



Global Ocean Group

Green Light Solutions Corp.

Sustainable efficiency



HIGH PERFORMANCE LED

SUPERIOR LIGHT OUTPUT

LONGER LIFECYCLE

LOWER COST


CUSTOMIZABLE



Global Ocean Group

Why buy LED lamps?



1. **Lower cost of ownership**
 - a) Longer lifetime (15x)
 - b) Less replacement costs
 - c) 80% savings on energy
2. **Environmentally friendly**
 - a) Less heat
 - b) No mercury 
3. **Pure perfect light**
 - a) No UV or IR radiation

Global Savings if we all switched to LED technology

1. \$67 billion Dollars in electricity costs/year
2. 273 million tons of CO₂ emissions/year
3. More than 1080 million barrels of oil/year
4. Power output of more than 255 power plants



Compare Global Ocean Tech LED's	Global Ocean Tech LED	Fluorescent (CFL)	Incandescent
Light Bulb projected lifespan	50,000 Hours	10,000 Hours	1,200 Hours
Watts (energy) per bulb required (100w)	13	26	100
KWh of Electricity used over 50,000 hours	650	2,800	5,000
Bulbs needed for 50,000 hours of light	1	5	42
Cost of Electricity (@ 0.20 per KWh)	\$130	\$560	\$1,000
Energy Savings per 100 watts	\$870 Savings	\$440 Savings	\$0 No Savings
Additional Savings when using LED's	100% Savings	80% Savings	0% Savings



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APPLICATIONS

Retail
Supermarkets
Cooler/Freezer Cases
Offices
Airports
Factories

Gas Stations
Shopping Malls
Schools
Warehouse
Parking Garages
Restaurants

TUBE LIGHTING



HIGHBAY LIGHTING

Retail
Warehouse
High Bays
Parking Garages
Gas Stations
Industrial
Tunnels

Soffits
Flood Lights
Sports Courts
Supermarkets
Offices
Airports
Factories



STREET LIGHTING

Streets
Airports
Parking Lots
Gas Stations
Pathways

Shopping Centers
Parks
Warehouse
Schools
Sports Courts



PAR LIGHTING

Offices
Airports
Retail Stores
Gas Stations
Shopping Malls

Museums
Galleries
Hospitals
Homes
Restaurants





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LED Tube Lights

- Light tubes has unique design aluminum frame for enhanced heat dissipation.
- High powered SMD LED chip for a wide angle light output. Light is soft and uniform, high color rendering index. Light tube does not output UV and infrared radiation.
- Constant current isolated power supply for safety and reliability.



Applications

• Hotel



• Shopping mall



• Residential



• Meeting room





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LED T8EX 4ft Tube External Driver Series

FEATURES & SPECIFICATIONS

Lighting Angle: 120° +
 Color Rendering: 83
 Power Factor: 0.95
 Lamp Life: 50,000 Hours
 Replaces: Fluorescent Tubes
 Warranty: 5 Years

Catalog Number	
Notes	Quantity

APPLICATIONS

Retail	Soffits
Warehouse	Hospitals
Schools	Sports Courts
Parking Garages	Supermarkets
Gas Stations	Offices
Industrial	Airports
Tunnels	Factories



Ordering Information

Lead times will vary depending on options selected. Consult with your sales representative.
 Example: T8EXR 4 MT NW 192 CL BI

T8EXR		MT			
Series	System	Voltage	Color Correlated Temperature	Lens Type	End Type (2)
T8EX	2 2 Tubes 3 3 Tubes 4 4 Tubes 6 6 Tubes	MT AC 100-277V	WW 2700-3500K NW 4100-4500K DW 5000-6000K CW 6500-7500K	CL Clear FS Frosted	BI Bi Pin G13 HO High Output

Notes:

- When ordering HO ends, consult your representative for proper fit.

# of Tubes	Wattage	Lumens
2	35	3366
3	53	5049
4	69	6732
6	106	10098



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LED T8EX 4ft Tube External Driver Series



System Advantages

Driver Technology

Global Ocean Technologies uses an external driver for their tubes systems. This provides a system designed for maximum life and consistent performance. With an external driver you separate the heat produced by both the LED chips and driver and greatly reduce the accelerated wear on both components. Each tube is driven on its own channel and is not affected by the other tubes in the system.

LED Chip Technology

Global Ocean Technologies uses current production top of the line LED Chips. Not all chips are the same and this is evident in CRI, lumen output and depreciation. Our chip boards are designed and configured to dissipate maximum heat while providing a seamless distribution of light. We also under drive our chips from the recommended mA current provided by the chip manufacturer to control the amount of heat produced by the chips.

With Global Ocean Technologies engineering and design you can be assured you are using the most advanced LED tube system on the market. And with a proven track record and constant improvement in our products, Global Ocean Technologies will be your only source for LED products.



Global Ocean Group

LED T8EX Refrigeration Series

FEATURES & SPECIFICATIONS

Lighting Angle: 120° +
 Color Rendering: 83
 Power Factor: 0.95
 Lamp Life: 50,000 Hours
 Replaces: Fluorescent Tubes
 Warranty: 5 Years

Catalog Number	
Notes	Quantity

APPLICATIONS

Retail	Soffits
Warehouse	Hospitals
Schools	Sports Courts
Parking Garages	Supermarkets
Gas Stations	Offices
Industrial	Airports
Tunnels	Factories



Ordering Information

Lead times will vary depending on options selected. Consult with your sales representative.
 Example: T8EXR 4 MT NW CL BI

T8EXR		MT			
Series (1)	Tube Length	Voltage	Color Correlated Temperature	Lens Type	End Type (2)
T8EXR	4 4 Feet 5 5 Feet 6 6 Feet	MT AC 100-277V	WW 2700-3500K NW 4100-4500K DW 5000-6000K CW 6500-7500K	CL Clear FS Frosted	BI Bi Pin G13 HO High Output

Notes:

- This series assumes there is only one tube per ballast on the existing installation. If more than one tube per driver is required please consult with your representative.
- When ordering HO ends, consult your representative for proper fit.

Tube Length	Wattage	Lumens
4	18	1683
5	23	2103
6	26	2524



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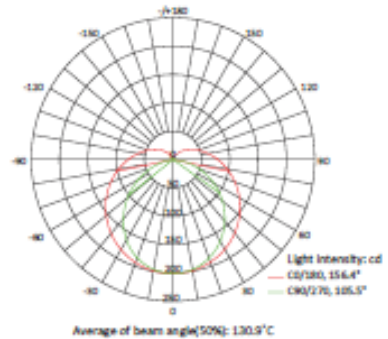
10W T5 LED Tube Light

G601052

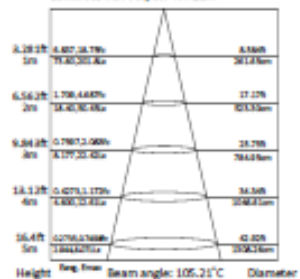


10W Power **>75** CRI **130°** Beam Angle **35,000 hrs** Lifespan

Photometric Data



Luminous flux output: 807.2lm



Features

- Energy saving up to 50%, compared to traditional fluorescent tube light
- More than 35,000hrs lifespan, 8 times longer than traditional fluorescent tube light
- Alloyed aluminum housing, PC cover, excellent light transmittance, shock-proof
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G601052	AC 100-265V	10W	800lm	80Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.95	IP50	50-60Hz	-20°C~50°C	0.186kg	Ø16xL600mm



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15W T5 LED Tube Light

G601552



Energy Saving

15W LED Tube Light \Rightarrow 30W Traditional Fluorescent Tube

15W Power >75 CRI 130° Beam Angle 35,000 hrs Lifespan

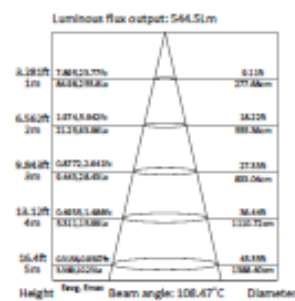
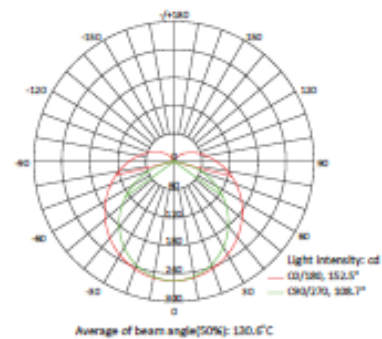
Features

- Energy saving up to 50%, compared to traditional fluorescent tube light
- More than 35,000hrs lifespan, 8 times longer than traditional fluorescent tube light
- Alloyed aluminum housing, PC cover, excellent light transmittance, shock-proof
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Photometric Data





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18W T5 LED Tube Light

G601852



Energy Saving

18W LED Tube Light \Rightarrow 36W Traditional Fluorescent Tube

18W Power >75 CRI 130° Beam Angle 35,000 hrs Lifespan

Features

- Energy saving up to 50%, compared to traditional fluorescent tube light
- More than 35,000hrs lifespan, 8 times longer than traditional fluorescent tube light
- Alloyed aluminum housing, PC cover, excellent light transmittance, shock-proof
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

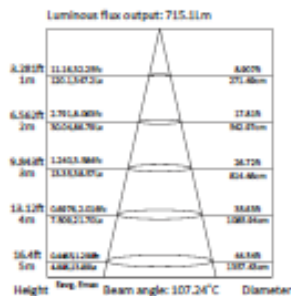
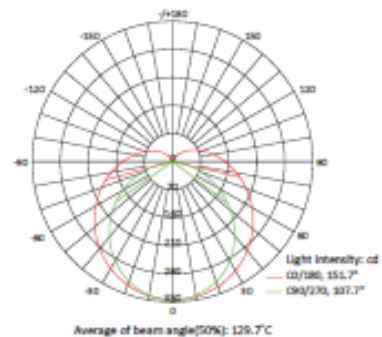
Dimensions



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G601852	AC 100-265V	18W	1440Lm	80Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.95	IP50	50-60Hz	-20°C~50°C	0.331kg	Ø16×L1190mm

Photometric Data





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10W T8 LED Tube Light

G601081



Energy Saving



10W
LED
Tube Light



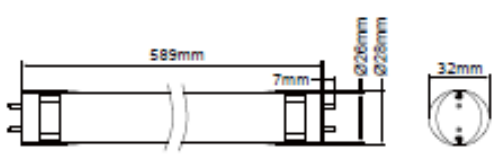
20W
Traditional
Fluorescent Tube

10W Power	>75 CRI	120° Beam Angle	35,000 hrs Lifespan
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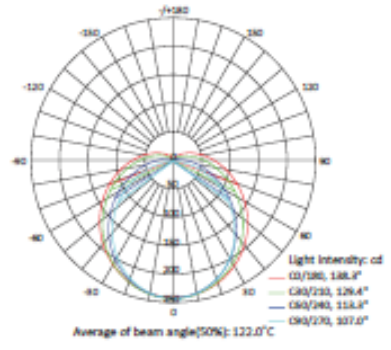
Features

- Energy saving up to 50%, compared to traditional fluorescent tube light
- More than 35,000hrs lifespan, 8 times longer than traditional fluorescent tube light
- Alloyed aluminum housing, PC cover, excellent light transmittance, shock-proof
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Photometric Data



Luminous flux output: 896.7lm

Height	Beam angle	Beam diameter	Beam diameter
0.3010m	1.80°/22.40%	16.40mm	16.40mm
0.6020m	3.60°/44.80%	32.80mm	32.80mm
0.9030m	5.40°/67.20%	49.20mm	49.20mm
1.2040m	7.20°/89.60%	65.60mm	65.60mm
1.5050m	9.00°/112.00%	82.00mm	82.00mm
1.8060m	10.80°/134.40%	98.40mm	98.40mm
2.1070m	12.60°/156.80%	114.80mm	114.80mm
2.4080m	14.40°/179.20%	131.20mm	131.20mm
2.7090m	16.20°/201.60%	147.60mm	147.60mm
3.0100m	18.00°/224.00%	164.00mm	164.00mm

Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G601081	AC 100-265V	10W	850Lm	85Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.95	IP50	50-60Hz	-20°C~50°C	0.2kg	ø28×L589mm



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15W T8 LED Tube Light

G601581



Energy



Saving

15W
LED
Tube Light



32W
Traditional
Fluorescent Tube

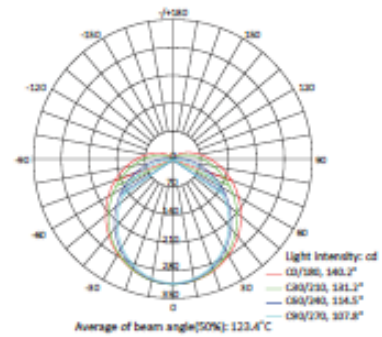
15W
Power

>75
CRI

120°
Beam Angle

35,000
hrs
Lifespan

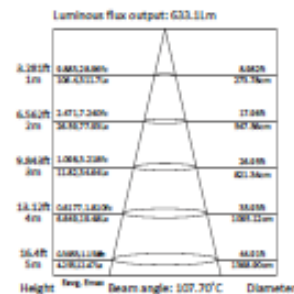
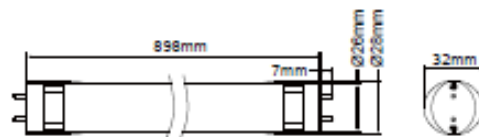
Photometric Data



Features

- Energy saving up to 50%, compared to traditional fluorescent tube light
- More than 35,000hrs lifespan, 8 times longer than traditional fluorescent tube light
- Alloyed aluminum housing, PC cover, excellent light transmittance, shock-proof
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G601581	AC 100-265V	15W	1275Lm	85Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.95	IP50	50-60Hz	-20°C~50°C	0.28kg	Ø28×L898mm



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18W T8 LED Tube Light

G601881



Energy



Saving

18W

LED
Tube Light



40W

Traditional
Fluorescent Tube

18W

Power

>75

CRI

120°

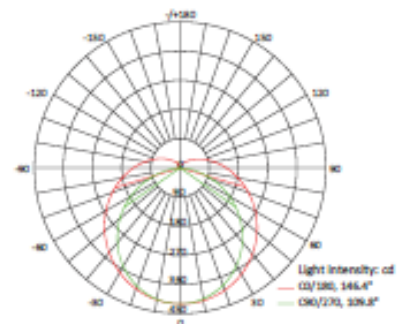
Beam Angle

35,000

hrs

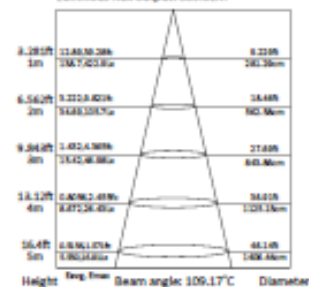
Lifespan

Photometric Data



Average of beam angle(50%): 128.1°

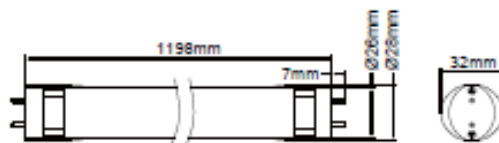
Luminous flux output: 889.0Lm



Features

- Energy saving up to 50%, compared to traditional fluorescent tube light
- More than 35,000hrs lifespan, 8 times longer than traditional fluorescent tube light
- Alloyed aluminum housing, PC cover, excellent light transmittance, shock-proof
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G601881	AC 100-265V	18W	1530Lm	85Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.95	IP50	50-60Hz	-20°C~50°C	0.31kg	Ø28xL1198mm



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23W T8 LED Tube Light

G602381



Energy Saving

23W LED Tube Light \Rightarrow 50W Traditional Fluorescent Tube

23W Power

>75 CRI

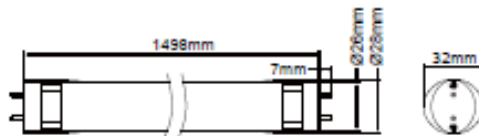
120° Beam Angle

35,000 hrs Lifespan

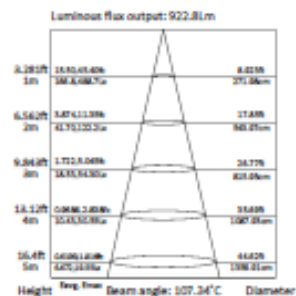
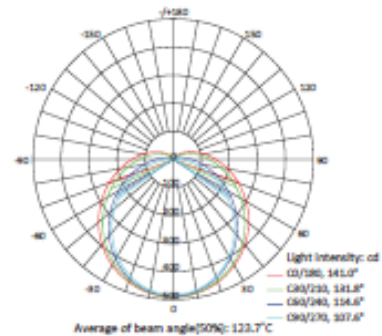
Features

- Energy saving up to 50%, compared to traditional fluorescent tube light
- More than 35,000hrs lifespan, 8 times longer than traditional fluorescent tube light
- Alloyed aluminum housing, PC cover, excellent light transmittance, shock-proof
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Photometric Data



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G602381	AC 100-265V	23W	1955Lm	85Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.95	IP50	50-60Hz	-20°C~50°C	0.435kg	28x1498mm



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18W T8 LED Tube with Bracket

G601891



Energy Saving

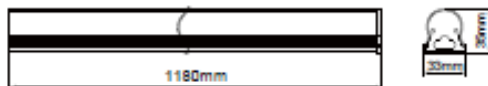
18W LED Tube Light \Rightarrow 40W Traditional Fluorescent Tube

18W Power >75 CRI 110° Beam Angle 35,000 hrs Lifespan

Features

- Energy saving up to 50%, compared to traditional fluorescent tube light
- More than 35,000hrs lifespan, 8 times longer than traditional fluorescent tube light
- Alloyed aluminum housing, PC cover, excellent light transmittance, shock-proof
- Environmental friendly, no pollution, no noise
- Low operating voltage, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

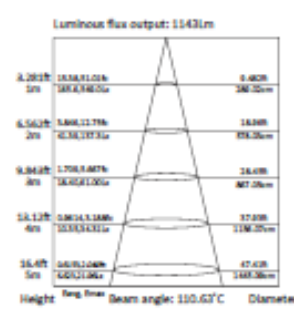
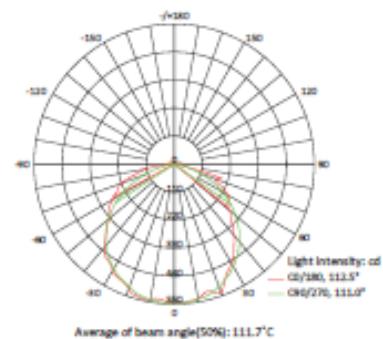
Dimensions



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G601891	AC 100-265V	18W	1530Lm	85Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP50	50-60Hz	-20°C~50°C	0.355kg	∅26×L1180mm

Photometric Data





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LED Strip Lights

- Light Strip does not flicker, high color rendering index for accurate color display. Enjoyable to view at, light does not cause eye strains.
- Wireless control for many different color display modes; utilize high power SMD 5050 LED. Individual LED has an output of up to 20 lumens per watt.
- Light strip profile is made with stretched aluminum and waterproof filled silicon for protection level of up to IP67.



