



# Solar Lighting Catalogue



>>> Solar Light



*SOLAR LIGHT*





# Solar Technology that works for you

## Difference between Solar Street Light vs. Traditional On-Grid Street Light

More solar street lights are being installed worldwide and are slowly taking over as the way to illuminate the streets at night, but what are their differences? Why are solar street light systems being used now instead of bringing in the electric current and using a traditional street light? Here are a few differences and reasons these new systems are becoming so popular.

There are two primary types of street light systems: off-grid and grid-tied. Off grid solar lights use no power from the grid and produce their own self-sustaining power on each pole, allowing for a zero electric bill for the life span of the system and produce green, clean energy.

Grid tied street light systems feed off grid power and require extensive infrastructure works (trenches/junction boxes, cabling, etc.) and on-going power supply.

For years, traditional street lights do not take into consideration any specific tailored requirements; the “one shoe fits all” approach is often adopted with mixed and patching results. Spacing, light levels and even power consumption are not taken into consideration. Traditional old style street lights are slowly being switched out for newer solar energy lights. What does all this mean in comparison? If you are dealing with a new project or an area where grid power doesn’t already exist and / or is difficult to bring in, off-grid solar integrated lighting systems is the way to go.



Traditional On-Grid Street Lighting involves a great deal of planning, effort and equipment. Many components and continuous power supply and maintenance.

In the end, knowing what your requirements are, understanding the cost differences between going solar and installing traditional electrical lights will help determine what the best course of action is.

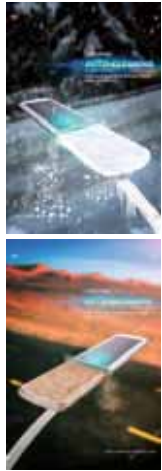


Solar Street Light

**GSL T2**

Auto clean dust or snow in day and night

Material: Aluminium+PC  
 Solar cell: Poly-crystalline  
 Battery: Li-ion battery with 1,500+ cycles  
 Core technology: ALS2.1/TCS/FAS  
 Warranty: 3 years



Automatic cleaning

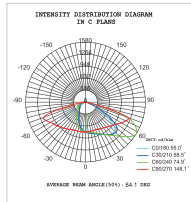


Model type	LED power	Colour temperature	mounting height	installing distance	Luminaire net weight
GSL - 72	40W	4000K	4m	20m	14kg
GSL - 73	60W	4000K	6m	24m	15kg
GSL - 74	80W	4000K	8m	32m	17kg
GSL - 75	100W	4000K	10m	40m	19kg
GSL - 76	120W	4000K	12m	48m	22kg



GSL - 72      GSL - 73      GSL - 74      GSL - 75      GSL - 76

Solar Street Light



DIALUX carte de simulation de route







# Elite 1

Support APP/WEB, Remote management  
Fault warning, Automatic push node fault to APP/WEB  
Automatic Statistics energy consumption to the server  
Gateway with GNSS, search the lighting on map quickly  
Setup by APP and control the statues of the lighting



The internet is always on  
wherever you are, one-click control



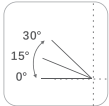


Solar street light

**GSL E1**

The internet is always on  
wherever you are, one-click control

Material: Aluminium+PC  
Solar cell: Poly-crystalline  
Battery: Li-ion battery with 1,500+ cycles  
Core technology: ALS2.1/TCS  
Warrenty: 3 years



Model type	LED power	Colour temperature	mounting height	installing distance	Luminaire net weight
GSIL - 60	60W	4000K	7m	24m	14kg
GSIL - 80	80W	4000K	8m	30m	18.5kg
GSIL - 100	100W	4000K	10m	40m	19kg
GSIL - 120	120W	4000K	12m	48m	21.5kg



GSIL - 120



GSIL - 100

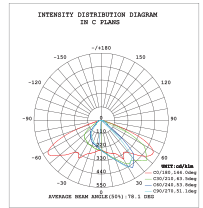


GSIL - 80



GSIL - 60

Solar street light



DIALUX road simulation map





## Solar Street Light

### GSL A SERIES

#### Simple, but durable

10+ days continuous lighting even  
 3 lighting modes to fit what you need  
 Material: Aluminium profile  
 Solar cell: Poly-crystalline  
 Battery: Li-ion battery with 1,500h  
 Core technology: ALS2.0/TCS  
 Warranty: 3years

