


# GSL901 solar LED garden light

## Application

- Villas, private houses and gardens
- Residential roads
- Car parking
- Shopping streets and public parks
- Small public places
- Country and local roads

## Competitive advantages

- Hybrid-Solar LED Light powered by solar panel, battery and grid connected
- Brand of LED chip: 
- Luminous efficiency: 130 lm/W
- Safety of solar battery: Grade A Lithium iron phosphate
- Lifespan of solar battery: 8 years
- Solar controller: Intelligent management battery electricity
- 960p camera/long distance monitoring/ WiFi or SIM card mode



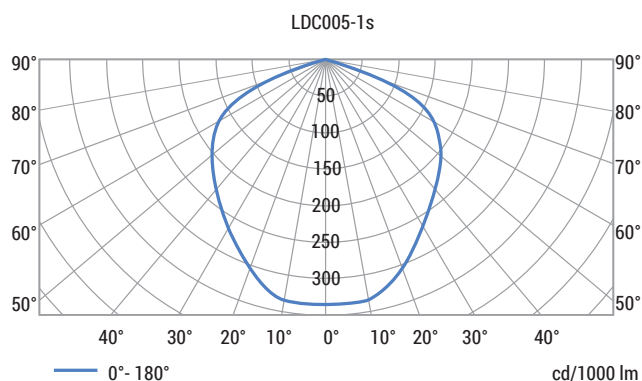
## General performance

- Solar panel: Mono-crystalline silicon
- Dimming: Radar sensor intelligent control
- Beam angle: 120°
- IP protection: IP65
- Operating system: IOS, Android
- High definition video: 960 pix
- TF card capacity: 32 GB

## Warranty and Certificates



## Light distribution curve



TECHNICAL PARAMETERS	GSL901-5W	GSL901H-5W	GSL901S-5W
Type	Hybrid-Solar LED Light powered by solar panel, battery and grid connected		
Input voltage and frequency	90-305V AC 50-60Hz	90-305V AC 50-60Hz	90-305V AC 50-60Hz
Total power of LED chips	5 W	5 W	5 W
Brand of LED chips	Bridgelux	Bridgelux	Bridgelux
Luminous efficiency (lm/W at 350mA)	130	130	130
Total luminous flux (lm at 350 mA)	700	700	700
Light efficiency of luminaire (lm/W)	105	105	105
Beam angle	120°	120°	120°
Correlated color temperature	4000 K	4000 K	4000 K
Color Rendering Index	75 Ra	75 Ra	75 Ra
Period of operational hours	≥ 50.000 h	≥ 50.000 h	≥ 50.000 h
Type of solar battery	Lithium iron phosphate	Lithium iron phosphate	Lithium iron phosphate
Specification of solar battery	12.8 V 6 Ah	12.8 V 6 Ah	12.8 V 6 Ah
Cycle life of battery	≥3000 cycles	≥3000 cycles	≥3000 cycles
Brightness of luminaire	20% (sensor not activated) / 100% (sensor activated)		
Radar sensor	Yes	Yes	Yes
Induction angle of Radar sensor	180°	180°	180°
Type of solar panel	Monocrystalline silicon	Monocrystalline silicon	Monocrystalline silicon
Power of solar panel	18 V 10 Wp	18 V 10 Wp	18 V 10 Wp
Camera	/	960 P	960 P
High definition video	/	960 pix	960 pix
TF card capacity	/	32 GB	32 GB
Stored time of data	/	≥15 days	≥15 days
Angle of camera lens	/	120°	120°
Video format	/	AVI	AVI
Communication mode for monitor	/	WiFi/Internet/GPRS/CDMA	3G/4G (GPRS/CDMA)
Monitoring mode	/	Remote online monitor/AP mode	
Operating control mode	/	APP of mobile phone/computer	
Operating system of mobile	/	IOS system/Android system	
Working temperature	-20~+55°C	-20~+55°C	-20~+55°C
IP protection	IP65	IP65	IP65
Dimensions	430*256*80 mm	430*256*80 mm	430*256*80 mm
Weight	4.2 kg	4.2 kg	4.2 kg
Installation	Wall installation / ø40 steel tube	Wall installation / ø40 steel tube	Wall installation / ø40 steel tube
Recommended installation height	2.0 – 3.0 m	2.0 – 3.0 m	2.0 – 3.0 m