Applications

• Hotel

• Shopping mall

• Residential

• Club

• Office





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Green Light Solutions Corp.

16W LED Strip Light

G681601



16W
Power

>70
CRI

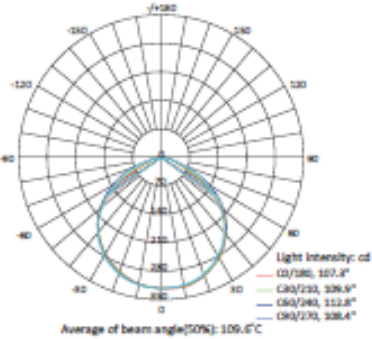
105°
Beam Angle

35,000 hrs
Lifespan

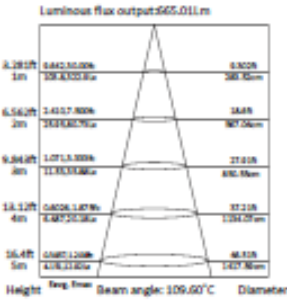
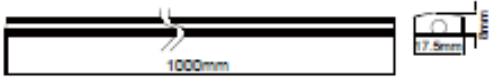
Photometric Data

Features

- More than 35,000 hrs lifespan
- Alloyed aluminum housing, PC cover, excellent light transmittance, shock-proof
- Environmental friendly, no pollution, no noise
- Low operating voltage, safe and reliable, no flicker, instant start
- Light source can be assigned



Dimensions



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G681601	DC 12V	16W	960Lm	60Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.56	IP50	50-60Hz	-20°C~50°C	0.177kg	1000*17.5*8mm



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16W LED Strip Light

G681602

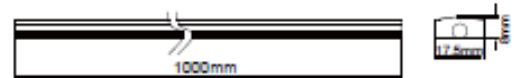


16W Power	>70 CRI	105° Beam Angle	35,000 hrs Lifespan
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■ Features

- More than 35,000 hrs lifespan
- Alloyed aluminum housing, PC cover, excellent light transmittance, shock-proof
- Environmental friendly, no pollution, no noise
- Low operating voltage, safe and reliable, no flicker, instant start
- Light source RGB (colorful)

■ Dimensions



■ Specifications

Model	Input Voltage	Rated Power (Avg)	Light Intensity	Wave Length	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G681602	DC 12V	16W	<input type="checkbox"/> Red 200-300 <input type="checkbox"/> Green 400-500 <input type="checkbox"/> Blue 200-300	<input type="checkbox"/> Red 622-625 <input type="checkbox"/> Green 510-512 <input type="checkbox"/> Blue 459-462	>0.56	IP50	50-60Hz	-20°C~50°C	0.177kg	1000×17.5×8mm



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LED Flood Lights

- Lamp body utilizes tensile aluminum for great heat dissipation and light weight.
- Focused light beam to enhance object, great for decorative lighting purposes.
- External body utilizes standard ASA material to prevent discoloration, tempered glass for shock and abrasion proof.



Applications

- Landscape
- Viaduct
- Shopping mall
- Billboard, Sports arena
- Airport
- Facades
- Subway





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10W LED Flood Light

G801001



Energy Saving



10W

LED Flood Light



50W

Traditional Halogen Lamp

10W

Power

>70

CRI

90°-120°

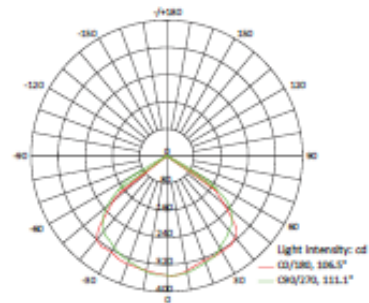
Beam Angle

35,000

hrs

Lifespan

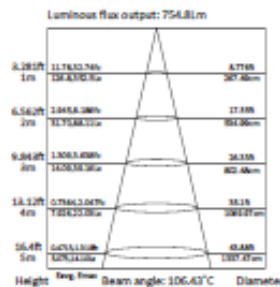
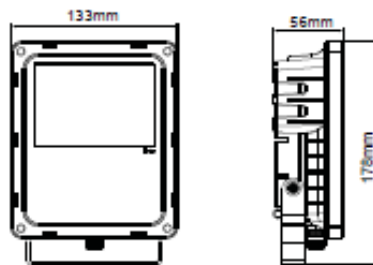
Photometric Data



Features

- Waterproof design (IP65) handles harsh weather conditions
- More than 35,000 hrs lifespan, 8 times longer than traditional halogen lamp
- Tempered glass cover with light transmittance 93%
- Power supply directly installed on the heat sink makes effective heat dissipation
- Simple design, light weight and compact, easy installation
- Patented heat dissipation technology

Dimensions



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G801001	AC 100-265V	10W	750Lm	75Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP65	50-60Hz	-20°C~50°C	0.68kg	178*133*56mm



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Green Light Solutions Corp.

20W LED Flood Light

G802001



Energy Saving



20W
LED
Flood Light



100W
Traditional
Halogen Lamp

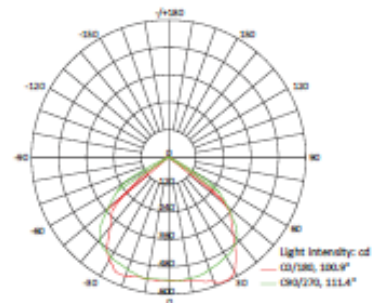
20W
Power

>70
CRI

90°-120°
Beam Angle

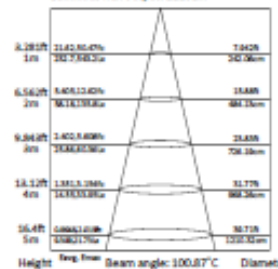
35,000
hrs
Lifespan

Photometric Data



Average of beam angle(50%): 106.1°

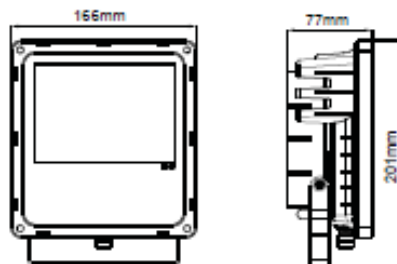
Luminous flux output: 1115lm



Features

- Waterproof design (IP65) handles harsh weather conditions
- More than 35, 000 hrs lifespan, 8 times longer than traditional halogen lamp
- Tempered glass cover with light transmittance 93%
- Power supply directly installed on the heat sink makes effective heat dissipation
- Simple design, light weight and compact, easy installation
- Patented heat dissipation technology

Dimensions



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G802001	AC 100-265V	20W	1500lm	75lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP65	50-60Hz	-20°C~50°C	1.03kg	201x166x77mm



Global Ocean Group

Green Light Solutions Corp.

30W LED Flood Light

G803001



Energy Saving



30W
LED
Flood Light



150W
Traditional
Halogen Lamp

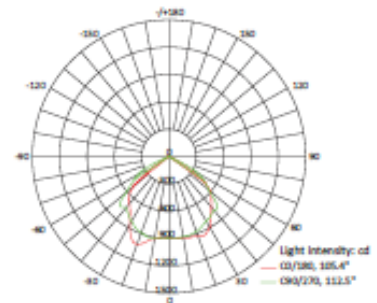
30W
Power

>70
CRI

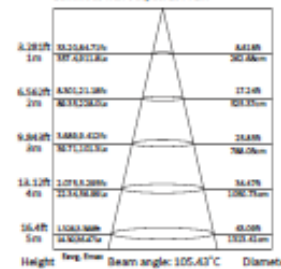
90°-120°
Beam Angle

35,000
hrs
Lifespan

Photometric Data



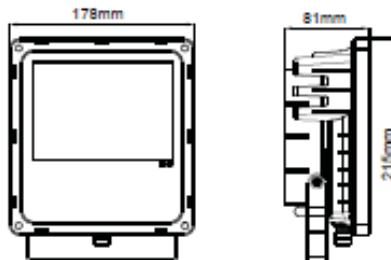
Luminous flux output: 1977lm



Features

- Waterproof design (IP65) handles harsh weather conditions
- More than 35,000 hrs lifespan, 8 times longer than traditional halogen lamp
- Tempered glass cover with light transmittance 93%
- Power supply directly installed on the heat sink makes effective heat dissipation
- Simple design, light weight and compact, easy installation
- Patented heat dissipation technology

Dimensions



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G803001	AC 100-265V	30W	2250lm	75lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP65	50-60Hz	-20°C~50°C	1.38kg	215×178×81mm



Global Ocean Group

Green Light Solutions Corp.

50W LED Flood Light

G805001



Energy Saving



50W
LED
Flood Light



250W
Traditional
Halogen Lamp

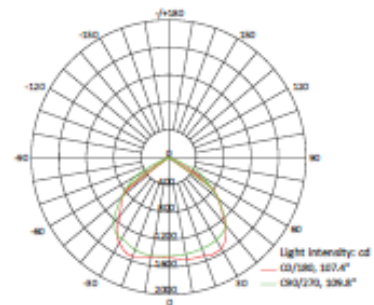
50W
Power

>70
CRI

90°-120°
Beam Angle

35,000
hrs
Lifespan

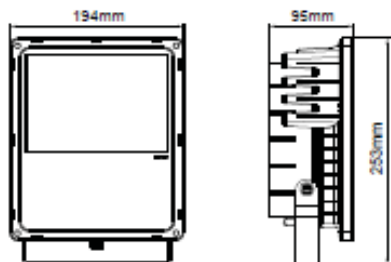
Photometric Data



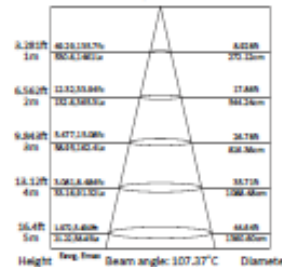
Features

- Waterproof design (IP65) handles harsh weather conditions
- More than 35,000 hrs lifespan, 8 times longer than traditional halogen lamp
- Tempered glass cover with light transmittance 93%
- Power supply directly installed on the heat sink makes effective heat dissipation
- Simple design, light weight and compact, easy installation
- Patented heat dissipation technology

Dimensions



Luminous flux output: 3158lm



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G805001	AC 100-265V	50W	3750lm	75lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP65	50-60Hz	-20°C~50°C	1.7kg	253×194×95mm



Global Ocean Group

Green Light Solutions Corp.

80W LED Flood Light

G808001



Energy Saving



80W
LED
Flood Light



400W
Traditional
Halogen Lamp

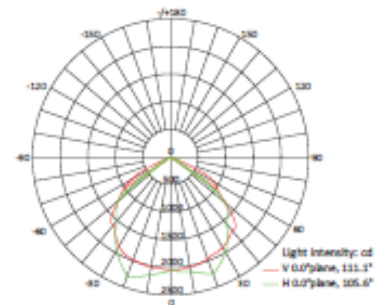
80W
Power

>70
CRI

90°-120°
Beam Angle

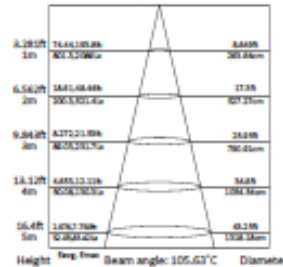
35,000 hrs
Lifespan

Photometric Data



Average of beam angle(50%): 108.4°

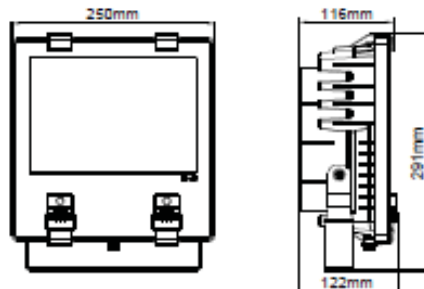
Luminous flux output: 6433lm



Features

- Waterproof design (IP65) handles harsh weather conditions
- More than 35, 000 hrs lifespan, 8 times longer than traditional halogen lamp
- Tempered glass cover with light transmittance 93%
- Power supply directly installed on the heat sink makes effective heat dissipation
- Simple design, light weight and compact, easy installation
- Patented heat dissipation technology

Dimensions



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G808001	AC 100-265V	80W	6000Lm	75Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP65	50-60Hz	-20°C~50°C	3.3kg	291x250x122mm



Global Ocean Group

Green Light Solutions Corp.

100W LED Flood Light

G80N001



Energy



Saving

100W

LED Flood Light



500W

Traditional Halogen Lamp

100W

Power

>70

CRI

90°-120°

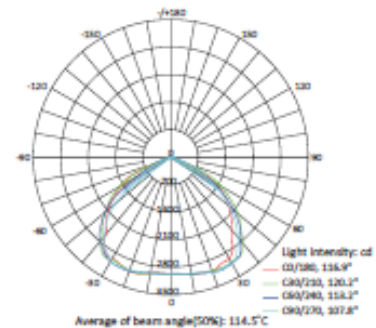
Beam Angle

35,000

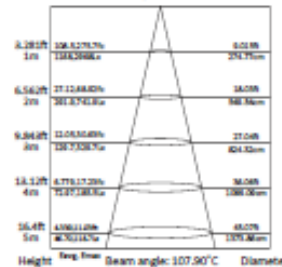
hrs

Lifespan

Photometric Data



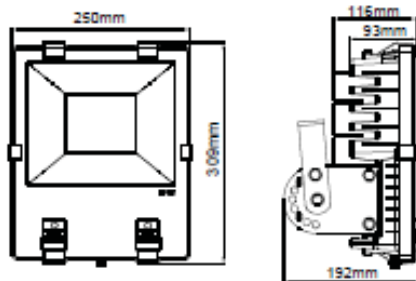
Luminous flux output: 6949lm



Features

- Waterproof design (IP65) handles harsh weather conditions
- More than 35, 000 hrs lifespan, 8 times longer than traditional halogen lamp
- Tempered glass cover with light transmittance 93%
- Power supply directly installed on the heat sink makes effective heat dissipation
- Simple design, light weight and compact, easy installation
- Patented heat dissipation technology

Dimensions



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G80N001	AC 100-265V	100W	7500lm	75Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP65	50-60Hz	-20°C~50°C	5.29kg	309×250×192mm



Global Ocean Group

Green Light Solutions Corp.

LED High Bay Lights

- Unique fin extrude aluminum design for better heat dissipation. Quickly conducts heat away from light source.
- Anti-corrosive and dust proof design.
- Low luminescence decay, low power consumption, high power factor, long lifespan.



Applications

• Factory

• Supermarket

• Exhibition centre

• Municipal project





Global Ocean Group

Green Light Solutions Corp.

