




The new Era of
LED Lighting Technology






Rainbow
Bring Life to Your Lights



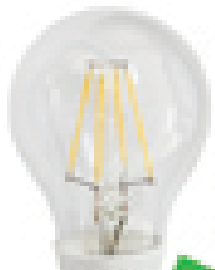
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LED Lighting Technology

LED is the latest technology in energy efficient lighting, using approximately 80% less energy than other lighting sources. LED lights also have a much longer lifespan than other types of lighting.



eco friendly



Why Use **LED**?

Benefits and Advantages Explained

LED stands for 'Light Emitting Diode', a semiconductor device that converts electricity into light. The benefits of LED Lighting are endless. LED Lights are energy efficient, cost effective, durable and more, therefore, they offer a great alternative choice for replacing your current halogen or standard lights. Below is a list of some of the many benefits of LED Lighting:

LED Lights are Greate Because:

- Use about 55% to 85% less energy than other lighting sources
- They save you money on your power bills as the need less energy
- Have a long lifespan – between 30,000-50,000 hours
- Reach full brightness instantly
- Contain no mercury or lead
- Emit no UV rays or infrared radiation
- Operate at a much cooler temperature, making them a safer option than halogens
- Environmentally friendly – cuts greenhouse gas emissions and reduces landfill



Rainbow

Bring Life to Your Lights

Why should I choose Rainbow LED lighting products?

There are more lighting choices available on store shelves than ever before. Even with all the new choices, it's still simple, look for the best results. Best results means: high quality and performance, particularly in the following areas

Item	LED lights	Energy Saving Lamp	Filament Lamp
Luminous theory	Semiconductor emitting	UV released from mercury vapor that activated by high pressure stimulate phosphor powder to emit	Tungsten, filament lighting after a high fever
Lamp efficiency	80-100LM/W	60-80LM/W	12-20LM/W
Power consumption	Little	General	Highest
Contrast (under the brightness)	70%	18%	60%
Lamp life	> 50,000 hours	1000 hours	1000 hours
Service years (8h/day)	> 10 years	1.5 years	1.5 years
Security reliable	Good, low heat, no glass, non-fragile	General, high heat, mercury and easily fragile	Low, extremely-high heat fragile
Environmental conservation	Non-pollution, recyclable	Hg/Pb pollution, hard recovery, pollute the environment	Hard recovery
Damage to human	No damage	UV radiation, Hg/Pb pollution with alcohol/heat	IR radiation, easy scald

LED lighting technology provided by Rainbow is going to be your best choice as its recommended to take a fast decision to change your current lighting sources taking in consideration the out coming benefits of using LED lights





LED Panel Lights

LED Panel Light is a new energy-saving and environment-friendly lights with LCD backlight technology. They can totally replace traditional lights with the advantages of good color consistency, more color temperature, high brightness, long life-span, energy-saving, and environment friendly. They are widely used in hotels, offices, houses, public places and so on

Energy-saving and Environment-friendly

High-efficient, energy-saving and environment-friendly, high brightness, without infrared ray and ultraviolet radiation, flicker-free, DC driver, ultra-low power, more 70% energy saving than the traditional lights

Long Life-span

With the development of LED technology and application widely, the drivers and heat-dissipation of LED panel lights are very good. Normally the life span can be 50,000 hours, that is 50 times as traditional halogen lights

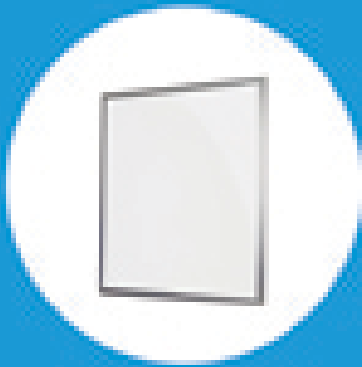
Flexible Application

Extremely thin and easy movement, convenient installation and space saving, can be different sizes and appearance, different colors and dimmable

