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Lus-ter®

PRODUCT CATALOG

• LED Floodlight • LED Downlight • LED Spotlight • LED Lamp

Company Overview:

Being a pioneer in its field, Power Professional has set out itself to be a leading eco-friendly incorporation specialized in solar energy and solar-powered equipment. The primary areas of development involve renewable power generation and sustainable lighting materials integrated with energy efficient technologies. The asset of our company is to provide our customers with high quality and affordable products that fulfill their aspirations.

Facilities and Products:

Power Professional will make a revolution in the energy sector by the range of services it will offer to customers. The company provides products that meet all customers' needs focusing on the decrease of cost/risk production. The products include batteries, voltage transformers and electricity transfer control panels and the bestsellers include:

- **Monocrystalline Solar Panels:** They have the highest efficiency rates since they are made out of the highest-grade silicon. They are also space-efficient since these solar panels yield the highest power outputs and require the least amount of space compared to any other types.
- **Luster LED lighting:** This system includes the newest and the most exciting technological advance in the lighting industry. It has gained a good reputation as a result of its high quality illumination, long life, efficiency and endurance. The company provides both indoor and outdoor LED lights, LED bulbs, Fixtures, Spotlights, Downlights and Flood lights all in various colors and shapes.

Mission:

"It is our mission is to synergistically deliver products and services to provide total customer satisfaction for tomorrow's world through open knowledge

Goals and Objectives:

To pursue this mission, Power Professional has determined the following goals:

Best value for the cost:

We not only make sure our customers get the highest quality but also get the best deal

Differentiate the product:

We aim to make our products stand out in the field in its unique style not resembling any other product in the market.

Great customer service:

We intend to provide our clients with the best customer service for fast problem solutions

Invest a certain amount in innovation:

Investment in research and development is essential to maintain the level of quality products we promise our customers.

Eco-friendly systems:

We give you the freedom of generation own Electricity, benefit of reducing electricity bills up to 80% and also helping to reduce Carbon Dioxide emission hence protecting the planet for next generation.

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LED FLOOD LIGHT

New Economical Tendency
The New Era For Green Lighting

Features:

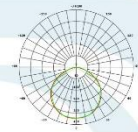
The FLF Series LED Floodlight adopts super bright LED as its luminous body, powered by IC on board driver, which is safety, energy saving, and long life. Aluminium die-casting body with baking varnish disposal makes it stylish and fashionable with everlasting color. Super slim body with glass cover perfectly gives consideration of industrial, modern and artistic. Excellent thermal management can effectively guarantee the LED's long-term stability. Instant start, no flickering, no humming, no hazardous material (mercury, lead etc.) IP66 guarantees the Floodlight to work outdoor in any kind of weather with no problem.



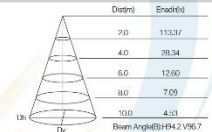
FLF SERIES



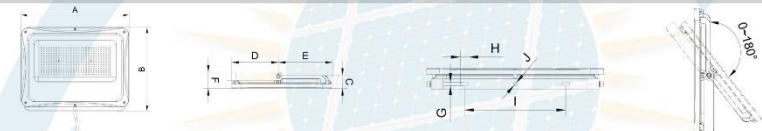
Light Distribution Curve



Lux Distance Curve



Product Dimensions Fig



Model	Power (W)	Input Voltage(V)	Current (mA)	CCT(K)	Lumen (LM)	Beam Angle	CRI	IP	HR	Weight(kg)
FLF020	20	220~240	Max.94	5000	2000	70°	≥80	IP65	> 50000	0.64
FLF030	30	220~240	Max.141	5000	3000	70°	≥80	IP65	> 50000	0.64
FLF040	40	220~240	Max.188	5000	4000	110°	≥80	IP65	> 50000	0.95
FLF050	50	220~240	Max.235	5000	5000	110°	≥80	IP65	> 50000	0.95
FLF060	60	220~240	Max.282	5000	6000	110°	≥80	IP65	> 50000	0.95
FLF100	100	220~240	Max.470	5000	10000	110°	≥80	IP65	> 50000	1.66
FLF150	150	220~240	Max.703	5000	15000	110°	≥80	IP65	> 50000	2.93
FLF200	200	220~240	Max.940	5000	20000	110°	≥80	IP65	> 50000	2.93

Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)	J(mm)	Windward Area(m²)
FLF020	175	172	29	58	88	35	6.5	15	100	6.5	0.0301
FLF030	175	172	29	58	88	35	6.5	15	100	6.5	0.0301
FLF040	225	212	31	67	107	35	6.5	15	130	6.5	0.0477
FLF050	225	212	31	67	107	35	6.5	15	130	6.5	0.0477
FLF060	225	212	31	67	107	35	6.5	15	130	6.5	0.0477
FLF100	304	270	33	97	137	40	8.8	20	140	6.5	0.0821
FLF150	421	327	40	144	167	50	8.5	20	240	6.5	0.1377
FLF200	421	327	40	144	167	50	8.5	20	240	6.5	0.1377

LED floodlights can be defined as high-intensity, broad beamed artificial lights often used to illuminate outdoor areas. Usually, they are used in

Playing fields while a sports event is being held during low light conditions. They can also be used during an outdoor function that requires

a lot of lighting. Large companies, industries and organizations use them during the night to illuminate their compound.