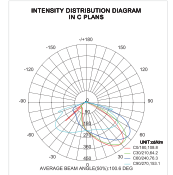


Model type	LED power	Colour temperature	mounting height	installing distance	Luminaire net weight
<b>GSL - 32M</b>	20W	6000K	3m	15m	7.55kg
<b>GSL - 33M</b>	30W	6000K	3m	15m	8.7kg
<b>GSL - 34M</b>	40W	6000K	4m	15m	10.05kg
<b>GSL - 35M</b>	50W	6000K	5m	15m	12.55kg
<b>GSL - 36M</b>	60W	6000K	6m	22m	13.4kg
<b>GSL - 37M</b>	70W	6000K	7m	28m	15.8kg
<b>GSL - 38M</b>	80W	6000K	8m	28m	19.4kg
<b>GSL - 39M</b>	90W	6000K	9m	32m	19.7kg
<b>GSL - 310M</b>	100W	6000K	10m	32m	20kg

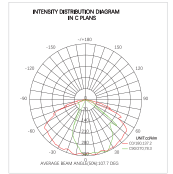


GSL - 32M    GSL - 33M/34M    GSL - 35M/36M/37M    GSL - 38M/39M/310M

## Solar Street Light



SSL - 32-34



SSL - 35-310

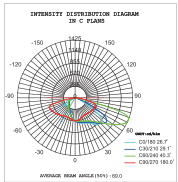
DIALUX road simulation map







## Solar Street Light



## GSL A2 Series

Helping save your Custom tariffs

Material: Aluminium+PC  
Solar cell: Poly-crystalline  
Battery: Li-ion battery with 1,500+ cycles  
Core technology: ALS2.1/TCS/FAS  
Warrenty: 3 years

GSL2 - 42

GSL2 - 43

## SKD shipping



Model type	LED power	Colour temperature	mounting height	installing distance	Luminaire net weight
GSL2 - 42	80W	4000K	8m	32m	17.3kg
GSL2 - 43	120W	4000K	12m	32m	21.5kg



## Solar Street Light

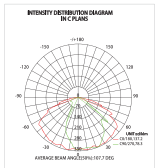




## Solar Street Light

### GSL AR Series

10+ days continuous lighting even in rainy day  
 Classic-pro with professional LENS and brighter lighting  
 Material: Die casted Aluminium+PC  
 Solar cell: Poly-crystalline  
 Battery: Li-ion battery with 1,500+ cycles  
 Core technology: ALS2.0/TCS  
 Warranty: 3years



DIALUX road simulation map



SSL-06N

Model type	LED power	Colour temperature	mounting height	installing distance	Luminaire net weight
<b>GSSL - 06N</b>	30W	6000K	3m	12m	7.5kg

## Solar Landscape Light

### UFO

10+ days continuous lighting even in rainy day  
 Remote control with 3 lighting modes  
 360 ° lighting  
 Material: Die casted Aluminium+PC  
 Solar cell: Poly-crystalline  
 Battery: Li-ion battery with 1,000+ cycles  
 Core technology: ALS2.0/TCS  
 Warranty: 3 years



DIALUX road simulation map



GSSL - 12N

Model type	LED power	Colour temperature	mounting height	Install distance	Luminaire net weight
<b>GSSL - 12N</b>	20W	6000K	3m	10m	6kg

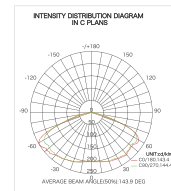


## GSL H Series

[solar landscape light](#)

### Brighter & More durable

Operate temperature :  $-20\text{C}^{\circ} \sim +65\text{C}^{\circ}$   
Build-in solar panel for keeping original appearance  
Material: Die casted Aluminium+PC  
Solar cell: Poly-crystalline  
Battery: Li-ion battery with 1,500+ cycles  
Core technology: ALS2.0/TCS  
Warranty: 3 years



GSLL -09



Model	LED power	Colour temperature	mounting height	installing distance	Luminaire net weight
GSLL - 09	20W	4000K	3.5m	14m	4.5kg



