

Specifications:

Description:

Halius GREEN Integrated solar led street light with PIR Motion Sensor is a new kind of solar led street light for the road lighting. Its solar panel, LED lamp, Controller, battery is all integrated inside the lamp then it is very easy for the installation. It has solved the problem of complex installation and expensive transportation compared with traditional solar LED street light.

Features:

- LiFePO4 Lithium battery.
- Bridgelux 3030 led chips with high brightness.
- All In One Solar Street Light with PIR Motion Sensor.
- Easy installation.
- Elegant Look.
- Long working life.

Performance:

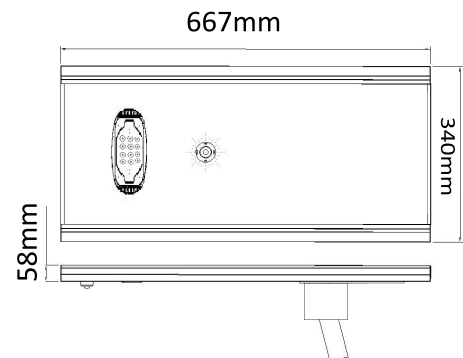
Power	56W
Solar Panel	8V 46W (Mono solar panel)
Battery Type	307.2WH LiFePO4 Lithium battery
CCT	3000K/4000K/6000K
LED Lumen/LPW	8960lm/160lm/W
CRI	90 +
Battery lifespan	5year
Lighting time	12 hours per day for 3 rainy day
Min. Start Temp Max. Operating Temp	-30° C to 50° C
Warranty	5year
Labels	CE, ROHS

HL-LTG-O-SSL-GREE-56W-3000K-120D-B-DI

Image:



Dimensions:



Catalog number:

Eg:HL-LTG-O-SSL-GREE-56W-3000K-120D-B-DI

HL-LTG-O-SSL-GREE-56W- - xxxxK - xxxD - x - xx

B-Black

GR-Grey

CCT	Beam	Finish	DI-Dimmable
3000K	60°	B	ND-Non Dimmable
4000K	90°	GR	
6000K	120°	SL	

HL-LTG-0-SSL-GREE-56W-3000K-120D-B-DI

Functional Data

Solar panel	18V 46W
Battery	307.2WH LiFePO4 Lithium battery
LED Lamp	56W(112PCS LED)
Dimming	Yes
Dimming Protocol	PIR + Light
Charging time	6-7hours (with enough strong shine)
Lighting time	12 hours per day for 3 rainy days
Working mode	PIR Motion Sensor + Light Control
Installation	Mounting height: 6M

Mechanical Data

LengthxWidthxHeight	667x340x158mm
Material	Dicast Aluminum
Fixed/Adjustable	Adjustable
Finish	Black/Grey/Silver
Diameter for pole	Φ 60- Φ 76mm
Vdlifgs Lamp/Sleeve	7.1KG/3.1KG

Optical Data

Chip	Bridgelux
Beam Angle	60°, 90°, 120°
SDCM(Macadam step)	3
CRI	>90
CCT	3000K/4000K/6000K
Life Span	50000Hrs
Luminaire Efficiency(lm/W)	160lm/W
Luminaire Lumen(lm)	8960lm

Thermal Data

Working Temperature	-30° C to 50° C
Storage Temperature	-30°C to 60°C

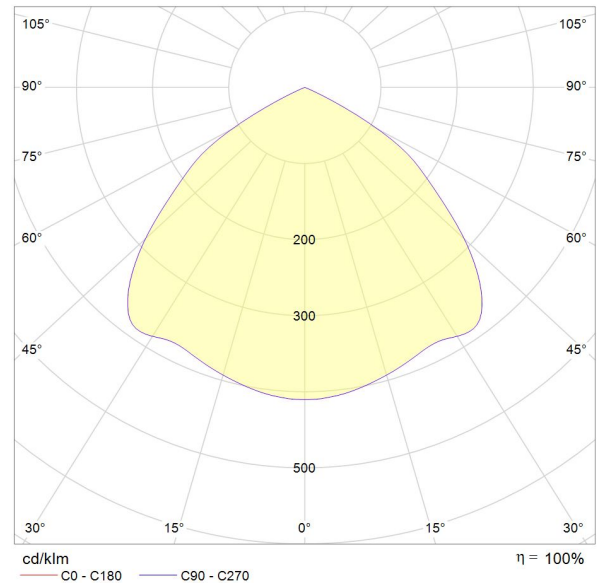
Safety Data

IP	IP66
IK	IK07
CE/ROHS	YES

Photometrics

HL-LTG-0-SSL-GREE-56W-3000K-120D-B-DI

LED Light Engine: 4000K, 92 CRI System Wattage: 56W
Fixture Delivered Lumens: 8960lm Fixture Efficacy: 160lm/w



Cone Diagram

0.5	1.32	E(0°) E(C0)	52.8°	43976 4871
1.0	2.63	E(0°) E(C0)	52.8°	10994 1218
1.5	3.95	E(0°) E(C0)	52.8°	4886 541
2.0	5.27	E(0°) E(C0)	52.8°	2748 304
2.5	6.59	E(0°) E(C0)	52.8°	1759 195
3.0	7.90	E(0°) E(C0)	52.8°	1222 135

Distance [m] Cone Diameter [m]
— C0 - C180 (half-peak divergence: 105.6°)

***Dimming capabilities will vary depending on the dimmer control, load, and circuit installation. *** Always refer to dimmer manufacturer instructions or a controls specialist for specific requirements.