Shine Way Lighting from the side edge, bright, clean, soft and non glare surface



Panel lights



600x600

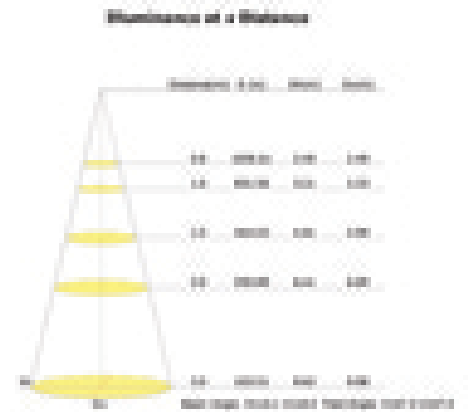
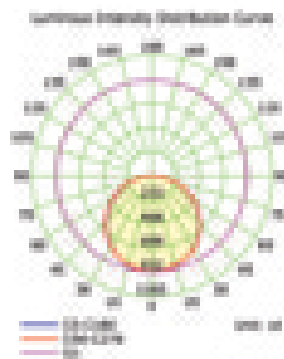


1200x300

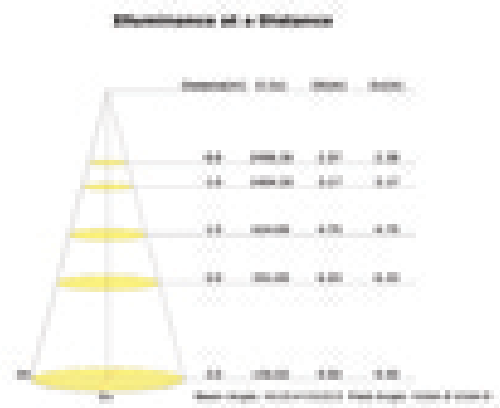
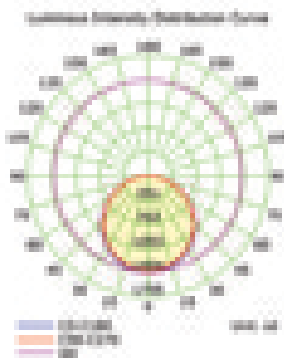


1200x600

Model	PL-S6060 - 40W
Dimension(mm)	595*595
Input Voltage(V)	AC100-240
Rated Power(W)	40
Luminous Flux(lm)	2900-3100
Color Temperature(k)	2700-6500
Rendering Index	Ra> 75
Average Life(h)	50,000
Installation	Build-in/Mounted/Suspending



Model	PL-S6060 - 54W
Dimension(mm)	595*595
Input Voltage(v)	AC100-240
Rated Power(w)	54
Luminous Flux(lm)	3900-4100
Color Temperature(k)	2700-6500
Rendering Index	Ra> 75
Average Life(h)	50,000
Installation	Build-in/Mounted/Suspending



Panel lights



600x600

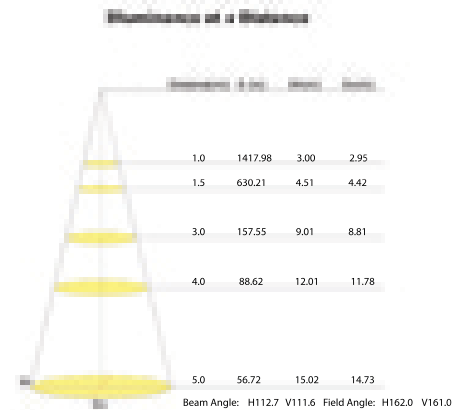
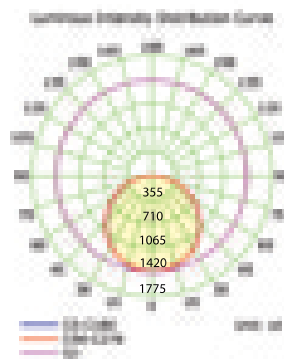


1200x300

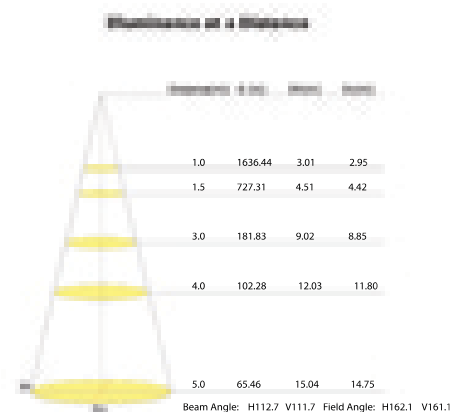
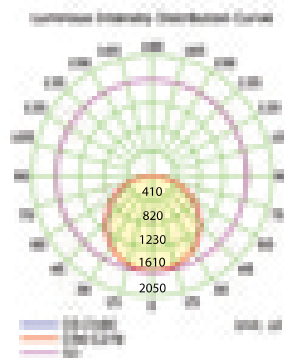