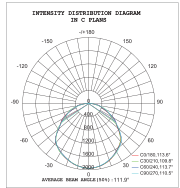
## Solar Plaza Light

### GSL H2 Series

specially designed solar plaza lights working in low-temperature environments

Material: Aluminium+PC  
 Solar cell: Poly-crystalline  
 Battery: Li-ion battery with 1,500+ cycles  
 Core technology: ALS2.1/TCS/Bluetooth/Expelling birds  
 Warranty: 3 years

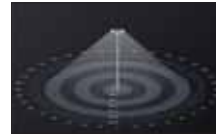
SKD shipping



GSLL - 26

## High power Plaza Lamp

DIALUX carte de simulation de route



CE FC RoHS

Model type	LED power	Colour temperature	mounting height	installing distance	Luminaire net weight
GSLL - 26	60W	4000K	6-12m	24m	19.5kg

## Solar Plaza Light

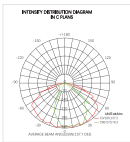




## Solar Street Light

### GSL A4 Series

Material: Die casted Aluminium  
 Solar cell: Poly-crystalline  
 Battery: Li-ion battery with 1,500+ cycles  
 Core technology: ALS2.0/TCS  
 Warranty: 3years



Model type	LED power	Colour temperature	mounting height	installing distance	Luminaire net weight
<b>GSSL - 63</b>	30W	5700K	5m	15m	7.5kg

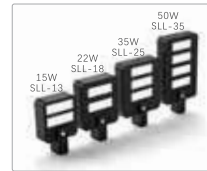


GSSL - 63

## GSL I Box Series

Brighter & More durable

7+ days continuous lighting even in rainy day  
 Build-in solar panel for keeping original appearance  
 Material: Die casted Aluminium  
 Solar cell: Poly-crystalline  
 Battery: Li-ion battery with 1,500+ cycles  
 Core technology: ALS2.0/TCS  
 Warranty: 3years



Model type	LED power	Colour temperature	mounting height	installing distance	Luminaire net weight
<b>GSSL - 13</b>	15W	5700K	3.5m	11m	8kg
<b>GSSL - 18</b>	22W	5700K	5m	15m	10kg
<b>GSSL - 25</b>	35W	5700K	6m	18m	12.5kg
<b>GSSL - 35</b>	50W	5700K	8m	24m	15kg

## Solar shoe box light



GSSL - 18

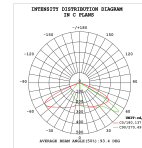




## GSCL - 01N

### Illuminate your courtyard

10+ days continuous lighting even in rainy day,  
 Sensitive PIR sensor,  
 Remote control with 3 lighting modes  
 Material: PC  
 Solar cell: Poly-crystalline  
 Battery: Li-ion battery with 1,000+ cycles  
 Core technology: ALS2.0/TCS  
 Warranty: 2 years



Model type	LED power	Colour temperature	mounting height	Install distance	Luminaire net weight
GSCL - 01N	10W	6000K	3m	12m	2.86kg

Solar Yard Light



DIALUX road simulation map





### GSCL - 03

Brighter & More durable

Material: Aluminium alloy+PC  
Solar cell: Poly-crystalline  
Battery: Li-ion battery with 1,000 cycles  
Core technology: ALS2.0/TCS  
Warranty: 3 years

Solar Street Light



personalized colour



Model type	LED power	Colour temperature	Luminaire net weight
GSCL - 03	30W	4000K	1.7kg

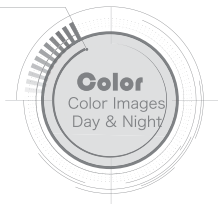


## GSL D Series

Solar HD Wifi Camera



# SOLAR HD WIFI CAMERA



## GSLD - 103CW

solar wifi camera standing by for all day

Material: PC  
Solar cell: Poly-crystalline  
Battery: Li-ion battery with 1,000+ cycles  
Core technology: ALS2.0/TCS  
Warranty: 2 years

- Solar Power Supply
- Wi-fi 2.4ghz
- Sony Sensor : imx323
- Notification : Pir Activated
- Working Status Indicator
- Operating Time >90days
- Color Images Day & Night
- Video: 1080p H.264
- Duplex Communication
- Cloud Storage



Model type	LED power	Colour temperature	Luminaire net weight
GSLD - 103CW	10W	4000K	1.7kg

Solar HD Wifi Camera



**INTEGRATED ALUMINUM FRAME IS UNIFORMLY STRESSED, SUPER BREAKAGE RESISTANT, NO FEAR OF HARSH ENVIRONMENTS**



A one-piece plastic tempered glass panel gives the shell excellent structure, strength and beauty



POWER LI-ION BATTERY  
TCS technology for light can work well in High and low temperature during 0°-45°





## TITAN 2

Split solar street light special design for high latitude areas!