30W LED High Bay Light

G813001



Energy Saving

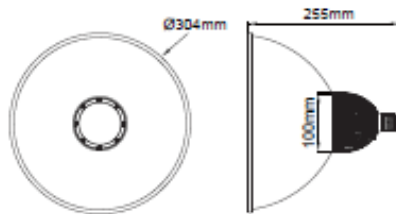
30W LED High Bay Light \Rightarrow 120W U Shape CFL Light

30W Power >80 CRI 50° Beam Angle 35,000 hrs Lifespan

Features

- Super bright COB LED
- More than 35,000 hrs lifespan, 8 times longer than U shape CFL light
- Integrated design of heat dissipation and housing
- Finned design heat dissipation technology, effectively utilizing air convection for heat dissipation
- Energy saving up to 50% compared to U shape CFL light
- No glare, no flicker
- Environmental friendly, no pollution

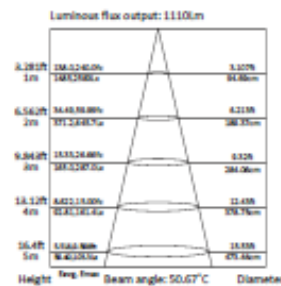
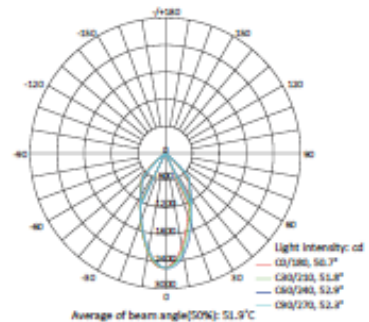
Dimensions



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G813001	AC 100-265V	30W	2100Lm	70Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP50	50-60Hz	-20°C~50°C	0.57kg	Ø304×255mm

Photometric Data





Global Ocean Group

Green Light Solutions Corp.

50W LED High Bay Light G815001



Energy Saving



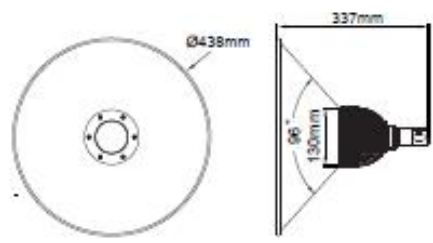
50W LED High Bay Light \Rightarrow 200W U Shape CFL Light

50W Power	>80 CRI	90° Beam Angle	35,000 hrs Lifespan
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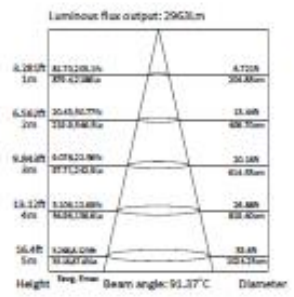
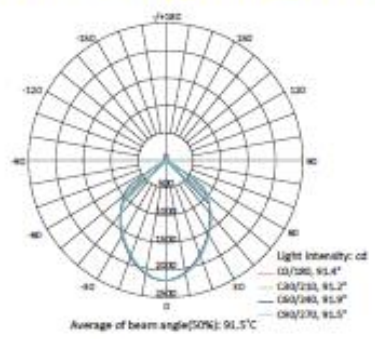
Features

- Super bright COB LED
- More than 35,000 hrs lifespan, 8 times longer than U shape CFL light
- Integrated design of heat dissipation and housing
- Finned design heat dissipation technology, effectively utilizing air convection for heat dissipation
- Energy saving up to 50% compared to U shape CFL light
- No glare, no flicker
- Environmental friendly, no pollution

Dimensions



Photometric Data



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G815001	AC 100-265V	50W	3500lm	70lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP50	50-60Hz	-20°C~50°C	1.28kg	438x337mm



Global Ocean Group

Green Light Solutions Corp.

80W LED High Bay Light

GB18001



Energy Saving

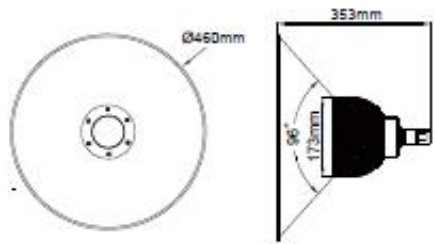
80W LED High Bay Light \Rightarrow 320W U Shape CFL Light

- 80W Power
- >80 CRI
- 90° Beam Angle
- 35,000 hrs Lifespan

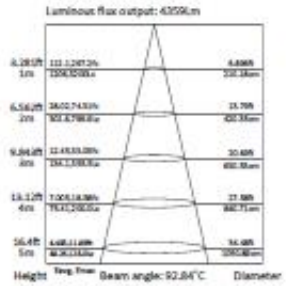
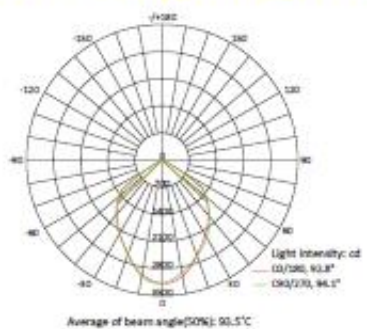
Features

- Super bright COB LED
- More than 35,000 hrs lifespan, 8 times longer than U shape CFL light
- Integrated design of heat dissipation and housing
- Finned design heat dissipation technology, effectively utilizing air convection for heat dissipation
- Energy saving up to 50% compared to U shape CFL light
- No glare, no flicker
- Environmental friendly, no pollution

Dimensions



Photometric Data



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
GB18001	AC 100-265V	80W	5600Lm	70Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.95	IP50	50-60Hz	-20°C~50°C	1.1kg	Ø460×353mm



Global Ocean Group

Green Light Solutions Corp.

100W LED High Bay Light

G81N001



Energy Saving



100W
LED
High Bay Light

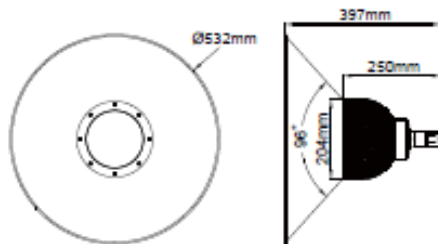
400W
U Shape
CFL Light

100W Power	>80 CRI	90°-120° Beam Angle	35,000 hrs Lifespan
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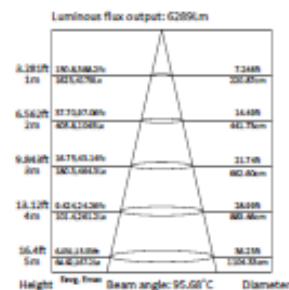
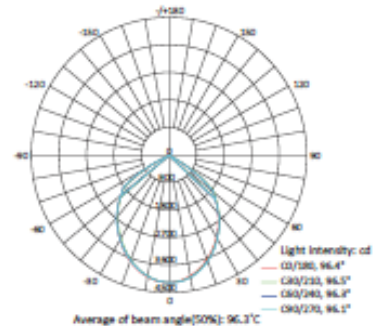
Features

- Super bright COB LED
- More than 35,000 hrs lifespan, 8 times longer than U shape CFL light
- Integrated design of heat dissipation and housing
- Finned design heat dissipation technology, effectively utilizing air convection for heat dissipation
- Energy saving up to 50% compared to U shape CFL light
- No glare, no flicker
- Environmental friendly, no pollution

Dimensions



Photometric Data



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G81N001	AC 100-265V	100W	7000Lm	70Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP50	50-60Hz	-20°C~50°C	2.43kg	Ø532×397mm



Global Ocean Group

Green Light Solutions Corp.

150W LED High Bay Light

G81N501



Energy



Saving

150W
LED
High Bay Light



600W
U Shape
CFL Light

150W

Power

>80

CRI

90°-120°

Beam Angle

35,000

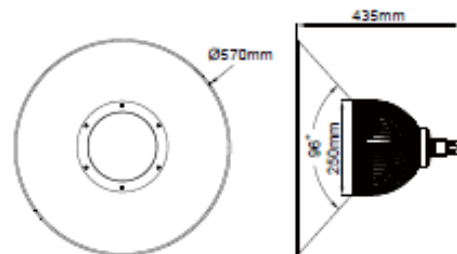
hrs

Lifespan

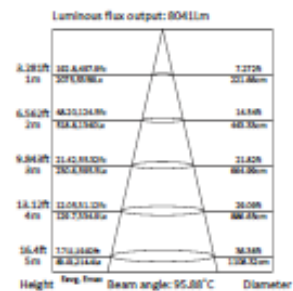
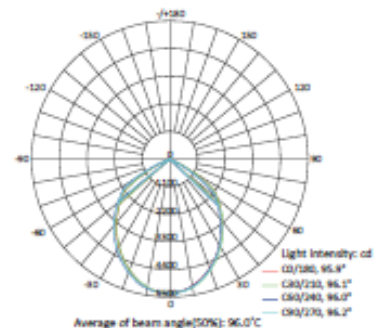
Features

- Super bright COB LED
- More than 35,000 hrs lifespan, 8 times longer than U shape CFL light
- Integrated design of heat dissipation and housing
- Finned design heat dissipation technology, effectively utilizing air convection for heat dissipation
- Energy saving up to 50% compared to U shape CFL light
- No glare, no flicker
- Environmental friendly, no pollution

Dimensions



Photometric Data



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G81N501	AC 100-265V	150W	10500lm	70lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.98	IP50	50-60Hz	-20°C~50°C	3.5kg	Ø570×435mm



Global Ocean Group

LED High Bay/Canopy/Tunnel/Garage Series

FEATURES & SPECIFICATIONS

Color Rendering: 82
 Power Factor: 0.98
 Lamp Life: 50,000 Hours
 IP Rating: 67
 Housing: Aluminum

Catalog Number	
Notes	Quantity

APPLICATIONS

Retail	Soffits
Warehouse	Flood Lights
High Bays	Sports Courts
Parking Garages	Supermarkets
Gas Stations	Offices
Industrial	Airports
Tunnels	Factories



Ordering Information

Lead times will vary depending on options selected. Consult with your sales representative.
 Example: CTG 70 MT DW 5 SM Yes BL

HCTG					
Series	Wattage	Voltage	Color Correlated Temperature	Light Angle (1)	Mounting
HCTG	61 91 124 152 181 216 254 278	MT AC 120-277V 480 AC 480	WW 2700-3500K NW 4100-4500K DW 5000-6000K CW 6500-7500K	See Optics Chart For Options	SM Surface PE Pendant HO Hook

Wattage	Chip Count	Lumens
61	28	5512
91	42	8446
124	56	11206
152	70	13878
181	84	16733
216	98	18861
254	112	21211
278	126	24248

Dimmable (2)	Color
No Yes Pre-programmed	GR Grey BL Black BZ Bronze CU Custom

Notes:

1. Please consult your sales representative for information about the different angles.
2. Please consult your sales representative for information about the pre-programmed option.



Global Ocean Group

LED High Bay/Canopy/Tunnel/Garage Series mounting options

OD



TU



PW



FL



CH



RE



This versatile LED fixture was designed for direct replacement of HID lighting in any industrial or commercial application. This fixture is available with multiple optic options and can be customized to provide equal illumination for any application.

Global Ocean Technologies Highbay series is the only fixture on the market specifically designed for high mast lighting. It is engineered with open lighting modules to reduce the effect of air currents that are present at extreme heights on its EPA. Its also has a mounting that balances its weight inward thereby reducing the leverage exerted on the mounting pole. Along with its high lumen output and Philips Advance drivers, the Global Ocean Highbay will replace any HID high mast lighting.

Whether you require 24 hour operation or full DALI controls for maximum energy savings, Global Ocean Technologies can design a lighting system to fit your specific needs.

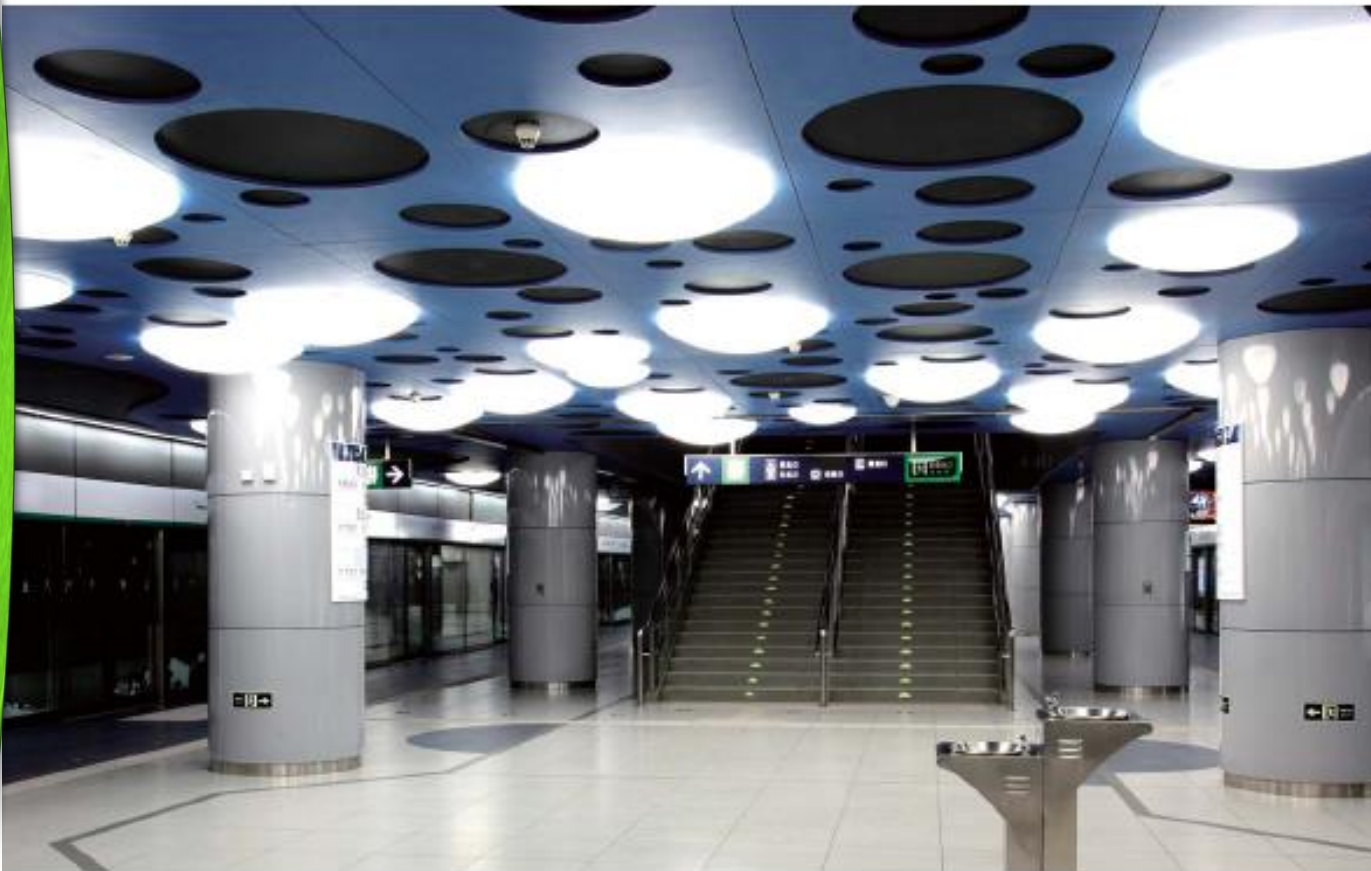


Global Ocean Group

Green Light Solutions Corp.

LED Ceiling-Mounted Lights

- High quality PC cover, uniform light radiance, durable and efficient.
- Uses high quality isolated driver for stability and safety.
- Product uses aluminum base to guard against rust, light weight design with good heat dissipation to extend product life.



Applications

- Hotel
- Shopping mall
- Residential
- Club
- Office





Global Ocean Group

LED T8EX 4ft Wraparound Series

FEATURES & SPECIFICATIONS

Lighting Angle: 120° +
 Color Rendering: 83
 Power Factor: 0.95
 Lamp Life: 50,000 Hours
 Replaces: Fluorescent Tubes
 Warranty: 5 Years

Catalog Number	
Notes	Quantity

APPLICATIONS

Retail	Soffits
Warehouse	Hospitals
Schools	Sports Courts
Parking Garages	Supermarkets
Gas Stations	Offices
Industrial	Airports
Tunnels	Factories



Ordering Information

Lead times will vary depending on options selected. Consult with your sales representative.
 Example: T8EXW 3 MT NW CL BI

T8EXW		MT			BI
Series	System	Voltage	Color Correlated Temperature	Lens Type	End Type
T8EXW	2 2 Tubes 3 3 Tubes	MT AC 100-277V	WW 2700-3500K NW 4100-4500K DW 5000-6000K CW 6500-7500K	CL Clear FS Frosted	BI Bi Pin G13

Notes:

# of Tubes	Wattage	Lumens
2	35	3366
3	53	5049



Global Ocean Group

LED T8EX 4ft High Bay Series

FEATURES & SPECIFICATIONS

Lighting Angle: 120° +
 Color Rendering: 83
 Power Factor: 0.95
 Lamp Life: 50,000 Hours
 Replaces: Fluorescent Tubes
 Warranty: 5 Years

Catalog Number	
Notes	Quantity

APPLICATIONS

Retail	Soffits
Warehouse	Hospitals
Schools	Sports Courts
Parking Garages	Supermarkets
Gas Stations	Offices
Industrial	Airports
Tunnels	Factories



Ordering Information

Lead times will vary depending on options selected. Consult with your sales representative.
 Example: T8EXH 6 MT NW CL BI

T8EXH		MT			BI
Series	System	Voltage	Color Correlated Temperature	Lens Type	End Type
T8EXH	4 4 Tubes 6 6 Tubes	MT AC 100-277V	WW 2700-3500K NW 4100-4500K DW 5000-6000K CW 6500-7500K	CL Clear FS Frosted	BI Bi Pin G13

Notes:

# of Tubes	Wattage	Lumens
4	69	6732
6	106	10098



Global Ocean Group

Green Light Solutions Corp.