1200x600

Model	PL-S60120 - 54W
Dimension(mm)	600*1200
Input Voltage(v)	AC100-240
Rated Power(w)	54
Luminous Flux(lm)	3900-4100
Color Temperature(k)	2700-6500
Rendering Index	Ra> 75
Average Life	50,000
Installation	Build-in/Mounted/Suspending



Model	PL-S60120 - 65W
Dimension(mm)	600*1200
Input Voltage(v)	AC100-240
Rated Power(w)	65
Luminous Flux(lm)	4500-4700
Color Temperature(k)	2700-6500
Rendering Index	Ra> 75
Average Life	50,000
Installation	Build-in/Mounted/Suspending





DIMMABLE

Dimmable - LED Lights

LEADING, SPANNING, ENJOYING
LED Lighting are now Dimmable with Standard
Incandescent dimmers





LED DownLights

- Super longer life of use: LED applies to cold light source, illuminant modes, less power consumption and less heat radiation, less oxidization so as to extend use life of light.
- Power-save and environment protection: it has 80% power save than incandescent light, LED will make electrons illuminate under voltage, most of electricity energy convert into light energy, less heat radiation, less heat loss and high efficiency.
- Effecting Focusing light source, it can adjust for lead head for 240 beam angle, making light radiation more focused, highlighting one object or space, and highlighting decoration.
- Free from UV radiation.
- Surface has silk-drawn silver process, metallic textile, durable and good looking.
- Imported high-end PMMA diffusion board material has over 95% light transmittance rate, brightness but none dazzle.



LED Downlights



Rounded



Square



Glass Frame

Model	DL-R-380
Input voltage (v)	AC 100 - 240
Wattage (w)	3
Product size (mm)	Φ80
Hole Size (mm)	Φ70
Luminous (lm)	240 - 260
Rendering index	> 80
Color Temperature (k)	2700 - 6500
Body Material	Aluminum + Acrylic

Model	DL-R-4105
Input voltage (v)	AC 100 - 240
Wattage (w)	4
Product size (mm)	Φ105
Hole Size (mm)	Φ90
Luminous (lm)	320 - 350
Rendering index	> 80
Color Temperature (k)	2700 - 6500
Body Material	Aluminum + Acrylic

Model	DL-R-6120
Input voltage (v)	AC 100 - 240
Wattage (w)	6
Product size (mm)	Φ120
Hole Size (mm)	Φ100
Luminous (lm)	480 - 520
Rendering index	> 80
Color Temperature (k)	2700 - 6500
Body Material	Aluminum + Acrylic

Model	DL-R-12170
Input voltage (v)	AC 100 - 240
Wattage (w)	12
Product size (mm)	Φ170
Hole Size (mm)	Φ150
Luminous (lm)	960 - 1020
Rendering index	> 80
Color Temperature (k)	2700 - 6500
Body Material	Aluminum + Acrylic

Model	DL-R-15190
Input voltage (v)	AC 100 - 240
Wattage (w)	15
Product size (mm)	Φ190
Hole Size (mm)	Φ170
Luminous (lm)	1200 - 1280
Rendering index	> 80
Color Temperature (k)	2700 - 6500
Body Material	Aluminum + Acrylic

Model	DL-R-18225
Input voltage (v)	AC 100 - 240
Wattage (w)	18
Product size (mm)	Φ225
Hole Size (mm)	Φ200
Luminous (lm)	1440 - 1580
Rendering index	> 80
Color Temperature (k)	2700 - 6500
Body Material	Aluminum + Acrylic



LED Downlights



Rounded



Square



Glass Frame

Model	DL-S-380
Input voltage (v)	AC 100 - 240
Wattage (w)	3
Product size (mm)	80*80
Hole Size (mm)	70*70
Luminous (lm)	240 - 260
Rendering index	> 80
Color Temperature (k)	2700 - 6500
Body Material	Aluminum + Acrylic

Model	DL-S-4105
Input voltage (v)	AC 100 - 240
Wattage (w)	4
Product size (mm)	105*105
Hole Size (mm)	90*90
Luminous (lm)	320 - 350
Rendering index	> 80
Color Temperature (k)	2700 - 6500
Body Material	Aluminum + Acrylic