A vivid color ; a lot of commercial and industrial facilities trending toward 4000–5000K sources because the light more closely matches daylight,

And they feel it makes a space “feel” more productive and business-focused.

The other advantage to cooler light is that often people perceive it as “brighter” or producing more light than a source with a warmer color temperature.

Because of this increase in perceived light, shifting to cooler color temperatures may also have an energy-saving effect for some businesses, as they can

Actually use less light than they could with warmer CCT sources.

Features:

The FLF Series LED Floodlight adopts super bright LED as its luminous body, powered by IC on board driver, which is safety, energy saving, and long life. Aluminum die-casting body with baking varnish disposal makes it stylish and fashniable with everlasting color. Super slim body with glass cover perfectly gives consideration of industrial, modern and artistic.

Excellent thermal management can deductively guarantee the LED's long-term stability. Instant start, no flickering, no humming, no

hazardous material (mercury, lead etc.) IP66 guarantees the Floodlight to work outdoor in any kind of weather with no problem.

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LED Spot light

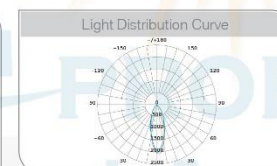
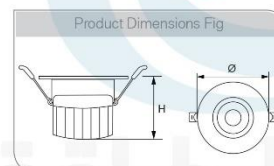
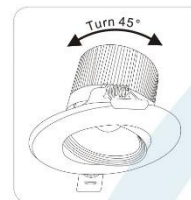
New Economical Tendency
The New Era For Green Lighting



1703PR SERIES

Features:

- Plastic Housing with Reflector or Lenses
- LED SMD design with high lumen output
- Switch dimming
- Build-in Driver included



Model	Dimension Ø*H(mm)	Cut-out	Watt(W)	Voltage(V)	Color temp(K)	Beam Angle	LM	CRI	HR
1703PR	Ø95*58	Ø75	8	220-240	2700-6500	30°	720	≥80	> 50000

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LED Down light

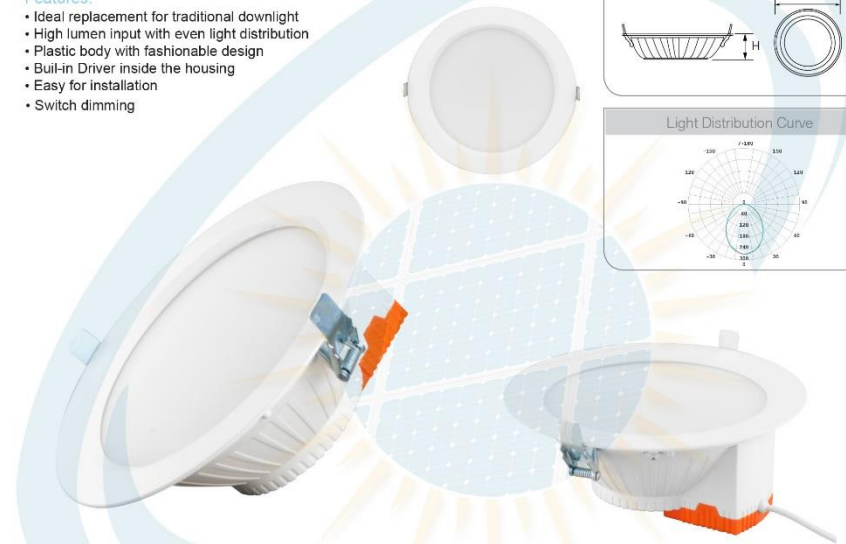
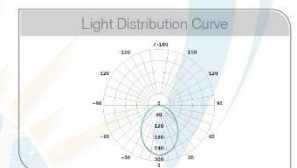
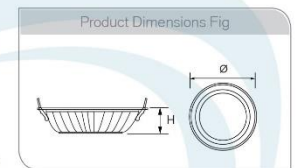
The 1708 LED Downlight adopts super bright LED as its luminous body, powered by constant current driver, which is safety, energy saving and long life.

Excellent thermal management can effectively guarantee the LED's Long-term stability, The plastic body gives its fashionable design, and the translucent acrylic front panel makes sure the lighting comes out soft, even and high transmittance.

1708

Features:

- Ideal replacement for traditional downlight
- High lumen input with even light distribution
- Plastic body with fashionable design
- Built-in Driver inside the housing
- Easy for installation
- Switch dimming



Model	Dimension Ø*H(mm)	Cut-out	Watt(W)	Voltage(V)	Color temp(K)	Beam Angle	LM	CRI	HR
1708	Ø160*70	Ø140	15	220-240	2700-6500	105°	1125	≥80	> 50000
	Ø220*85	Ø200	24	220-240	2700-6500	90°	2040	≥80	> 50000

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LED Bulb

New Economical Tendency
The New Era For Green Lighting

محترف

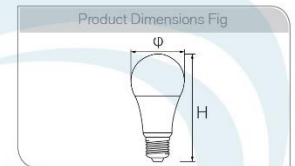


A60/A65/A80/A95

Features:

- Voltage: 220-240V 50/60HZ
- Color Temperature: 2700-6500K
- Color Rendering Index ≥ 80
- With Heat-Conductive Plastic Body and PC Cover
- one year warranty

- A60 also available in DC12V input
- Suitable for many applications powered by DC input such as solar lighting products, camping, boating, and many other portable lightings with batteries.