High Brightness Split solar street light: 40W-150W  
 Material: Aluminium alloy+PC  
 Solar cell: Mono-crystalline  
 Battery: Li-ion battery with 20000 lifespan  
 LED: 4000K, 6000K, 8000K, 9000K, 10000K, 11000K, 12000K, 13000K, 14000K  
 Color rendering index: Ra > 80 / TCC > 90 / FRO > 90  
 Warranty: 3years



CGAUX road simulation map



CE FC RoHS

Model type	LED power	Colour temperature	mounting height	installing distance	Luminaire net weight
GSSL-64	40W	4000K	4m	20m	12kg
GSSL-66	60W	4000K	6m	25m	12kg
GSSL-68	80W	4000K	8m	30m	20.5kg
GSSL-610	100W	4000K	10m	35m	20.5kg
GSSL-612	120W	4000K	12m	42m	28kg
GSSL-615	150W	4000K	15m	50m	28kg





**SLL-31** Working Well In 0°C ~ 45°C

**SLL-31H** Working Well In -20°C ~ 60°C

**More Brighter, More Durable**  
360° Lighting Decoration and Lighting All In One

Material: Aluminum alloy/PC  
 Solar cell: Mono-crystalline  
 Battery: Li-ion battery with 2000 lifespan  
 LED: 3000 Lumens  
 Core technology AS12.4 / PCS 3.0  
 Warranty: 3 years

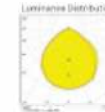


Model type	LED power	Color temperature	mounting height	total height	Load capacity (kg)
SLL-31	30W	4000K	3.8m	5-5.8m	0.8kg
SLL-31H	30W	4000K	4.8m	5-5.8m	0.8kg



### SWL-16 (Mars 3) Small body and High brightness

Material: PC  
Solar cell: Poly-crystalline  
Battery: Li-ion battery with 1500+ lifespan  
LED: 1000 Lumens  
Core technology: ALS 2.4 / TCS 1.0  
Warranty: 3 year



1000lm



Model type	LED power	Colour temperature	mounting height	Luminaire net weight
GSWL-16	80W With PIR	5700K	2.5-3-5m	0.5 kg

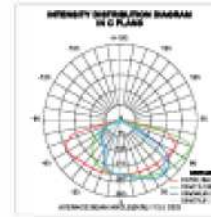


## BASALT SERIES

Ultra slim body, ultimate simple

10+ days continuous lighting even in rainy day  
3 lighting modes to fit what you need  
Material: Aluminium alloy+PC  
Solar cell: Mono-crystalline  
Battery: Li-ion battery with 2000 lifespan  
LED: 2000LM/4000LM/6000LM/8000LM/10000LM/12000LM  
Core technology: ALS 2.3 / TCS1.0 / FAS 1.0  
Warranty: 3years

DIALUX road simulation map



SSL-92~912



Model type	LED power	Colour temperature	mounting height	instal. distance	Luminaire net weight
GSSL-92	20W	4000K	3m	15m	10kg
GSSL-94	40W	4000K	4m	18m	10kg
GSSL-96	60W	4000K	6m	27m	13kg
GSSL-98	80W	4000K	8m	36m	13kg
GSSL-910	100W	4000K	10m	45m	16kg
GSSL-912	120W	4000K	12m	54m	16kg



SSL-92/94

SSL-96/98

SSL-910/912

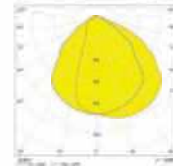




## SCL-01M/01P

Illuminate your courtyard

Luminance Distribution



10+ days continuous lighting even in rainy day.  
 Sensitive PIR sensor.  
 Remote control with 3 lighting modes.  
 Material: PC  
 Solar cell: Mono-crystalline  
 Battery: Li-Ion battery with 1500+ lifespan  
 LED: 2000lm/3000lm with 15000+ lifespan  
 Wire: 20AWG / AIS24 / TCS 1.0  
 Warranty: 2 years