Model	DL-S-6120
Input voltage (v)	AC 100 - 240
Wattage (w)	6
Product size (mm)	120*120
Hole Size (mm)	100*100
Luminous (lm)	480 - 520
Rendering index	> 80
Color Temperature (k)	2700 - 6500
Body Material	Aluminum + Acrylic

Model	DL-S-12170
Input voltage (v)	AC 100 - 240
Wattage (w)	12
Product size (mm)	170*170
Hole Size (mm)	150*150
Luminous (lm)	960 - 1020
Rendering index	> 80
Color Temperature (k)	2700 - 6500
Body Material	Aluminum + Acrylic

Model	DL-S-15190
Input voltage (v)	AC 100 - 240
Wattage (w)	15
Product size (mm)	190*190
Hole Size (mm)	170*170
Luminous (lm)	1200 - 1280
Rendering index	> 80
Color Temperature (k)	2700 - 6500
Body Material	Aluminum + Acrylic

Model	DL-S-18225
Input voltage (v)	AC 100 - 240
Wattage (w)	18
Product size (mm)	225*225
Hole Size (mm)	200*200
Luminous (lm)	1440 - 1580
Rendering index	> 80
Color Temperature (k)	2700 - 6500
Body Material	Aluminum + Acrylic



LED Downlights



Rounded



Square



Glass Frame

Model	DL-GR-7130
Input voltage (v)	AC 100 - 240
Wattage (w)	7
Product size (mm)	Φ130
Hole Size (mm)	Φ90
Luminous (lm)	560 - 600
Rendering index	> 80
Color Temperature (k)	2700 - 4000 - 6500
Body Material	Aluminum + Glass

Model	DL-GS-7130
Input voltage (v)	AC 100 - 240
Wattage (w)	7
Product size (mm)	130*130
Hole Size (mm)	90*90
Luminous (lm)	560 - 600
Rendering index	> 80
Color Temperature (k)	2700 - 4000 - 6500
Body Material	Aluminum + Glass

Model	DL-GR-12160
Input voltage (v)	AC 100 - 240
Wattage (w)	12
Product size (mm)	Φ160
Hole Size (mm)	Φ120
Luminous (lm)	960 - 1020
Rendering index	> 80
Color Temperature (k)	2700 - 4000 - 6500
Body Material	Aluminum + Glass

Model	DL-GS-12160
Input voltage (v)	AC 100 - 240
Wattage (w)	12
Product size (mm)	160*160
Hole Size (mm)	120*120
Luminous (lm)	960 - 1020
Rendering index	> 80
Color Temperature (k)	2700 - 4000 - 6500
Body Material	Aluminum + Glass

Model	DL-GR-18180
Input voltage (v)	AC 100 - 240
Wattage (w)	18
Product size (mm)	Φ180
Hole Size (mm)	Φ140
Luminous (lm)	1440 - 1520
Rendering index	> 80
Color Temperature (k)	2700 - 4000 - 6500
Body Material	Aluminum + Glass

Model	DL-GS-18180
Input voltage (v)	AC 100 - 240
Wattage (w)	18
Product size (mm)	180*180
Hole Size (mm)	140*140
Luminous (lm)	1440 - 1520
Rendering index	> 80
Color Temperature (k)	2700 - 4000 - 6500
Body Material	Aluminum + Glass





LED Tube Lights

LED tube will be used to replace traditional fluorescent lamp, it has a great advantages

- High brightness, high efficient, low light decline, high stability
- Diffusion cover, high transparence and good uniformity
- Fast startup, no flicker, no noise
- Less heat value, no heat radiation
- Soft lighting, no stroboflash, no hydrargyrum
- Resistance to impact and high temperature, moisture-proof, leak-proof
- More than 60% energy saving than the traditional lighting



LED Tube



T5



T8

Model	TL-T5-10
Wattage (w)	10
Product size (mm)	600
Luminous (lm)	950 - 1100
Rendering index	> 80
Color Temperature (k)	3000 / 4000 / 6000
Body material	Aluminum + PVC

Model	TL-T8-10
Wattage (w)	10
Product size (mm)	600
Luminous (lm)	950 - 1100
Rendering index	> 80
Color Temperature (k)	3000 / 4000 / 6000
Body material	Aluminum + PVC