Model	H*Ø(mm)	Watt(W)	Voltage(V)	Color temp(K)	Beam Angle	LM	CRI	HR	Lamp Base
A60	112*Ø60	7	220-240	6500	200°	670	≥ 80	> 25000	E27
A60	112*Ø60	7	DC12	6500	200°	670	≥ 80	> 25000	E27
A65	125*Ø65	13	220-240	6500	200°	1230	≥ 80	> 25000	E27
A80	141*Ø80	15	220-240	6500	200°	1430	≥ 80	> 25000	E27
A95	179*Ø98	20	220-240	6500	200°	1900	≥ 80	> 25000	E27

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LED A60 Color Series

New Economical Tendency
The New Era For Green Lighting

LED A60 Color Series are suitable in many applications such as stage light, evirment light and commercial light. Varies colors are available such as Blue, Purple, Red, Green and many other colors.

A60

Features:

- Voltage 220-240V 50/60Hz
- Available in Blue, Purple, Red, Green and many other colors
- With Heat-Conductive plastic body and PC cover
- one year warranty

Product Dimensions Fig

PROF POWER

محترف الطاقة

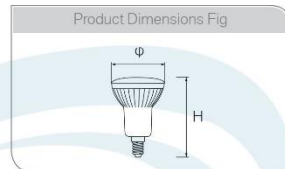
LED Lamp

Model	H*Ø(mm)	Watt(W)	Voltage(V)	Color temp(K)	Beam Angle	HR	Lamp Base
A60	138*Ø126	15	220-240	Blue/Purple/Red/Green	42.5°	> 25000	E27

R63

Features:

- Voltage: 90-265V 50/60HZ
- Color Temperature: 2700-6500K
- Color Rendering Index ≥ 80
- With Heat-Conductive Plastic Body and Frost PC Cover

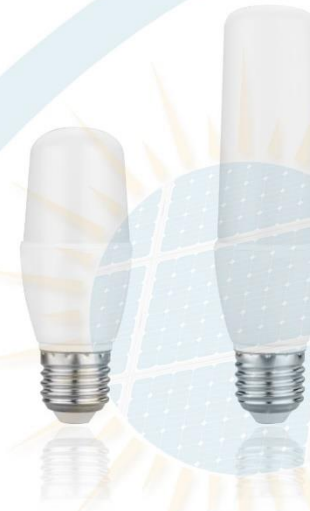
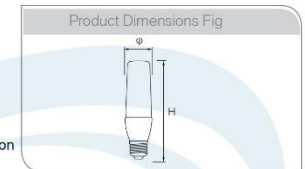


MODEL	H*Ø(mm)	Watt(W)	Voltage(V)	Color temp(K)	Beam Angle	LM	CRI	HR	Lamp Base
R63	105*Ø63	7	220-240	2700-6500	110°	560-650	≥ 80	> 25000	E27

EB40-8W/13W

Features:

- Voltage: 85-265V 50/60HZ
- Color Temperature: 2700-6500K
- Color Rendering Index ≥ 80
- With Heat-Conductive Plastic Body and matt PC Cover , for ensuring more lighting diffusion



Model	H*Ø(mm)	Watt(W)	Voltage(V)	Color temp(K)	Beam Angle	LM	CRI	HR	Lamp Base
EB40-8W	112*Ø40	8	220-240	2700-6500	280°	600-660	≥ 80	> 25000	E27
EB40-13W	158*Ø40	13	220-240	2700-6500	320°	940-1000	≥ 80	> 25000	E27

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EB120



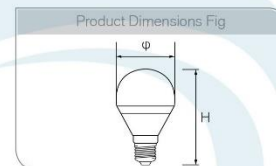
Model	H*Ø(mm)	Watt(W)	Voltage(V)	Color temp(K)	Beam Angle	LM	CRI	HR	Lamp Base
EB120-50W	220*Ø120	50	220-240	2700-6500	235°	4900-5100	≥80	> 25000	E27/E40

G45

Features:

- Voltage: 90-265V 50/60HZ
- Color Temperature: 2700-6500K
- Color Rendering Index ≥80
- With Heat-Conductive Plastic Body and Glass Cover

- Also available in DC12V input
- Suitable for many applications powered by DC input such as solar lighting products, camping, boating, and many other portable lightings with batteries.



Model	H*Ø(mm)	Watt(W)	Voltage(V)	Color temp(K)	Beam Angle	LM	CRI	HR	Lamp Base
G45	78*Ø45	4	220-240	6500	160°	290-320	≥80	> 25000	E27
G45	78*Ø45	4	DC12	6500	160°	290-320	≥80	> 25000	E27