Model type	LED power	Colour temperature	mounting height	Install distance	Luminaire net weight
GSCl-01M/01P	6.8W	5700K, Ra80+	2.5 ~ 3.5m	12m	2.86kg



DEFENDER 2



# SOLAR HD 4G CAMERA



## DEFENDER 2 4G wireless solar powered IP camera

Material: PC  
Solar cell: Mono-crystalline  
Battery: Li-ion battery with 1500+ lifespan  
LED: 1080xM  
Core technology: ALS2.1/TC6 1.0  
Warranty: 3 years



Model type	LED power	Colour temperature	Luminaire net weight
GSIC-105CG	10W	4000K	1.3kg



Solar HD 4G Camera





## GSWL-05PRO

Brighter & More durable

Arm design for larger lighting area  
Material: Aluminium alloy+PC  
Solar cell: Poly-crystalline  
Battery: Li-ion battery with 1500+ lifespan  
LED: 1000 Lumens  
Core technology: ALS2.1/TCS 1.0  
Warranty: 1 year



personalized colour



Model type	LED power	Colour temperature	Luminaire net weight
GSWL-05PRO	10W	3000K	0.5kg

## GSWL-06PRO

Brighter & More durable

Arm design for larger lighting area  
Material: Aluminium alloy+PC  
Solar cell: Poly-crystalline  
Battery: Li-ion battery with 1500+ lifespan  
LED: 2000 Lumens  
Core technology: ALS2.1/TCS 1.0  
Warranty: 2 years



personalized colour



Model type	LED power	Colour temperature	Luminaire net weight
GSWL-06PRO	20W	3000K	1.16kg



## Mars 1

Small body and High brightness

Material: ABS  
 Solar cell: Poly-crystalline  
 Battery: Li-ion battery with 1500+ lifespan  
 LED: 1,000 lumens  
 Core technology: A15 Z1 / TCS 1.0  
 Warranty: 1 year



Model type	LED power	Battery temperature	mounting height	Luminous flux
CGM-11	10W W884 P81	4000K	2.3m	0.3kg



Multi installation methods  
 Application angle adjustable for lighting direction change



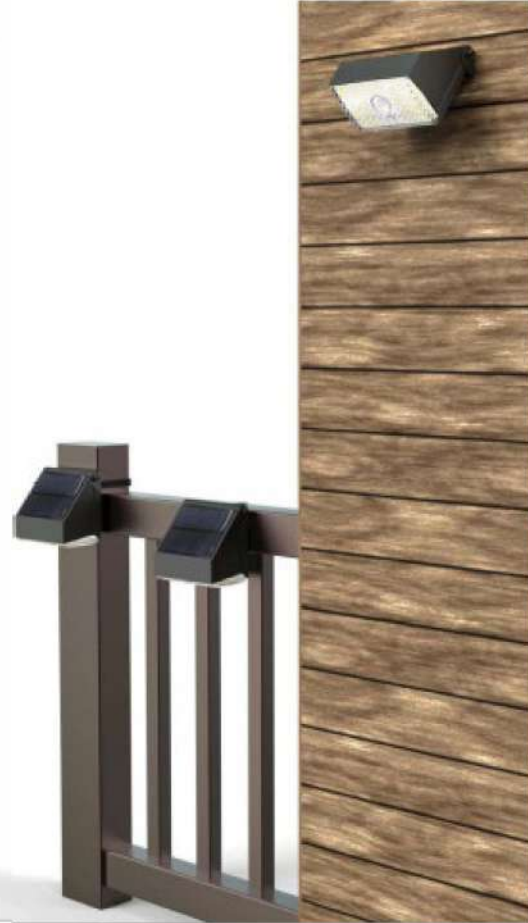
Cable Tie



Cable Tie



Screw





2000LUMENS SUPER BRIGHT EMERGENCY SOLAR WALL LIGHT  
Scientific Light Distribution



## Mars 2

DO AS YOU WISHES,WORKING LIKE A MAGIC CUBE  
Widely application outdoor  
Various angles adjustable for Multi-directional lighting

Material: ABS + PC  
Solar cell: Mono-crystalline  
Battery: Li-ion battery with 1500+ lites pan  
LED : 2000lumens  
Core technology ALS 2.3 / ICS 1.0  
Warranty: 1 year