17W LED Ceiling-Mounted Light G661701



Energy Saving

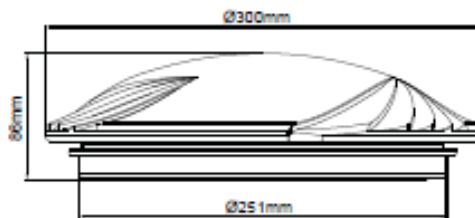
17W LED Ceiling-Mounted Light \Rightarrow 60W Traditional Energy Saving Ceiling-mounted Light

17W Power >75 CRI 115° Beam Angle 35,000 hrs Lifespan

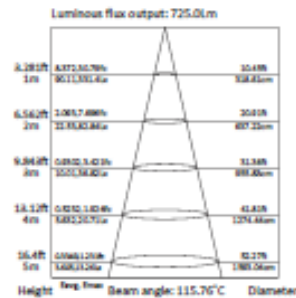
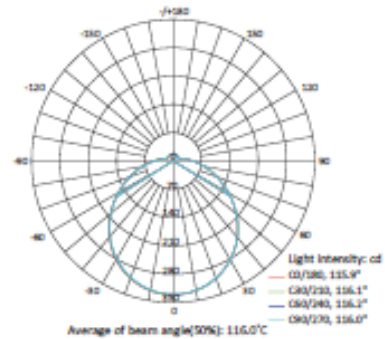
Features

- Energy saving up to 80%, compared to traditional energy saving ceiling-mounted light
- More than 35,000 hrs lifespan, 8 times longer than traditional energy saving ceiling-mounted light
- Alloyed aluminum lamp base, PC cover, excellent light transmittance, shock-proof
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Photometric Data



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G661701	AC 100-265V	17W	1275Lm	75Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP50	50-60Hz	-20°C~50°C	0.533kg	300x86mm



Global Ocean Group

Green Light Solutions Corp.

20W LED Ceiling-Mounted Light

G662001



Energy Saving

20W LED Ceiling-Mounted Light → 80W Traditional Energy Saving Ceiling-mounted Light

20W Power

>75 CRJ

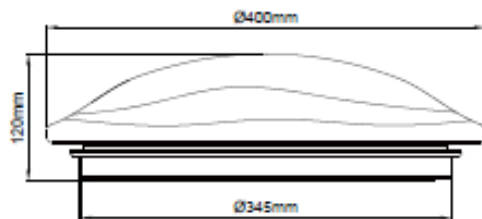
115° Beam Angle

35,000 hrs Lifespan

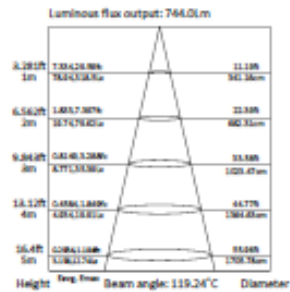
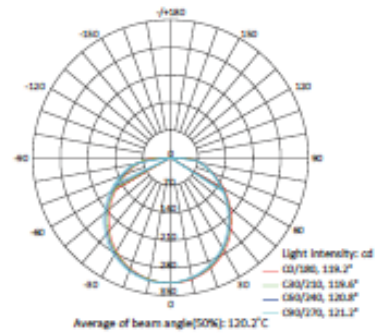
Features

- Energy saving up to 80%, compared to traditional energy saving ceiling-mounted light
- More than 35,000 hrs lifespan, 8 times longer than traditional energy saving ceiling-mounted light
- Alloyed aluminum lamp base, PC cover, excellent light transmittance, shock-proof
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Photometric Data



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G662001	AC 100-265V	20W	1500Lm	75Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP50	50-60Hz	-20°C~50°C	0.726kg	Ø400×120mm



Global Ocean Group

Green Light Solutions Corp.

LED Panel Lights

- Product uses Japan's Mitsubishi light reflector to ensure light uniformity and high radiance, comfortable and soft light output to reduce eye strains.
- Cover uses top grade PC material for durability. Even and soft light output to create a more pleasant lighting environment.
- Product uses isolated constant current driver to ensure stable and safe light operation.



Applications

• Hotel

• Shopping mall

• Residential

• Meeting room





Global Ocean Group

Green Light Solutions Corp.

12W LED Panel Light

G671201



Energy Saving

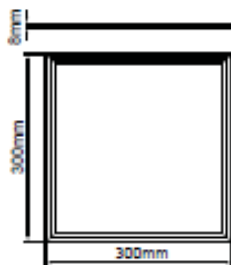
12W LED Panel Light \Rightarrow 30W Traditional Grille Lamp

12W Power >70 CRI 110° Beam Angle 35,000 hrs Lifespan

Features

- Energy saving up to 60%, compared to traditional grille lamp
- More than 35,000 hrs lifespan, 8 times longer than traditional grille lamp
- Alloyed aluminum housing, PC cover, excellent light transmittance, shock-proof
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

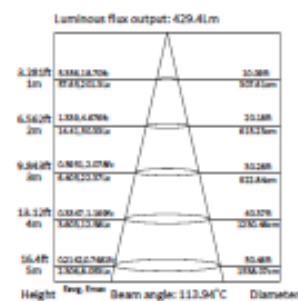
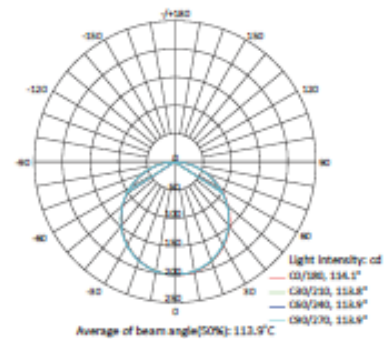
Dimensions



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G671201	AC 100-265V	12W	960Lm	80Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP50	50-60Hz	-20°C~50°C	0.77kg	300x300mm

Photometric Data





Global Ocean Group

Green Light Solutions Corp.

18W LED Panel Light

G671801



Energy Saving



18W
LED
Panel Light



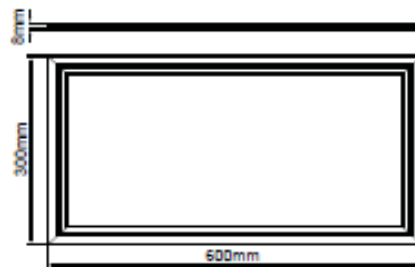
40W
Traditional
Grille Lamp

18W Power	>70 CRI	110° Beam Angle	35,000 hrs Lifespan
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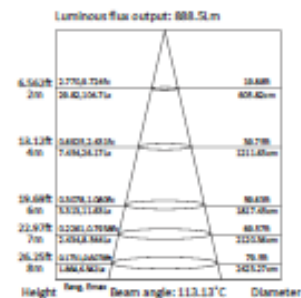
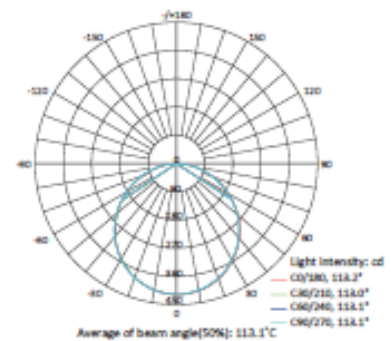
Features

- Energy saving up to 60%, compared to traditional grille lamp
- More than 35,000 hrs lifespan, 8 times longer than traditional grille lamp
- Alloyed aluminum housing, PC cover, excellent light transmittance, shock-proof
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Photometric Data



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G671801	AC 100-265V	18W	1440lm	80lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP50	50-60Hz	-20°C~50°C	2.36kg	600×300mm



Global Ocean Group

Green Light Solutions Corp.

38W LED Panel Light

G673801



Energy Saving

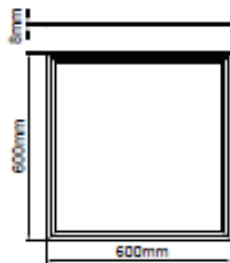
38W LED Panel Light \Rightarrow 90W Traditional Grille Lamp

38W Power >70 CRI 110° Beam Angle 35,000 hrs Lifespan

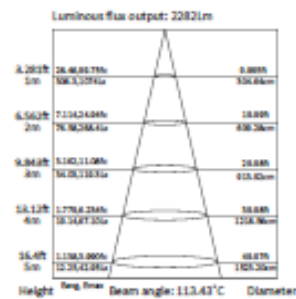
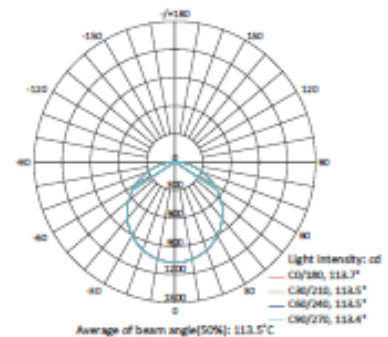
Features

- Energy saving up to 60%, compared to traditional grille lamp
- More than 35,000 hrs lifespan, 8 times longer than traditional grille lamp
- Alloyed aluminum housing, PC cover, excellent light transmittance, shock-proof
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Photometric Data



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G673801	AC 100-265V	38W	3040Lm	80Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP50	50-60Hz	-20°C~50°C	3.5kg	600×600mm



Global Ocean Group

Green Light Solutions Corp.

40W LED Panel Light

G674001



Energy Saving



40W
LED
Panel Light

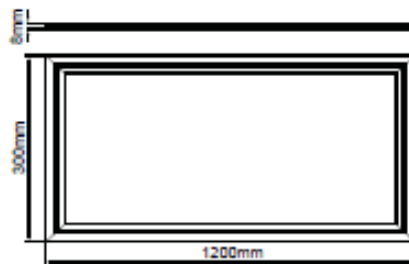
100W
Traditional
Grille Lamp

40W Power **>70** CRI **110°** Beam Angle **35,000 hrs** Lifespan

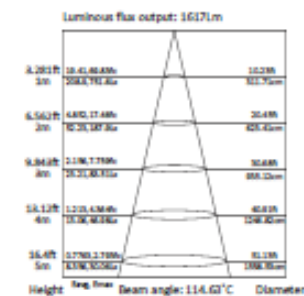
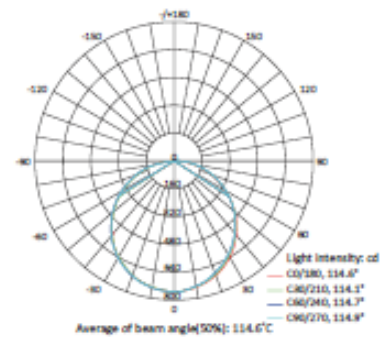
Features

- Energy saving up to 60%, compared to traditional grille lamp
- More than 35,000 hrs lifespan, 8 times longer than traditional grille lamp
- Alloyed aluminum housing, PC cover, excellent light transmittance, shock-proof
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Photometric Data



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G674001	AC 100-265V	40W	3200lm	80Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP50	50-60Hz	-20°C~50°C	3.05kg	1200x300mm



Global Ocean Group

Green Light Solutions Corp.

60W LED Panel Light

G676001



Energy Saving



60W
LED
Panel Light



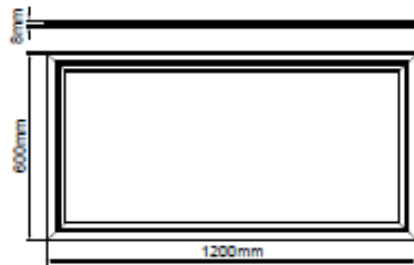
150W
Traditional
Grille Lamp

60W Power **>70** CRI **110°** Beam Angle **35,000** hrs Lifespan

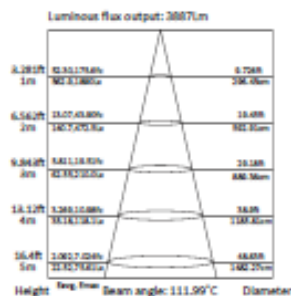
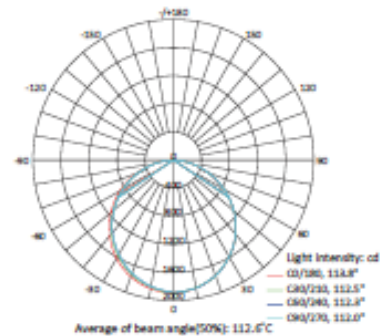
Features

- Energy saving up to 60%, compared to traditional grille lamp
- More than 35,000 hrs lifespan, 8 times longer than traditional grille lamp
- Alloyed aluminum housing, PC cover, excellent light transmittance, shock-proof
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Photometric Data



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G676001	AC 100-265V	60W	4800Lm	80Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP50	50-60Hz	-20°C~50°C	6.62kg	1200×600mm



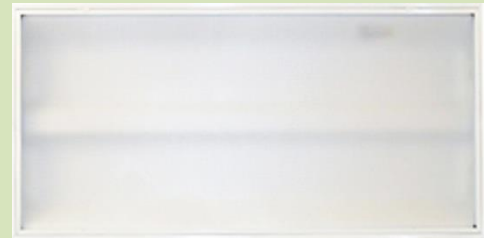
Global Ocean Group

LED T8EX Troffer Series

FEATURES & SPECIFICATIONS

Lighting Angle: 120° +
 Color Rendering: 83
 Power Factor: 0.95
 Lamp Life: 50,000 Hours
 Replaces: Fluorescent Tubes
 Warranty: 5 Years

Catalog Number	
Notes	Quantity



APPLICATIONS

Retail	Soffits
Warehouse	Hospitals
Schools	Sports Courts
Parking Garages	Supermarkets
Gas Stations	Offices
Industrial	Airports
Tunnels	Factories



Ordering Information

Lead times will vary depending on options selected. Consult with your sales representative.
 Example: T8EXT 24T MT NW CL BI

T8EXT		MT		
Series	Fixture Type	Voltage	Color Correlated Temperature	Lens Type
T8EXT	23 2x2 3 Lamp 24 2x4 3 Lamp	MT AC 100-277V	WW 2700-3500K NW 4100-4500K DW 5000-6000K CW 6500-7500K	CL Clear FS Frosted

Notes:

BI
End Type
BI Bi Pin G13

Fixture	Wattage	Lumens
22T	19	1692
24T	53	5049



Global Ocean Group

LED T8EX Parabolic Series

FEATURES & SPECIFICATIONS

Lighting Angle: 120° +
 Color Rendering: 83
 Power Factor: 0.95
 Lamp Life: 50,000 Hours
 Replaces: Fluorescent Tubes
 Warranty: 5 Years

Catalog Number	
Notes	Quantity

APPLICATIONS

Retail	Soffits
Warehouse	Hospitals
Schools	Sports Courts
Parking Garages	Supermarkets
Gas Stations	Offices
Industrial	Airports
Tunnels	Factories



Ordering Information

Lead times will vary depending on options selected. Consult with your sales representative.
 Example: T8EXP 24T MT NW CL BI

T8EXP		MT		
Series	Fixture Type	Voltage	Color Correlated Temperature	Lens Type
T8EXP	22 2x2 2 Lamp 24 2x4 3 Lamp	MT AC 100-277V	WW 2700-3500K NW 4100-4500K DW 5000-6000K CW 6500-7500K	CL Clear FS Frosted

Notes:

BI
End Type
BI Bi Pin G13

Fixture	Wattage	Lumens
22P	19	1692
24P	53	5049



Global Ocean Group

Green Light Solutions Corp.

LED Street Lights

- Utilize customized heat dissipation aluminum material, unique design to channel heat from center outward. Specially treated surface to prevent corrosion and extend life of the product.
- Modulated design to increase efficiency and drive down cost. Each lamp is configurable from 2 to 7 modules, each individual module can be individually replaced. Each module's angle is adjustable $\pm 6^\circ$ making the product more flexible for installation in various environments.
- Aluminum surface is anodize and oxidized for protection against natural elements. Cover is made of ASA standard material for high heat and shatter resistance Water proof and dust proof design of IP65. Resistance of wind speed up to 35m/s (category 12 hurricane) with no deformation to product structure.
- Panel casting light to create an even light source on the road, also reduces glare for driver's safety.