Model	TL-T5-20
Wattage (w)	20
Product size (mm)	1200
Luminous (lm)	1800 - 2100
Rendering index	> 80
Color Temperature (k)	3000 / 4000 / 6000
Body material	Aluminum + PVC

Model	TL-T8-20
Wattage (w)	20
Product size (mm)	1200
Luminous (lm)	1800 - 2100
Rendering index	> 80
Color Temperature (k)	3000 / 4000 / 6000
Body material	Aluminum + PVC





LED Bulb Lights

- Excellent energy save. It applies to super bright high-power LED light source, with high efficient power supply, it save 85% power consumption than electric incandescent lamp, its brightness is ten times than electric incandescent lamp.
- Easy transportation and good vibration resistance.
- Wider illuminant area, even illumination. Light distribution makes LED spot light source extent into area light source and increate in illuminant area and get rid of dazzling light, sublime visual effect and get rid of visual fatigue.

Environment friendly. Not including pollutants such as lead or mercury.

- It runs at low-heat voltage, safe and reliable. Surface temperature is less than 40°C and reduces danger for physical scalding.



Bulbs Lights



Filament



Bulbs

Model	BL-F-2W
Wattage (w)	2W
Luminous (lm)	180
Rendering index	> 80
Color Temperature (k)	2700 - 6500
Beam Angle	360
Base Type	E27 / E14 / B22

Model	BL-B-4W
Wattage (w)	4W
Luminous (lm)	360
Rendering index	> 80
Color Temperature (k)	2700 - 6500
Beam Angle	360
Base Type	E27 / E14 / B22

Model	BL-F-4W
Wattage (w)	4W
Luminous (lm)	360
Rendering index	> 80
Color Temperature (k)	2700 - 6500
Beam Angle	360
Base Type	E27 / E14 / B22

Model	BL-B-6W
Wattage (w)	6W
Luminous (lm)	540
Rendering index	> 80
Color Temperature (k)	2700 - 6500
Beam Angle	360
Base Type	E27 / E14 / B22





LED Flood Lights

- Imported new acrylic material and high luminance LED lighting, light is softer.
- Fashion design: the overall style and brevity, leisure city, modern fast-paced life.
- Variety of colors design and unique style, beauty and elegance.
- Mosquito- proof performance: dual dust ring designs, can more effectively prevent dust and the mosquitoes into the lamp and lamp lighting effects.
- Alternative to traditional ceiling light.
- Widely used corridor, hallway, hallway, living room bedroom, kitchen, balcony and other public occasions.



