4m
6m	365.08 LUX	2.1m 2.1m
8m	205.36 LUX	2.8m 2.8m
10m	131.43 LUX	3.6m 3.5m
12m	91.27 LUX	4.3m 4.2m

Vert.Spread:20.2 Horiz.Spread:19.9

Glacial II - 19W - 10°



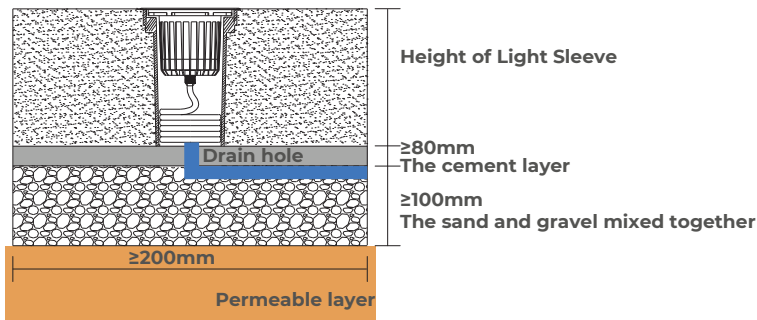
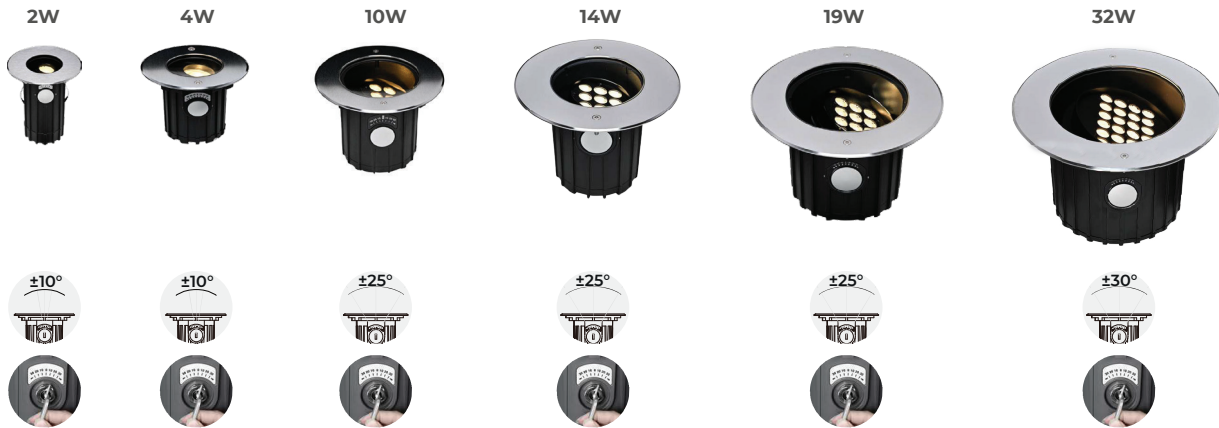
Light distribution curve (Unit:cd)

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

Illuminance at a distance		
Center beam LUX	Beam width	
	V	H
2m	3403.94 LUX	0.5m 0.5m
4m	850.99 LUX	1.0m 1.0m
6m	378.22 LUX	1.5m 1.4m
8m	212.75 LUX	2.0m 1.9m
10m	136.16 LUX	2.6m 2.4m
12m	94.55 LUX	3.1m 2.9m

Vert.Spread:14.5 Horiz.Spread:13.7

Glacial II - 32W - 10°



Water Accumulation

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.

TSE

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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