Applications

• Road



• Park



• Gymnasium



• Airport





Global Ocean Group

LED Street Series

FEATURES & SPECIFICATIONS

Color Rendering:
 Power Factor: 82
 Lamp Life: 0.98
 IP Rating: 50,000 Hours
 Housing: 67
 Tilt Angle: Aluminum
 Operating Temp: -30° to 90°
 Surge Protection: -40°F to 149°F
 4KV

APPLICATIONS

Streets
 Parking Lots
 Pathways
 Parks
 Airports
 Gas Stations
 Shopping Centers
 Warehouse

Catalog Number	
Notes	Quantity



Ordering Information

Lead times will vary depending on options selected. Consult with your sales representative.
 Example: ST 70 MT DW 3 Yes OD Yes GR

ST	MT				
Series	Wattage	Voltage	Color Correlated Temperature	Light Angle (1)	Photocell
ST	61 91 124 152 181 216 254 278	MT AC 120-277V 480 AC 480V	WW 2700-3500K NW 4100-4500K DW 5000-6000K CW 6500-7500K	See Optics Chart For Options	Yes No
Notes:				Mounting (2) OD 2 3/8 Pole WA Wall	Dimmable (3) No Yes Pre-programmed
1. Consult your representative for information about different angles.					
2. Lights will fit onto a pole with an outer diameter up to 2 3/8 inch.					
3. Consult your sales representative for the pre-programmed option.					
Wattage	Chip Count	Lumens	Weight/lb	Dimensions/in	
61	28	5512	13.53	21.77 x 13.62 x 4.01	
91	42	8446	14.76	24.21 x 13.62 x 4.01	
124	56	11206	15.90	26.65 x 13.62 x 4.01	
152	70	13878	17.40	29.09 x 13.62 x 4.01	
181	84	16733	18.81	31.53 x 13.62 x 4.01	
216	98	18861	22.77	33.85 x 13.62 x 4.01	
254	112	21211	29.70	36.22 x 13.62 x 4.01	
278	126	24248	33.44	38.38 x 13.62 x 4.01	
					Color
					GR Grey BL Black BZ Bronze CU Custom



Global Ocean Group

LED Street Series



Additional Specifications and Performance Information

Wattage	BUG Rating	L70 Hours @ 25° C	Dimensions/in
61	B1-U1-G1	> 105,000	21.77 x 13.62 x 4.01
91	B2-U2-G2	> 105,000	24.21 x 13.62 x 4.01
124	Pending	> 105,000	26.65 x 13.62 x 4.01
152	Pending	> 105,000	29.09 x 13.62 x 4.01
181	Pending	> 105,000	31.53 x 13.62 x 4.01
216	Pending	> 105,000	33.85 x 13.62 x 4.01
254	Pending	21211	36.22 x 13.62 x 4.01
278	Pending	24248	38.38 x 13.62 x 4.01

Testing Certifications:

LM70 and LM80 information is provided by Cree

LM79 testing files are provided by a third-party

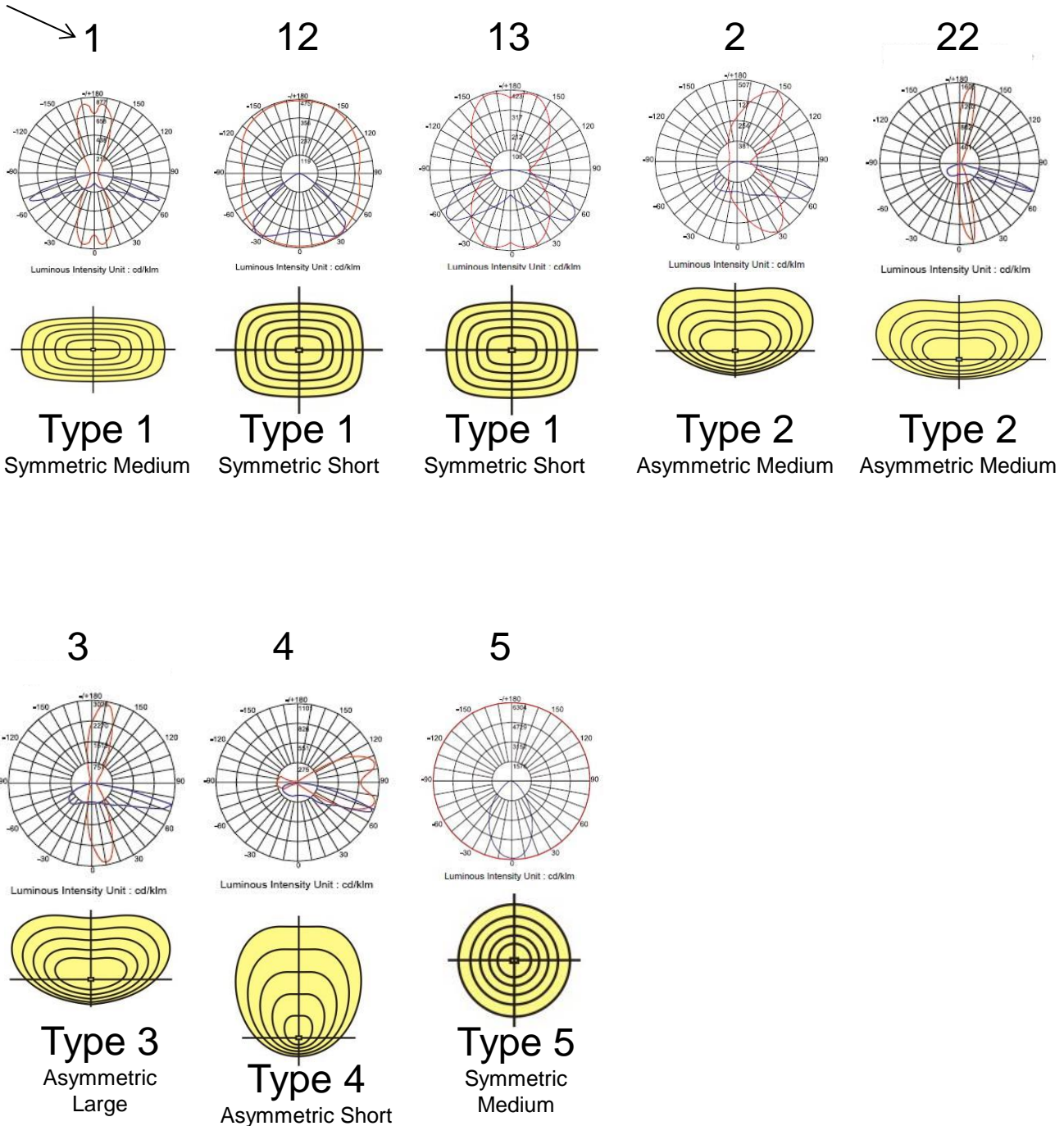


Global Ocean Group

Green Light Solutions Corp.

High Bay & Street Optic Codes

Place these codes on order form.

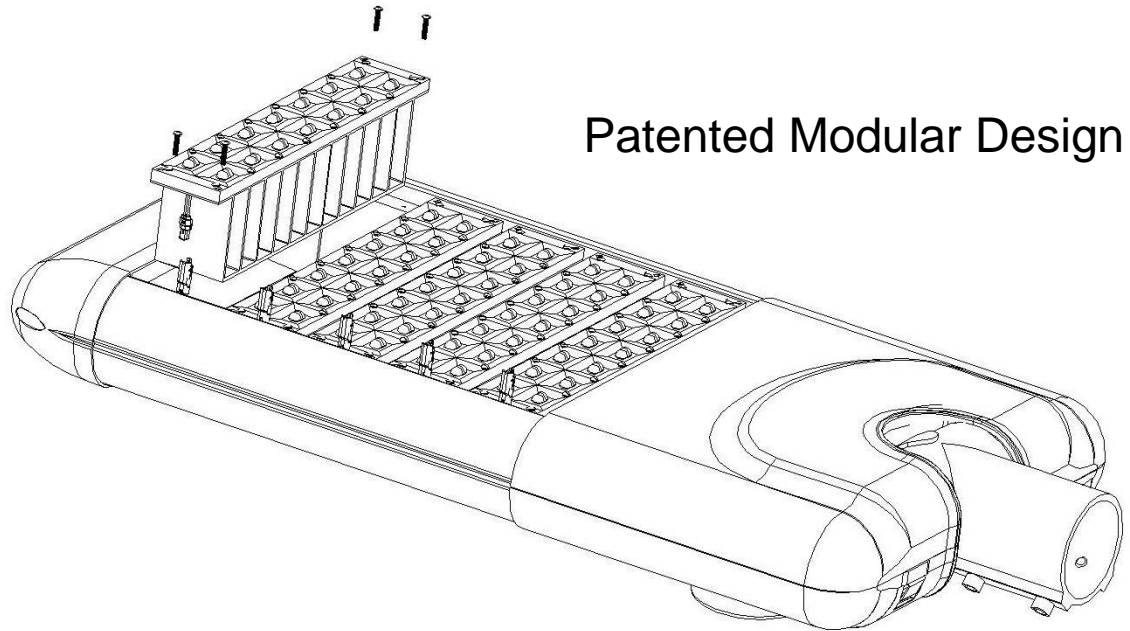




Global Ocean Group

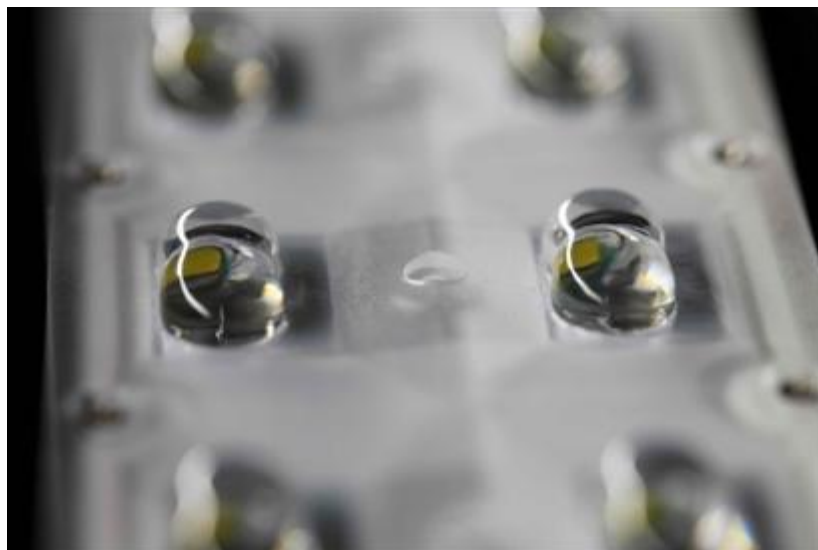
Green Light Solutions Corp.

Street Series Engineering



Patented Modular Design

Patented and Precise Optics



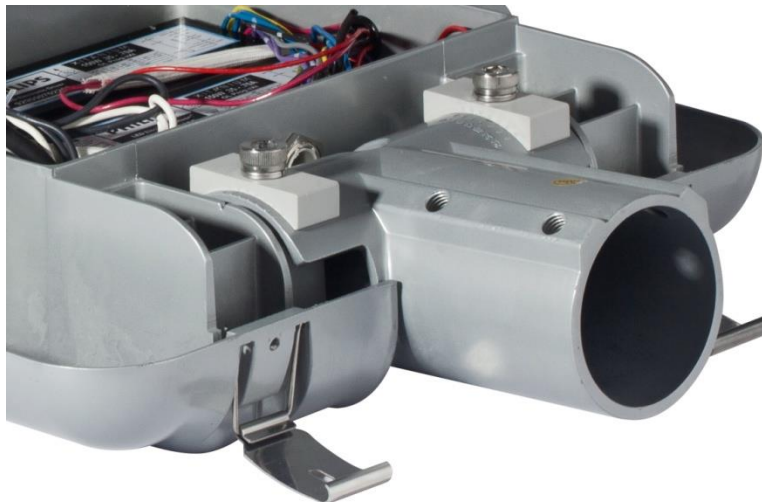


Global Ocean Group

Street Series Engineering



-30 to 90 Degree Mounting
Rotation



Tool-Free
Locking Design



Global Ocean Group

Green Light Solutions Corp.

60W LED Street Light

G856001



Energy Saving

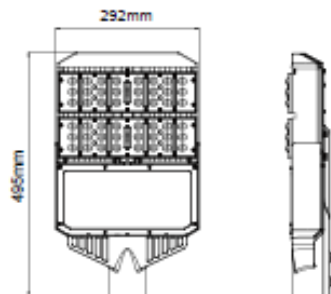
60W LED Street Light \Rightarrow 240W High Pressure Sodium Lamp

60W Power >75 CRI 120° Beam Angle 35,000 hrs Lifespan

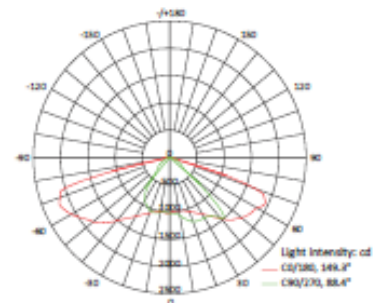
Features

- Module can be remove and replace independently, cost saving and convenient installation
- More than 35,000 hrs lifespan, 8 times longer than high pressure sodium (HPS) lamp
- Fast response, instant start, excellent light visibility and no glare, high CRI factor
- Adjustable light angle for precise light control
- Eco-friendly, no pollution, no noise

Dimensions

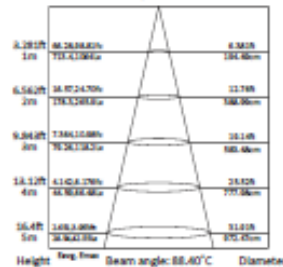


Photometric Data



Average of beam angle(50%): 118.9°

Luminous flux output: 2241Lm



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G856001	AC 100-240V	60W	4800Lm	80Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP65	50-60Hz	-20°C~50°C	5.5kg	495×292×98mm



Global Ocean Group

Green Light Solutions Corp.

90W LED Street Light

G859001



Energy Saving



90W

LED Street Light



360W

High Pressure Sodium Lamp

90W

Power

>75

CRI

120°

Beam Angle

35,000

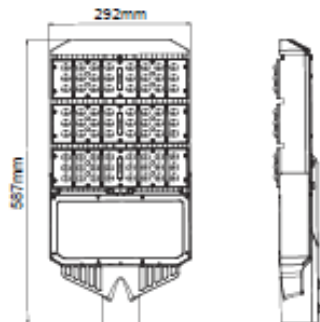
hrs

Lifespan

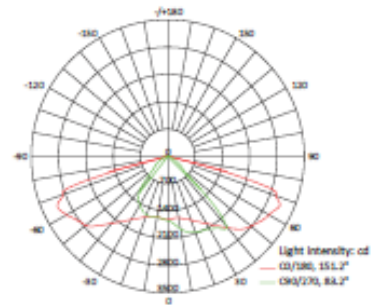
Features

- Module can be remove and replace independently, cost saving and convenient installation
- More than 35, 000 hrs lifespan, 8 times longer than high pressure sodium (HPS) lamp
- Fast response, instant start, excellent light visibility and no glare, high CRI factor
- Adjustable light angle for precise light control
- Eco-friendly, no pollution, no noise

Dimensions

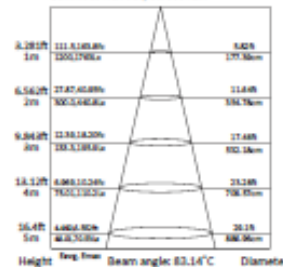


Photometric Data



Average of beam angle(50%): 117.2°

Luminous flux output: 3057lm



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G859001	AC 100-240V	90W	7200lm	80lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP65	50-60Hz	-20°C~50°C	6.8kg	587×292×98mm



Global Ocean Group

Green Light Solutions Corp.