Flood lights



30w
50w
70w
100w

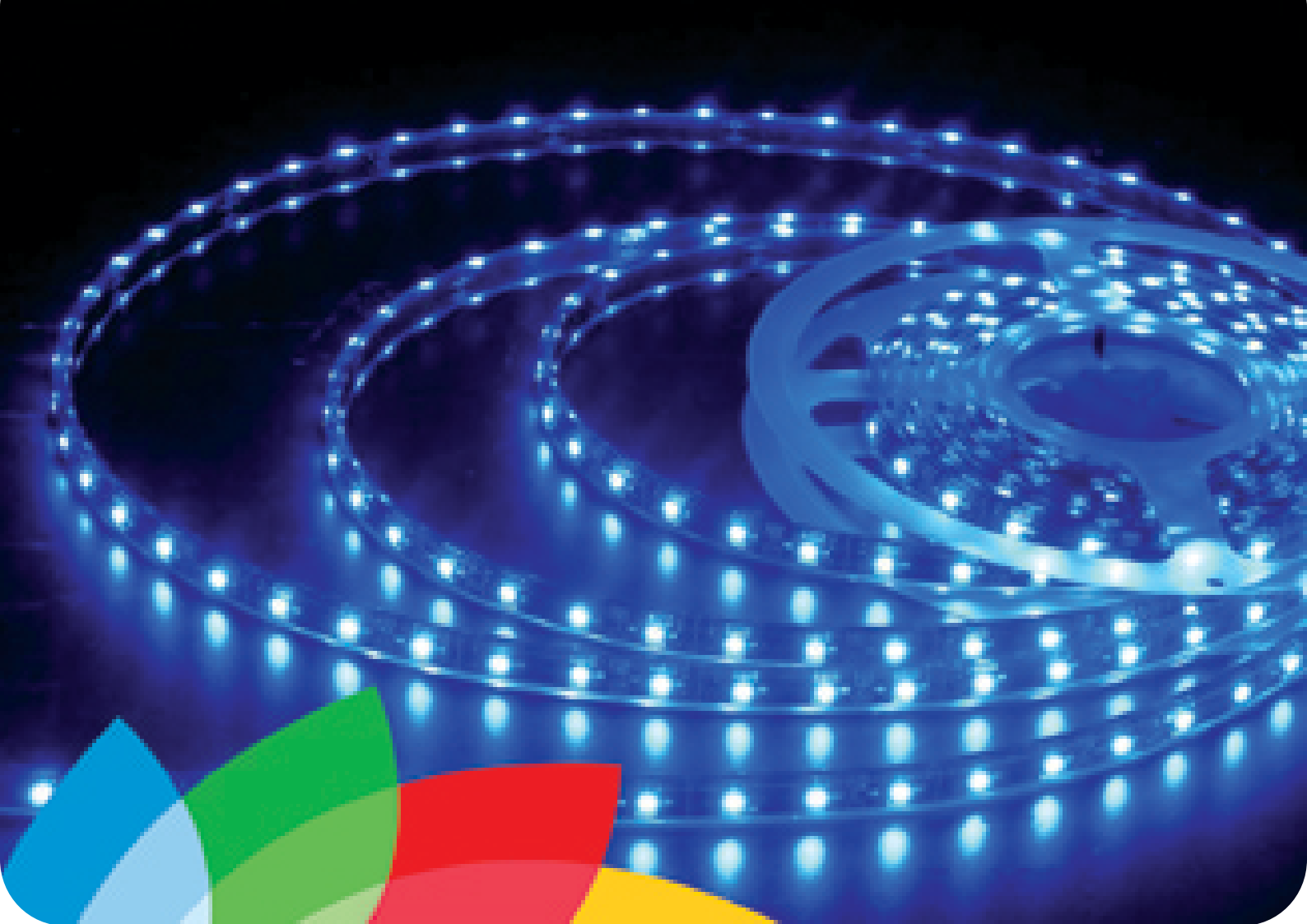
Model	FL-30W
Wattage (w)	30
Product size (mm)	L225*W185*H155
Luminous (lm/w)	90 - 100
Rendering index	> 80
Color Temperature (k)	2700 - 6500
Body material	Aluminum
Beam Angle	120

Model	FL-50W
Wattage (w)	50
Product size (mm)	L287*W236*H160
Luminous (lm/w)	90 - 100
Rendering index	> 80
Color Temperature (k)	2700 - 6500
Body material	Aluminum
Beam Angle	120

Model	FL-70W
Wattage (w)	70
Product size (mm)	L356*W285*H185
Luminous (lm/w)	90 - 100
Rendering index	> 80
Color Temperature (k)	2700 - 6500
Body material	Aluminum
Beam Angle	120

Model	FL-100W
Wattage (w)	100
Product size (mm)	L360*W290*H185
Luminous (lm/w)	90 - 100
Rendering index	> 80
Color Temperature (k)	2700 - 6500
Body material	Aluminum
Beam Angle	120





LED Strip Lights

- With super high brightness SMD, energy saving and environmental protection, the lamp body is soft and can be bent freely, for any fixed in the concave surfaces, 3 LED loops, can be carried out according to the actual situation of cutting.
- DC 12V low-Voltage power supply, more security and stability.
- Simple installation: the use of fixed clip or 3M adhesive tape fixed Light, long service life.
- Scope of application.
- Widely used in a variety of indoor, outdoor decoration, park district landscaping, shopping malls showcase, fish pond, swimming pool .. etc.





LED Street Lights

Chief among the advantages of LEDs is that they have extremely long lives - they don't have filaments that can quickly burn out - and they don't contain toxic chemicals like mercury, unlike traditional high-pressure sodium lamps or mercury-vapor lamps. An LED light can last 100,000 hours. These lights also have reduced maintenance costs because of their long lives, and they give off less heat than other bulbs.

Because they last so long, LEDs are suitable for places where replacing light bulbs is expensive, inconvenient or otherwise difficult.





Let your lights make your world shine

Rainbow LED Lights



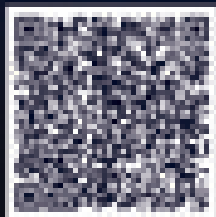


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Damascus, Syria
Tel: 011 2264211
Mob: 0955 238000
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