Moving  
Horizontally



Vertical  
Sliding



Model type	LED power	Color temperature	mounting height	Luminaire efficiency
GDWL-12	20W	4000K	3m	0.9kg





## GSWL - 15PL

More brighter & More durable

2 in 1: PIR wall light/ Portable light

Material: ABS + PC

Solar cell: Mono-crystalline

Battery: 1.1-1.2Ah battery with 1500mAh lifespan

LED : 1000Lumen

Core technology: A152.5 / T88 3.0

Warranty: 3 year



Model	LED power	Colour temperature	Mounting height	Lumen per 100cm <sup>2</sup>
GSWL-15PL	30W	4000K	1.5m	65lm







### PEAR SERIES

Illuminate your secret garden  
 7+ days continuous lighting even in rainy day  
 Warm White for lighting & decoration  
 Material: Die-casted Aluminum  
 Solar cell: Poly-crystalline  
 Battery: Li-ion battery with 1500+ lifespan  
 Core technology: ALS 2.3 / TCS 1.0  
 Warranty: 2 years



Model # pk	LED power	Colour temperature	PIR	Install distance	Lumens to see in night
GSL-15P RD	1W	3000K	No	5m	1.15kg
GSL-25P RD	3W	3000K	No	5m	1.6kg



BGL-15N



ESL-25N



*"Solar  
flood  
light"*



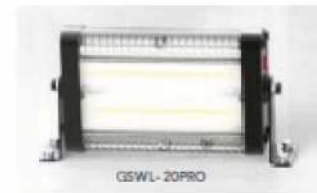


Install on the wall

## URANUS PRO SERIES

Amazing in the brightness

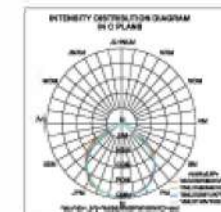
- Remote control the brightness and timer
- Battery power indicator
- Material: Aluminium alloy+PC
- Solar Cell: Poly-crystalline
- Battery : Li-ion battery with 1500+ lifespan
- LED : 20W/40W/60W
- Core technology: ALS 2.3 / TCS1.0
- Warranty: 2 years



Amazing in the brightness



Model type	LED power	Colour temperature	mounting height	Install distance	Lumina net weight
CSWL-20PRO	30W	5700K	6m	19m	1.18kg
CSWL-40PRO	60W	5700K	10m	26m	2.17kg



DIALUX road simulation map





**AMAZING IN TECHNOLOGY,  
AGAIN!**

## BEETLES Solar Wall Light



Sunlight collection cover design for fast charging  
3 lighting mode choice  
Battery power indicator  
PIR motion sensor and Ray sensor  
Material: High temperature resistant PC  
Solar cell: Mono-crystalline  
Battery: Li-ion battery with 1500+ lifespan  
LED: 400 Lumens  
Core technology: ALS2.1 / TCS1.0 / Sunlight collection  
Warranty: 1 year



Model	LED power	Colour temperature	mounting height	switch status	Lumens	net weight
1068L-00000_001	30W	3000K	40	ON	4000lm	0.8kg





### RGB Solar Garden Light

Courtyard, Garden, Park, Street,  
Roadway, Pathway, Parking Lot, Private  
road, Sidewalk, Public square, plaza,  
Campus, Airfield, Farm & Ranch,  
Perimeter Security, Wildlife area,  
Remote Area, Military Base.



### URANUS 2 RGB Decoration flood light

Material: Aluminium alloy+PC  
Solar Cell: Poly-crystalline  
Battery : Li-Ion battery with 2500+ lifespan  
LED : 40 LED, RGB  
Core technology: Ai.S2.1/TCS 1.0  
Warranty: 2years



Model	LED	Luminaire
UR11-02	40x40, RGB	2.0kg



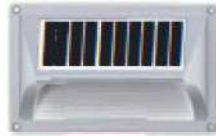




## GESL-06K

Best choice for garden decorative project !

3+ days continuous lighting even in rainy day.  
Best choice for garden decoration  
Material: Die casted Aluminum+PC  
Solar cell: Poly-crystalline  
Battery: Li-Ion battery with 1500+ lifespan  
LED : 5000lumens  
Com technology: ALS2.1 / ICS 1.0  
Warranty: 1year



Model type	LED power	Colour temperature	Luminaire net weight
GESL 06K	0.5W	3000K	0.06g