120W LED Street Light

G85N201



Energy Saving



120W
LED
Street Light



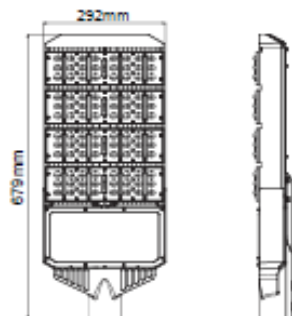
480W
High Pressure
Sodium Lamp

120W Power	>75 CRI	120° Beam Angle	35,000 hrs Lifespan
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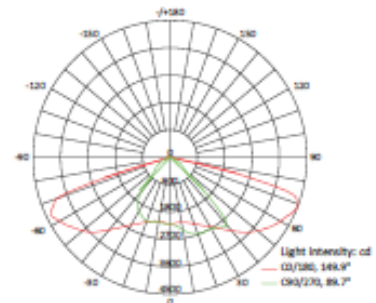
Features

- Module can be remove and replace independently, cost saving and convenient installation
- More than 35, 000 hrs lifespan, 8 times longer than high pressure sodium (HPS) lamp
- Fast response, instant start, excellent light visibility and no glare, high CRI factor
- Adjustable light angle for precise light control
- Eco-friendly, no pollution, no noise

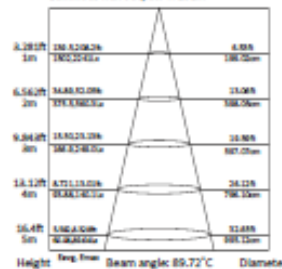
Dimensions



Photometric Data



Luminous flux output: 4719Lm



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G85N201	AC 100-240V	120W	9600Lm	80Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP65	50-60Hz	-20°C~50°C	7.7kg	679×292×98mm

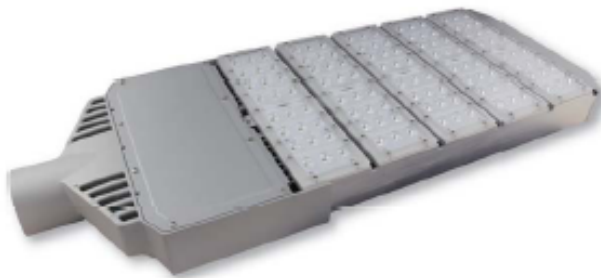


Global Ocean Group

Green Light Solutions Corp.

150W LED Street Light

G85N501



Energy



Saving

150W
LED
Street Light



600W
High Pressure
Sodium Lamp

150W

Power

>75

CRI

120°

Beam Angle

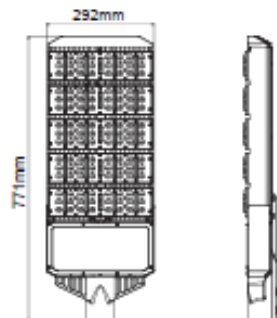
35,000
hrs

Lifespan

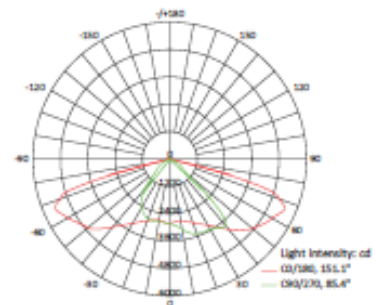
Features

- Module can be remove and replace independently, cost saving and convenient installation
- More than 35,000 hrs lifespan, 8 times longer than high pressure sodium (HPS) lamp
- Fast response, instant start, excellent light visibility and no glare, high CRI factor
- Adjustable light angle for precise light control
- Eco-friendly, no pollution, no noise

Dimensions

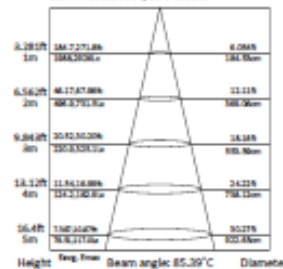


Photometric Data



Average of beam angle(50%): 118.2°

Luminous flux output: 5400Lm



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G85N501	AC 100-240V	150W	12000Lm	80Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP65	50-60Hz	-20°C~50°C	8.6kg	771×292×98mm



Global Ocean Group

Green Light Solutions Corp.

LED Spot Lights

- Exterior casing utilize Aluminum-magnesium alloy for light weight and enhanced heat dissipation.
- Product uses imported Epistar LED Chip. Reduce light degradation, extends product life span and increase efficiency for better energy savings.
- Photometric characteristics can be customized on demand beam angle can be from 45° - 80°. Specially engineered light reflector for uniform light output.



Applications

- Hotel
- Shopping mall
- Residential
- Meeting room





Global Ocean Group

Green Light Solutions Corp.

LED Par Series

FEATURES & SPECIFICATIONS

Color Rendering: 80
 Power Factor: 0.9
 Lamp Life: 50,000 Hours
 Replaces: Par 20 25-50W
 Par 30 50-75W
 Par 38 75-100W

Catalog Number	
Notes	Quantity

APPLICATIONS

Offices	Supermarkets
Retail Stores	Hospitals
Schools	Airports
Shopping Malls	Museums
Galleries	Restaurants
Homes	Gas Stations



Ordering Information

Lead times will vary depending on options selected. Consult with your sales representative.
 Example: Par 307 120 CR NW E26 345 No

PAR	Size/LED Count	Voltage	Chip Type (1)	Color Correlated Temperature	Base
PAR	2012 Par 20/12 LED 204 Par 20/4 LED 305 Par 30/5 LED 307 Par 30/7 LED 389 Par 38/9 LED 3812 Par 38/12 LED	120 AC 120V 277 AC 277V	CR Cree XPE DE Double End	WW 2700-3500K NW 4100-4500K DW 5000-6000K CW 6500-7500K	E26 E27

Notes:

1. Custom chip types and bin sorts are available for larger orders.
2. Custom light angle available for larger orders.
3. If ordering lamps that will never be dimmed, order non-dimmable.

Light Angle (2)	Dimmable (3)
-----------------	--------------

Par 20
 215 15 degree
 230 30 degree
 245 45 degree

Par 30
 330 30 degree
 345 45 degree
 360 60 degree

Par 38
 3830 30 degree
 3845 45 degree

Yes
 No

Size	Wattage	Lumens
2012	8	340-368
204	10	440-480
305	12	520-760
307	12	600-775
389	17	825-1122
3812	17	920-1201



Global Ocean Group

Green Light Solutions Corp.

5W LED Spot Light

G610501



Energy Saving

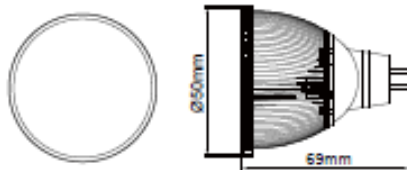
5W LED Spot Light \Rightarrow 36W Traditional Halogen Lamp

5W Power >80 CRI 45° Beam Angle 35,000 hrs Lifespan

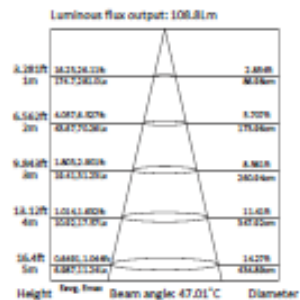
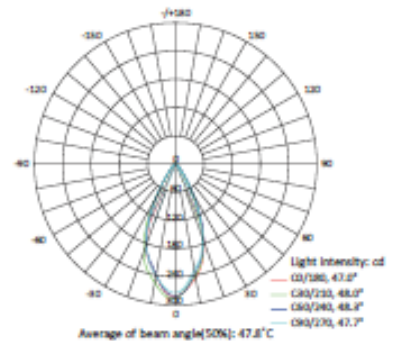
Features

- Energy saving up to 70%, compared to traditional halogen lamp
- More than 35,000 hrs lifespan, 5 times longer than traditional halogen lamp
- Alloyed aluminum housing, PC cover, excellent light transmittance, shock-proof
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Photometric Data





Global Ocean Group

Green Light Solutions Corp.

5W LED Spot Light

G610504



Energy Saving

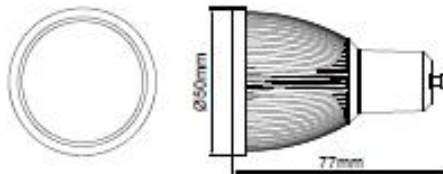
5W LED Spot Light \Rightarrow 36W Traditional Halogen Lamp

5W Power >80 CRI 45° Beam Angle 35,000 hrs Lifespan

Features

- Energy saving up to 70%, compared to traditional halogen lamp
- More than 35,000 hrs lifespan, 5 times longer than traditional halogen lamp
- Alloyed aluminum housing, PC cover, excellent light transmittance, shock-proof
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional
- GU10, E27, base optional

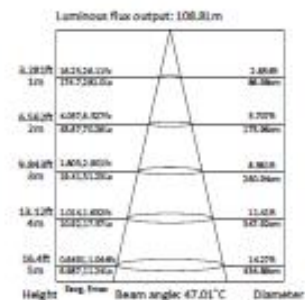
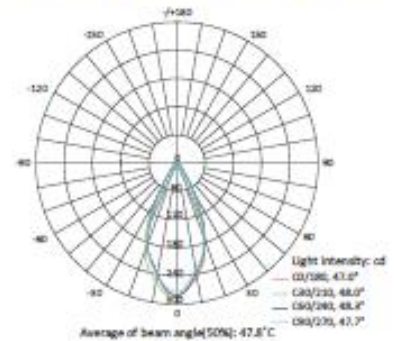
Dimensions



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G610504	AC 100-265V	5W	350Lm	70Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.5	IP20	50-60Hz	-20°C~50°C	0.066kg	Ø50×77mm

Photometric Data





Global Ocean Group

Green Light Solutions Corp.

5W LED Spot Light

G610505



Energy Saving

5W LED Spot Light → 36W Traditional Halogen Lamp

5W Power

>80 CRI

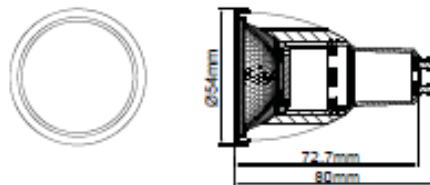
80° Beam Angle

35,000 hrs Lifespan

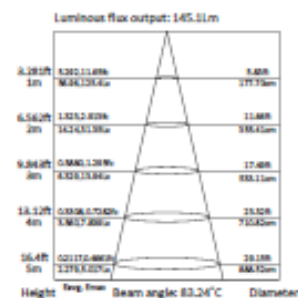
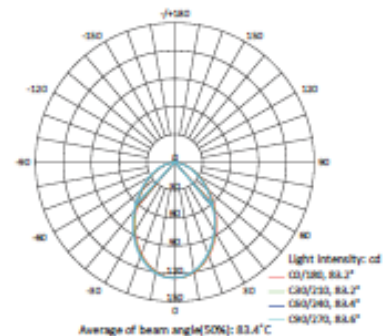
Features

- Energy saving up to 70%, compared to traditional halogen lamp
- More than 35,000 hrs lifespan, 5 times longer than traditional halogen lamp
- Alloyed aluminum housing, PC cover, excellent light transmittance, shock-proof
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional
- GU10, E27, base optional

Dimensions



Photometric Data



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G610505	AC 100-265V	5W	350lm	70Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.5	IP20	50-60Hz	-20°C~50°C	0.072kg	∅54×80mm



HPL Technologies

High Performance Lighting

LED Grid Spotlights

- Product has low power usage, high stability and high safety standards.
- Lathe aluminum casted, good impact resistance and durable. Light cover uses high quality PC material, uniform light radiance.
- Reflector uses a special lighting technology to reduce dark spots. Utilizes high quality COB light source with a simple exterior design.



Applications

- Hotel
- Shopping mall
- Residential
- Club
- Office





Global Ocean Group

Green Light Solutions Corp.

5W LED Grid Spotlight

G700501



Energy Saving

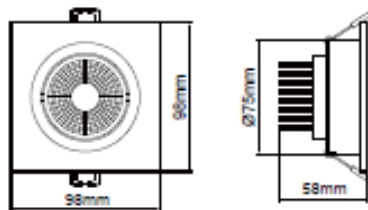
5W LED Grid Spotlight \Rightarrow 30W Traditional Metal Halide Grid Spotlight

5W Power >80 CRI 45° Beam Angle 35,000 hrs Lifespan

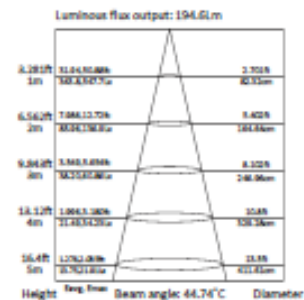
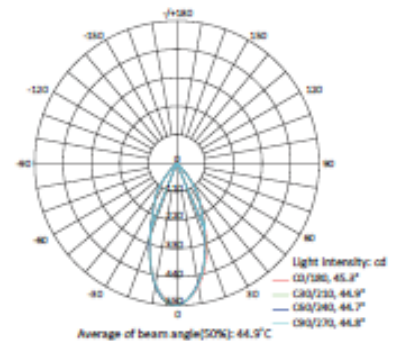
Features

- Energy saving up to 80%, compared to traditional metal halide grid spotlight
- More than 35,000 hrs lifespan, 8 times longer than traditional metal halide grid spotlight
- Lathe processed aluminum to increase area for more effective air convection and heat dissipation
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Photometric Data



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G700501	AC 100-265V	5W	400Lm	80Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP50	50-60Hz	-20°C~50°C	0.33kg	98×98×58mm Hole size: Ø80mm



Global Ocean Group

Green Light Solutions Corp.

10W LED Grid Spotlight G701001



Energy Saving

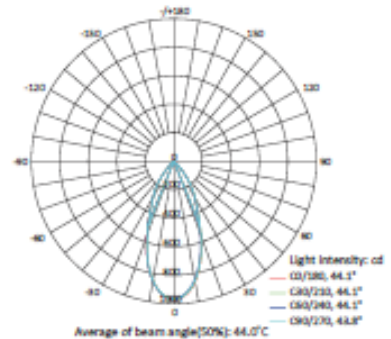
10W LED Grid Spotlight \Rightarrow 60W Traditional Metal Halide Grid Spotlight

10W Power >80 CRI 45° Beam Angle 35,000 hrs Lifespan

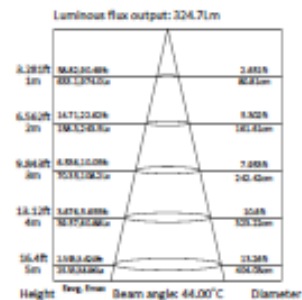
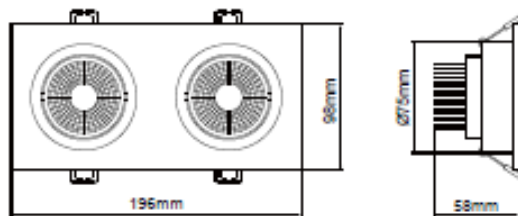
Features

- Energy saving up to 80%, compared to traditional metal halide grid spotlight
- More than 35,000 hrs lifespan, 8 times longer than traditional metal halide grid spotlight
- Lathe processed aluminum to increase area for more effective air convection and heat dissipation
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Photometric Data



Dimensions



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G701001	AC 100-265V	10W	800Lm	80Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP50	50-60Hz	-20°C~50°C	0.64kg	196x96x58mm Hole size: 178x80mm



Global Ocean Group

Green Light Solutions Corp.

LED Bulbs

- Exterior cover is made with aluminum-magnesium alloy with light weight design in mind. Silicon resin is bonded with COB chip for extremely efficient heat dissipation. Superb light permeability and light diffusion to give a glare free light output.
- Product employs high efficiency COB LED light source. Save more than 80% energy compare to traditional incandescent bulbs.
- High quality isolated driver for high power factor (PF).



Applications

- Hotel
- Shopping mall
- Residential
- The museum
- Office





Global Ocean Group

Green Light Solutions Corp.

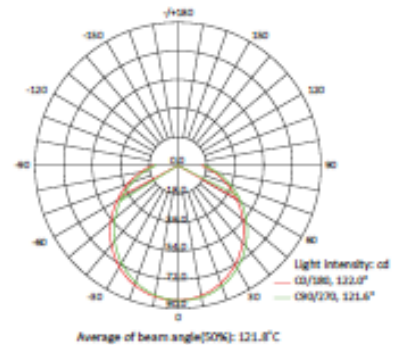
5W LED Bulb

G650501



5W Power	>80 CRI	120° Beam Angle	35,000 hrs Lifespan
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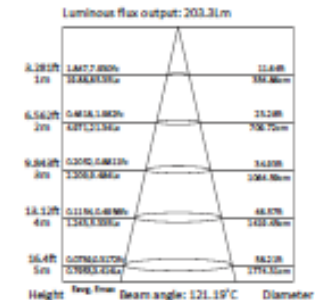
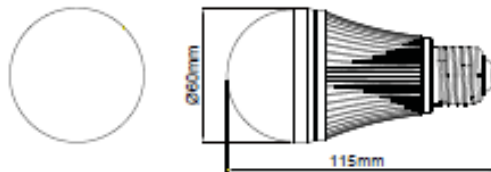
Photometric Data



Features

- Energy saving up to 80%, compared to incandescent lamp
- More than 35,000 hrs lifespan, 8 times longer than incandescent lamp
- Lathe processed aluminum to increase area for more effective air convection and heat dissipation
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G650501	AC 100-265V	5W	400Lm	80Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.75	IP50	50-60Hz	-20°C~50°C	0.13kg	ø60×115mm



Global Ocean Group

Green Light Solutions Corp.

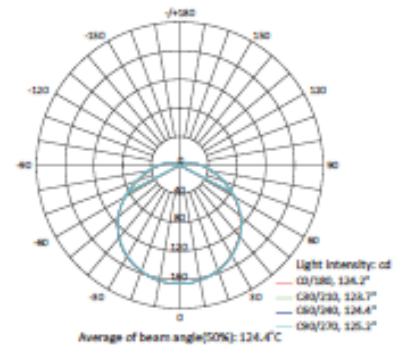
7W LED Bulb

G650701



7W Power >80 CRI 120° Beam Angle 35,000 hrs Lifespan

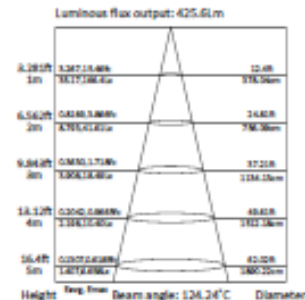
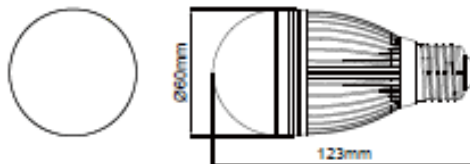
Photometric Data



Features

- Energy saving up to 80%, compared to incandescent lamp
- More than 35,000 hrs lifespan, 8 times longer than incandescent lamp
- Lathe processed aluminum to increase area for more effective air convection and heat dissipation
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G650701	AC 100-265V	7W	560lm	80Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.75	IP50	50-60Hz	-20°C~50°C	0.146kg	φ60×123mm



Global Ocean Group

Green Light Solutions Corp.

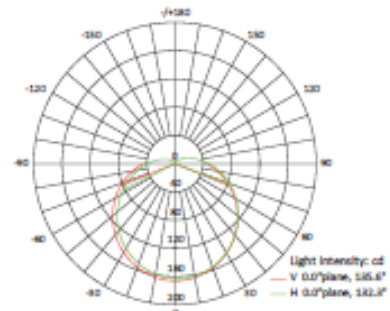
9W LED Bulb

G650901



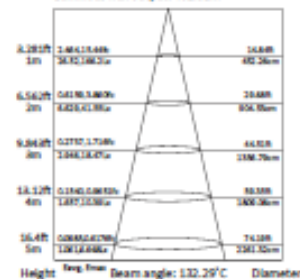
9W Power	>80 CRI	120° Beam Angle	35,000 hrs Lifespan
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Photometric Data



Average of beam angle(50%): 132.9°C

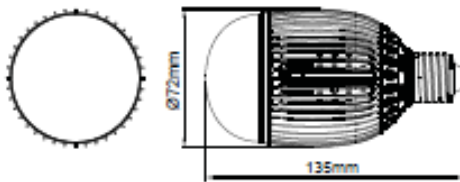
Luminous flux output: 462.31lm



Features

- Energy saving up to 80%, compared to incandescent lamp
- More than 35,000 hrs lifespan, 8 times longer than incandescent lamp
- Finned heat dissipation, effective air convection
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G650901	AC 100-265V	9W	720Lm	80Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.75	IP50	50-60Hz	-20°C~50°C	0.14kg	ø72×135mm



Global Ocean Group

Green Light Solutions Corp.

27W LED Bulb

G652701



Energy Saving

27W LED Bulb \Rightarrow 212W Incandescent Lamp

27W Power >80 CRI 120° Beam Angle 35,000 hrs Lifespan

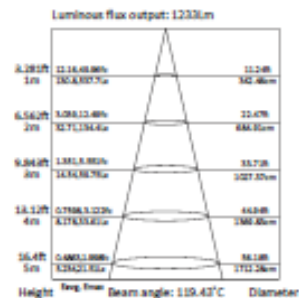
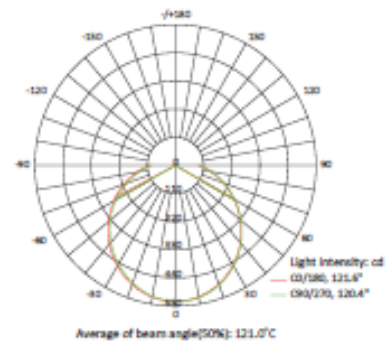
Features

- Energy saving up to 80%, compared to incandescent lamp
- More than 35,000 hrs lifespan, 8 times longer than incandescent lamp
- Finned heat dissipation, effective air convection
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Photometric Data



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G652701	AC 100-265V	27W	2160lm	80lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.95	IP50	50-60Hz	-20°C~50°C	0.5kg	∅130×194mm



Global Ocean Group

Green Light Solutions Corp.

LED Candle Lights

- Candle bulb uses extruded aluminum and transparent PC cover, creating a simplistic air ventilation design.
- Bulb uses an internal constant current driver for a more stable and reliable product operation.
- Specialized photometric design from a single light source to a multi-angle light distribution on a 6 way surface for a 270° wide light angle.



Applications

- Hotel
- Shopping mall
- Residential
- Meeting room





Global Ocean Group

Green Light Solutions Corp.

3W LED Candle Light G640301



Energy Saving



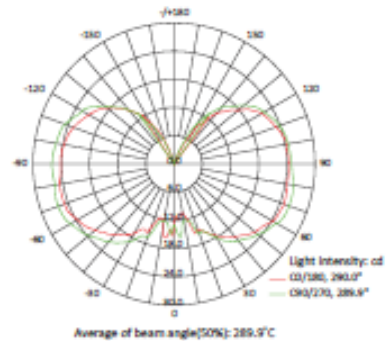
3W
LED
Candle Light



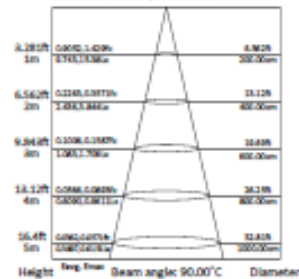
28W
Incandescent
Lamp

3W Power	>75 CRI	270° Beam Angle	35,000 hrs Lifespan
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Photometric Data



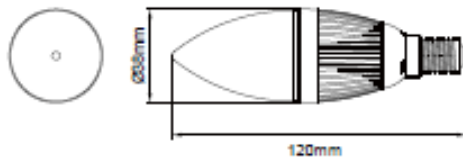
Luminous flux output: 30.62lm



Features

- Energy saving up to 80%, compared to incandescent lamp
- More than 35, 000 hrs lifespan, 8 times longer than incandescent lamp
- Alloyed aluminum housing, transparent PC cover, excellent light transmittance, shock-proof
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G640301	AC 100-265V	3W	240Lm	80Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.5	IP50	50-60Hz	-20°C~50°C	0.066kg	∅38x120mm



Global Ocean Group

Green Light Solutions Corp.

LED Ceiling Lights

- Cover uses ASA standard material, for light weight design. ASA plastic has great heat resistance and prevents color discoloration for easy installation and extended operation.
- LED lens utilize special acrylic material for light permeability factor of up to 90%. Uniform and soft light output, no glare, and highly efficient.
- Product utilize fin design aluminum extrude profile for better heat dissipation.



Applications

- Hotel
- Shopping mall
- Residential
- Club
- Office





Global Ocean Group

Green Light Solutions Corp.

3W LED Ceiling Light

G630301



Energy Saving

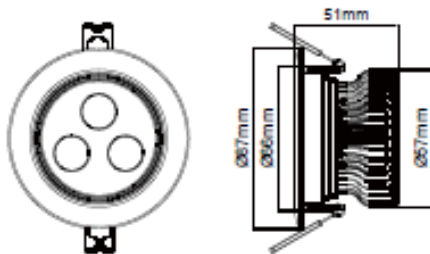
3W LED Ceiling Light → 15W Traditional CFL Light

3W Power >80 CRI 40° Beam Angle 35,000 hrs Lifespan

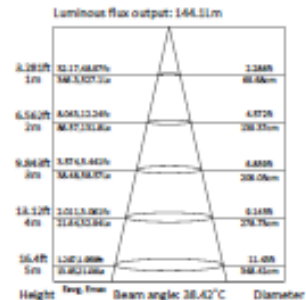
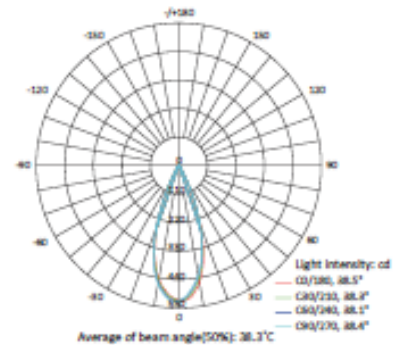
Features

- Energy saving up to 80%, compared to traditional CFL light
- More than 35,000 hrs lifespan, 8 times longer than traditional CFL lamp
- Finned heat dissipation, effective air convection
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Photometric Data



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G630301	AC 100-265V	3W	225Lm	75Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP50	50-60Hz	-20°C~50°C	0.19kg	Ø87×51mm Hole size: Ø70mm



Global Ocean Group

Green Light Solutions Corp.

7W LED Ceiling Light

G630701



7W Power

>80 CRI

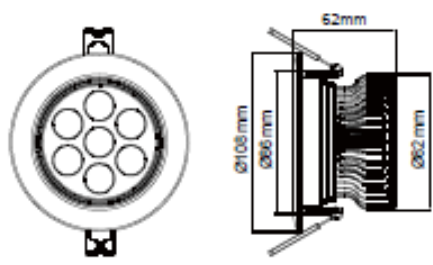
25° Beam Angle

35,000 hrs Lifespan

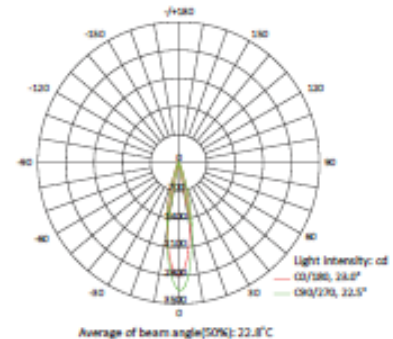
Features

- Energy saving up to 80%, compared to traditional CFL light
- More than 35,000 hrs lifespan, 8 times longer than traditional CFL lamp
- Finned heat dissipation, effective air convection
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Photometric Data



Luminous flux output: 279lm

Height	Beam angle: 22.55°C	Diameter
2.2812m	100.02018%	1.000m
3m	277.0336%	36.35mm
6.5625m	65.767240%	1.818m
2m	40.47948%	76.75mm
9.8437m	20.845238%	3.824m
3m	24.33487%	120.46mm
18.1125m	11.441820%	5.325m
4m	125.1363%	186.25mm
16.48m	7.020140%	4.8m
5m	76.82115%	186.34mm

Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G630701	AC 100-265V	7W	525Lm	75Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP50	50-60Hz	-20°C~50°C	0.239kg	∅108×62mm Hole size: ∅96mm



Global Ocean Group

Green Light Solutions Corp.

12W LED Ceiling Light

G631201



Energy Saving

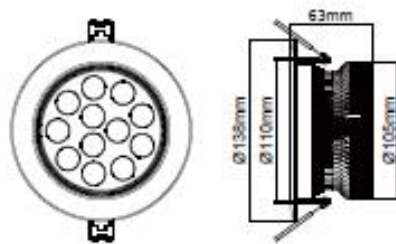
12W LED Ceiling Light \Rightarrow 60W Traditional CFL Light

12W Power >80 CRI 25° Beam Angle 35,000 hrs Lifespan

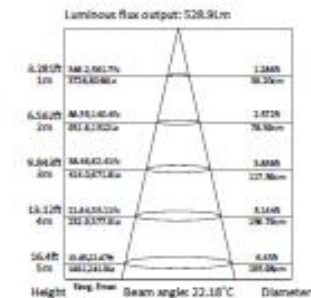
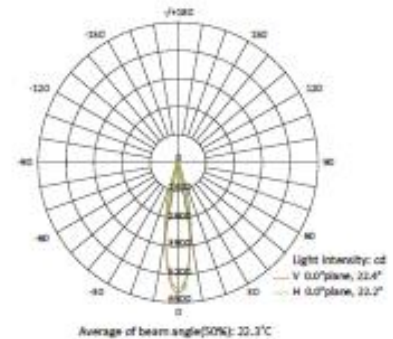
Features

- Energy saving up to 80%, compared to traditional CFL light
- More than 35,000 hrs lifespan, 8 times longer than traditional CFL lamp
- Finned heat dissipation, effective air convection
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Photometric Data



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G631201	AC 100-265V	12W	900Lm	75Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP50	50-60Hz	-20°C~50°C	0.353kg	∅138×63mm Hole size: ∅120mm



Global Ocean Group

Green Light Solutions Corp.

24W LED Ceiling Light

G632401



Energy Saving

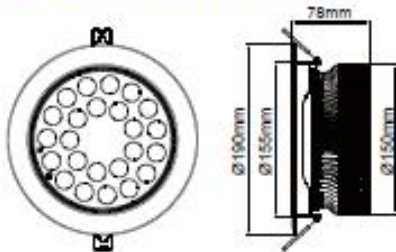
24W LED Ceiling Light \Rightarrow 120W Traditional CFL Light

24W Power >80 CRI 25° Beam Angle 35,000 hrs Lifespan

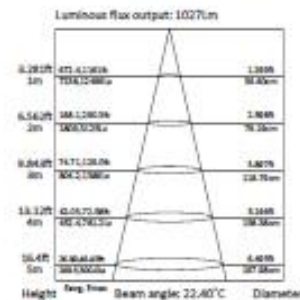
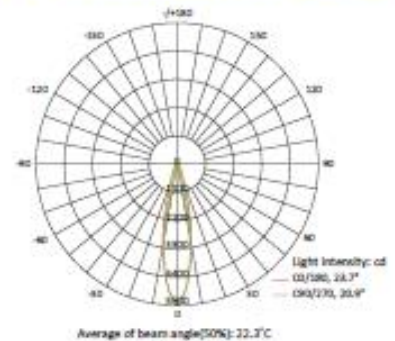
Features

- Energy saving up to 80%, compared to traditional CFL light
- More than 35,000 hrs lifespan, 8 times longer than traditional CFL lamp
- Finned heat dissipation, effective air convection
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Photometric Data



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G632401	AC 100-265V	24W	1800Lm	75Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP50	50-60Hz	-20°C~50°C	0.65kg	Ø190×78mm Hole size: Ø155mm



Global Ocean Group

Green Light Solutions Corp.

LED Down Lights

- Aluminum alloy fin design to enhance heat dissipation and light weight.
- Special design to eliminate dark spots and uneven light pattern.
- Employs wide voltage isolated constant current driver to ensure stable light operation.



Applications

• Hotel

• Shopping mall

• Residential

• Club

• Office





Global Ocean Group

Green Light Solutions Corp.

3W LED Down Light

G620301



Energy Saving

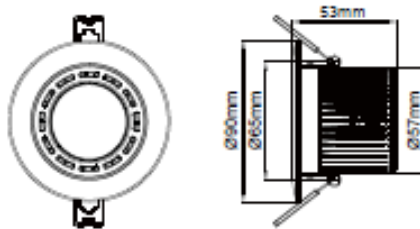
3W LED Down Light \Rightarrow 12W Traditional CFL Down Light

3W Power >80 CRI 90° Beam Angle 35,000 hrs Lifespan

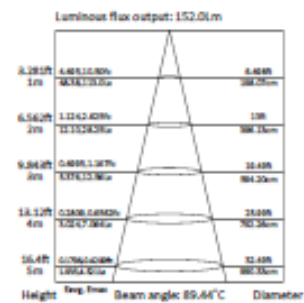
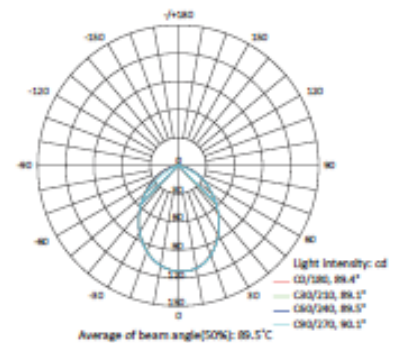
Features

- Energy saving up to 70%, compared to traditional CFL down light
- More than 35,000 hrs lifespan, 8 times longer than traditional CFL down light
- Finned heat dissipation, effective air convection
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Photometric Data



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G620301	AC 100-265V	3W	240Lm	80Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP50	50-60Hz	-20°C~50°C	0.13kg	Ø90x53mm Hole size: Ø70mm



Global Ocean Group

Green Light Solutions Corp.

7W LED Down Light G620701



Energy Saving

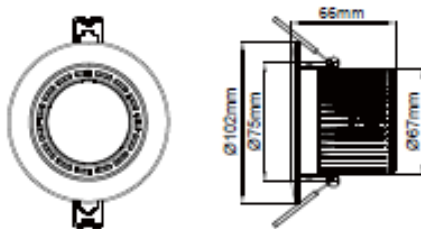
7W LED Down Light \Rightarrow 30W Traditional CFL Down Light

7W Power >80 CRI 85° Beam Angle 35,000 hrs Lifespan

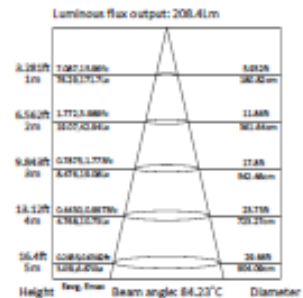
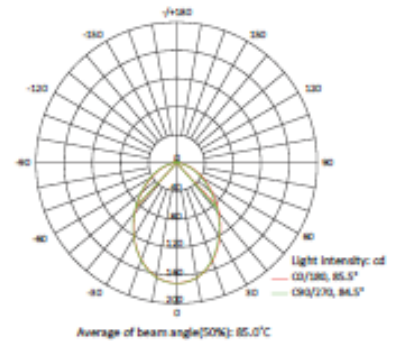
Features

- Energy saving up to 70%, compared to traditional CFL down light
- More than 35,000 hrs lifespan, 8 times longer than traditional CFL down light
- Finned heat dissipation, effective air convection
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Photometric Data



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G620701	AC 100-265V	7W	560lm	80Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP50	50-60Hz	-20°C~50°C	0.155kg	Ø102×66mm Hole size: Ø86mm



HPL Technologies

High Performance Lighting

15W LED Down Light

G621501



Energy Saving

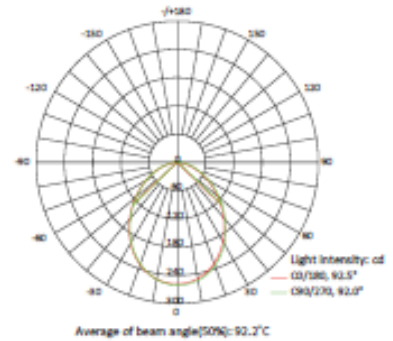
15W LED Down Light \Rightarrow 60W Traditional CFL Down Light

15W Power >80 CRI 90° Beam Angle 35,000 hrs Lifespan

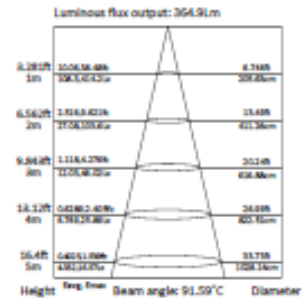
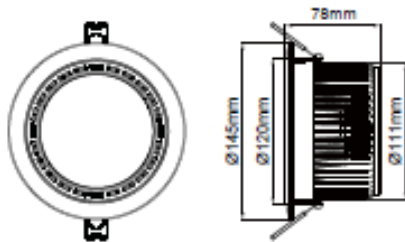
Features

- Energy saving up to 70%, compared to traditional CFL down light
- More than 35,000 hrs lifespan, 8 times longer than traditional CFL down light
- Finned heat dissipation, effective air convection
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Photometric Data



Dimensions



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G621501	AC 100-265V	15W	1200Lm	80Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP50	50-60Hz	-20°C~50°C	0.332kg	145x78mm Hole size: 120mm



Global Ocean Group

Green Light Solutions Corp.

24W LED Down Light

G622401



Energy Saving



24W
LED
Down Light



100W
Traditional
CFL Down Light

24W
Power

>80
CRI

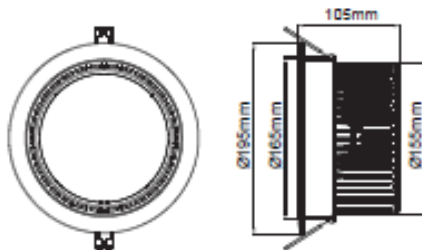
90°
Beam Angle

35,000
hrs
Lifespan

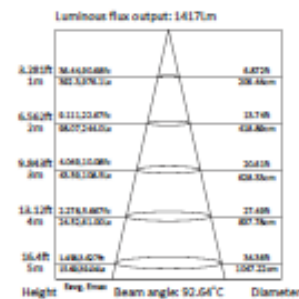
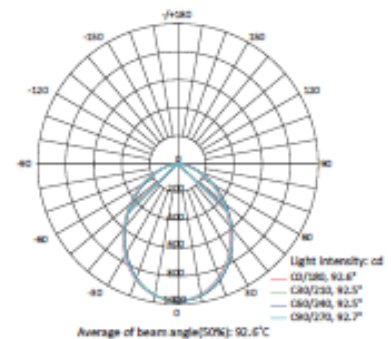
Features

- Energy saving up to 70%, compared to traditional CFL down light
- More than 35,000 hrs lifespan, 8 times longer than traditional CFL down light
- Finned heat dissipation, effective air convection
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Dimensions



Photometric Data



Specifications

Model	Input Voltage	Rated Power (Avg)	Luminous Flux(Avg)	Luminous Efficiency	Color Temperature	Power Factor	IP Rating	Working Frequency	Working Temperature	Product N.W	Product Size
G622401	AC 100-265V	24W	1920lm	80Lm/W	<input type="checkbox"/> 3000K-3500K <input type="checkbox"/> 4000K-4500K <input type="checkbox"/> 5500K-6000K	>0.9	IP50	50-60Hz	-20°C~50°C	0.620kg	Ø195×105mm Hole size: Ø175mm



Global Ocean Group

Green Light Solutions Corp.

36W LED Down Light

G623601



Energy Saving

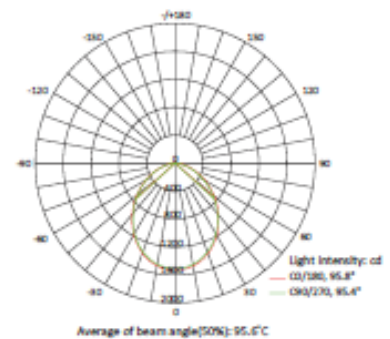
36W LED Down Light \Rightarrow 140W Traditional CFL Down Light

36W Power **>80** CRI **90°** Beam Angle **35,000 hrs** Lifespan

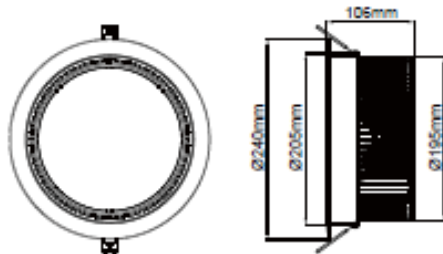
Features

- Energy saving up to 70%, compared to traditional CFL down light
- More than 35,000 hrs lifespan, 8 times longer than traditional CFL down light
- Finned heat dissipation, effective air convection
- Environmental friendly, no pollution, no noise
- Wide working voltage range, safe and reliable, no flicker, instant start
- High color rendering, color temperature optional

Photometric Data



Dimensions



Luminous flux output: 2890lm

Height	Beam angle	Diameter
1.281m	83.1140.3%	1.188m
2.562m	76.27160%	2.376m
3.843m	71.411.0%	3.564m
5.124m	67.5382.4%	4.752m
6.405m	64.2413.7%	5.940m
7.686m	61.4115.0%	7.128m
8.967m	58.9116.3%	8.316m
10.248m	56.6117.6%	9.504m
11.529m	54.4118.9%	10.692m
12.810m	52.3120.2%	11.880m
14.091m	50.3121.5%	13.068m
15.372m	48.4122.8%	14.256m
16.653m	46.6124.1%	15.444m
17.934m	44.9125.4%	16.632m
19.215m	43.3126.7%	17.820m
20.496m	41.8128.0%	19.008m
21.777m	40.4129.3%	20.196m
23.058m	39.0130.6%	21.384m
24.339m	37.7131.9%	22.572m
25.620m	36.5133.2%	23.760m
26.901m	35.4134.5%	24.948m
28.182m	34.4135.8%	26.136m
29.463m	33.5137.1%	27.324m
30.744m	32.7138.4%	28.512m
32.025m	32.0139.7%	29.700m
33.306m	31.4141.0%	30.888m
34.587m	30.9142.3%	32.076m
35.868m	30.5143.6%	33.264m
37.149m	30.1144.9%	34.452m
38.430m	29.8146.2%	35.640m
39.711m	29.5147.5%	36.828m
40.992m	29.3148.8%	38.016m
42.273m	29.1150.1%	39.204m
43.554m	29.0151.4%	40.392m
44.835m	28.9152.7%	41.580m
46.116m	28.9154.0%	42.768m
47.397m	28.9155.3%	43.956m
48.678m	28.9156.6%	45.144m
49.959m	28.9157.9%	46.332m
51.240m	28.9159.2%	47.520m
52.521m	28.9160.5%	48.708m
53.802m	28.9161.8%	49.896m
55.083m	28.9163.1%	51.084m
56.364m	28.9164.4%	52.272m
57.645m	28.9165.7%	53.460m
58.926m	28.9167.0%	54.648m
60.207m	28.9168.3%	55.836m
61.488m	28.9169.6%	57.024m
62.769m	28.9170.9%	58.212m
64.050m	28.9172.2%	59.400m
65.331m	28.9173.5%	60.588m
66.612m	28.9174.8%	61.776m
67.893m	28.9176.1%	62.964m
69.174m	28.9177.4%	64.152m
70.455m	28.9178.7%	65.340m
71.736m	28.9180.0%	66.528m
73.017m	28.9181.3%	67.716m
74.298m	28.9182.6%	68.904m
75.579m	28.9183.9%	70.092m
76.860m	28.9185.2%	71.280m
78.141m	28.9186.5%	72.468m
79.422m	28.9187.8%	73.656m
80.703m	28.9189.1%	74.844m
81.984m	28.9190.4%	76.032m
83.265m	28.9191.7%	77.220m
84.546m	28.9193.0%	78.408m
85.827m	28.9194.3%	79.596m
87.108m	28.9195.6%	80.784m
88.389m	28.9196.9%	81.972m
89.670m	28.9198.2%	83.160m
90.951m	28.9199.5%	84.348m
92.232m	28.9200.8%	85.536m
93.513m	28.9202.1%	86.724m
94.794m	28.9203.4%	87.912m
96.075m	28.9204.7%	89.100m
97.356m	28.9206.0%	90.288m
98.637m	28.9207.3%	91.476m
99.918m	28.9208.6%	92.664m
101.199m	28.9210.0%	93.852m
102.480m	28.9211.3%	95.040m
103.761m	28.9212.6%	96.228m
105.042m	28.9213.9%	97.416m
106.323m	28.9215.2%	98.604m
107.604m	28.9216.5%	99.792m
108.885m	28.9217.8%	100.980m
110.166m	28.9219.1%	102.168m
111.447m	28.9220.4%	103.356m
112.728m	28.9221.7%	104.544m
114.009m	28.9223.0%	105.732m
115.290m	28.9224.3%	106.920m
116.571m	28.9225.6%	108.108m
117.852m	28.9226.9%	109.296m
119.133m	28.9228.2%	110.484m
120.414m	28.9229.5%	111.672m
121.695m	28.9230.8%	112.860m
122.976m	28.9232.1%	114.048m
124.257m	28.9233.4%	115.236m
125.538m	28.9234.7%	116.424m
126.819m	28.9236.0%	117.612m
128.100m	28.9237.3%	118.800m
129.381m	28.9238.6%	120.000m
130.662m	28.9239.9%	121.200m
131.943m	28.9241.2%	122.400m
133.224m	28.9242.5%	123.600m
134.505m	28.9243.8%	124.800m
135.786m	28.9245.1%	126.000m
137.067m	28.9246.4%	127.200m
138.348m	28.9247.7%	128.400m
139.629m	28.9249.0%	129.600m
140.910m	28.9250.3%	130.800m
142.191m	28.9251.6%	132.000m
143.472m	28.9252.9%	133.200m
144.753m	28.9254.2%	134.400m
146.034m	28.9255.5%	135.600m
147.315m	28.9256.8%	136.800m
148.596m	28.9258.1%	138.000m
149.877m	28.9259.4%	139.200m
151.158m	28.9260.7%	140.400m
152.439m	28.9262.0%	141.600m
153.720m	28.9263.3%	142.800m
155.001m	28.9264.6%	144.000m
156.282m	28.9265.9%	145.200m
157.563m	28.9267.2%	146.400m
158.844m	28.9268.5%	147.600m
160.125m	28.9269.8%	148.800m
161.406m	28.9271.1%	150.000m
162.687m	28.9272.4%	151.200m
163.968m	28.9273.7%	152.400m
165.249m	28.9275.0%	153.600m
166.530m	28.9276.3%	154.800m
167.811m	28.9277.6%	156.000m
169.092m	28.9278.9%	157.200m
170.373m	28.9280.2%	158.400m
171.654m	28.9281.5%	159.600m
172.935m	28.9282.8%	160.800m
174.216m	28.9284.1%	162.000m
175.497m	28.9285.4%	163.200m
176.778m	28.9286.7%	164.400m
178.059m	28.9288.0%	165.600m
179.340m	28.9289.3%	166.800m
180.621m	28.9290.6%	168.000m
181.902m	28.9291.9%	169.200m
183.183m	28.9293.2%	170.400m
184.464m	28.9294.5%	171.600m
185.745m	28.9295.8%	172.800m
187.026m	28.9297.1%	174.000m
188.307m	28.9298.4%	175.200m
189.588m	28.9299.7%	176.400m
190.869m	28.9301.0%	177.600m
192.150m	28.9302.3%	178.800m
193.431m	28.9303.6%	180.000m
194.712m	28.9304.9%	181.200m
195.993m	28.9306.2%	182.400m
197.274m	28.9307.5%	183.600m
198.555m	28.9308.8%	184.800m
199.836m	28.9310.1%	186.000m
201.117m	28.9311.4%	187.200m
202.398m	28.9312.7%	188.400m
203.679m	28.9314.0%	189.600m
204.960m	28.9315.3%	190.800m
206.241m	28.9316.6%	192.000m
207.522m	28.9317.9%	193.200m
208.803m	28.9319.2%	194.400m
210.084m	28.9320.5%	195.600m
211.365m	28.9321.8%	196.800m
212.646m	28.9323.1%	198.000m
213.927m	28.9324.4%	199.200m
215.208m	28.9325.7%	200.400m
216.489m	28.9327.0%	201.600m
217.770m	28.9328.3%	202.800m
219.051m	28.9329.6%	204.000m
220.332m	28.9330.9%	205.200m
221.613m	28.9332.2%	206.400m
222.894m	28.9333.5%	207.600m
224.175m	28.9334.8%	208.800m
225.456m	28.9336.1%	210.000m
226.737m	28.9337.4%	211.200m
228.018m	28.9338.7%	212.400m
229.299m	28.9340.0%	213.600m
230.580m	28.9341.3%	214.800m
231.861m	28.9342.6%	216.000m
233.142m	28.9343.9%	217.200m
234.423m	28.9345.2%	218.400m
235.704m	28.9346.5%	219.600m
236.985m	28.9347.8%	220.800m
238.266m	28.9349.1%	222.000m
239.547m	28.9350.4%	223.200m
240.828m	28.9351.7%	224.400m
242.109m	28.9353.0%	225.600m
243.390m	28.9354.3%	226.800m
244.671m	28.9355.6%	228.000m
245.952m	28.9356.9%	229.200m
247.233m	28.9358.2%	230.400m
248.514m	28.9359.5%	231.600m
249.795m	28.9360.8%	232.800m
251.076m	28.9362.1%	234.000m
252.357m	28.9363.4%	235.200m
253.638m	28.9364.7%	236.400m
254.919m	28.9366.0%	237.600m
256.200m	28.9367.3%	238.800m
257.481m	28.9368.6%	240.000m
258.762m	28.9369.9%	241.200m
260.043m	28.9371.2%	242.400m
261.324m	28.9372.5%	243.600m
262.605m	28.9373.8%	244.800m
263.886m	28.9375.1%	246.000m
265.167m	28.9376.4%	247.200m
266.448m	28.9377.7%	248.400m
267.729m	28.9379.0%	249.600m
269.010m	28.9380.3%	250.800m
270.291m	28.9381.6%	252.000m
271.572m	28.9382.9%	253.200m
272.853m	28.9384.2%	254.400m
274.134m	28.9385.5%	255.600m
275.415m	28.9386.8%	256.800m
276.696m	28.9388.1%	258.000m
277.977m	28.9389.4%	259.200m
279.258m	28.9390.7%	260.400m
280.539m	28.9392.0%	261.600m
281.820m	28.9393.3%	262.800m
283.101m	28.9394.6%	264.000m
284.382m	28.9395.9%	265.200m
285.663m	28.9397.2%	266.400m
286.944m	28.9398.5%	267.600m
288.225m	28.9399.8%	268.800m
289.506m	28.9401.1%	270.000m
290.787m	28.9402.4%	271.200m
292.068m	28.9403.7%	272.400m
293.349m	28.9405.0%	273.600m
294.630m	28.9406.3%	274.800m
295.911m	28.9407.6%	276.000m
297.19		