Electro LED

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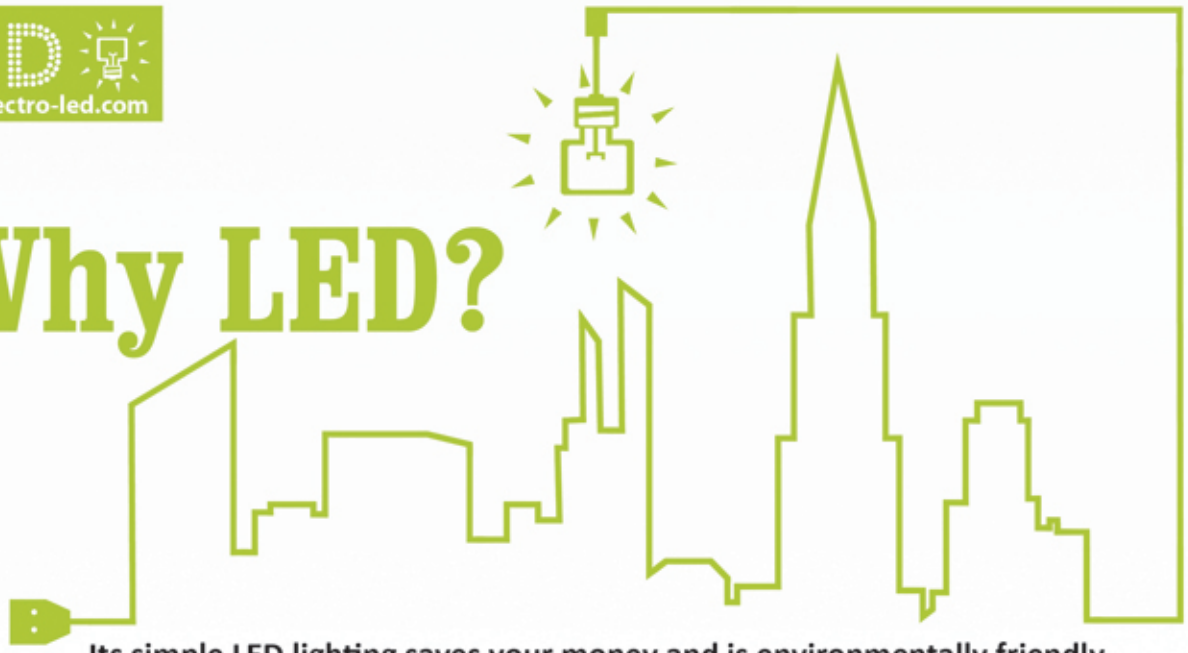
Electro LED

FOR LED LIGHTING PRODUCTION
www.electro-led.net

LED
www.electro-led.com

Why LED?



Its simple LED lighting saves your money and is environmentally friendly
ElectroLED recognizes the need to do what we can to preserve the environment.
We offer great products at great prices which consume less energy and last longer than conventional methods of lighting.
Your construction project will have class, quality and be eco-friendly.
We guarantee all our products with a minimum 2 years warranty.

Who Are We?

ElectroLED is a renowned supplier of indoors and outdoor lighting specializing in architectural and LED solutions.

LED Advantages:

Power Saving

saves up to 85% of power consumption comparing with the traditional lighting. This makes its usage very useful with solar panels.

long lifespan

Led have a lifespan of up to 50000 hours compared to 1500 hours for incandescent bulbs.

Lower Heat Output

Maximum released temperature from LED ARE 45 c rather than 300-400 c that arereleased from conventional light solutions.

Economical

Led lighting energy costs around 10% of traditional incandescent bulb and around 50%of CFL bulb.

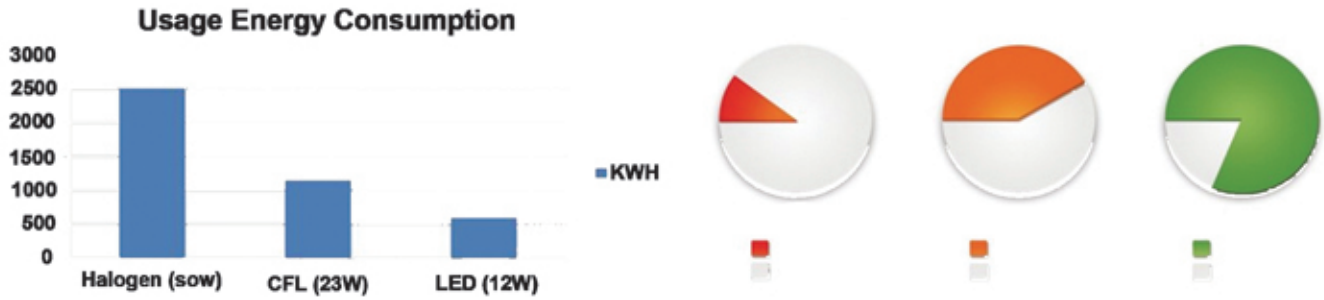
Durability

Since LEDS don't have a filament, they are not damaged under different circumstances. LEDs don't use fragile components such as glass and filaments, that's why they are able to withstand shock, vibration and extreme temperature.

Environmental friendly

LED bulb doesn't contain mercury, it produces very low heat and resides much longer than Other bulb Led bulbs are the most environmental friendly source of light other than natural sun light.

Item	Compared	LED Lighting	CFLs	Incandescent Light
1	PIC			
2	Life Span (average)	50,000 hours	8,000 hours	1,200 hours
3	Lighting Efficiency	70%	40%	10%
4	Watts of electricity used (equivalent to 60 watt bulb)	6 - 8 watts	13-15 watts	60 watts
5	Environmental Impact TOXIC Mercury	NO	Yes	NO
6	Turns on instantly	Yes	No - takes time to warm up	Yes
7	Durability	Very Durable LEDs can handle jarring and bumping	Not Very Durable glass can break easily	Not Very Durable - glass or filament can break easily
8	Light Output (Lumens) 450 800 1100 1600 2600	(watts) 4-5 6-8 9-13 16-20 25-28	(watts) 9-13 13-15 18-25 23-30 30-55	(watts) 40 60 75 100 150
9	Sensitivity to temperature	no	yes	some
10	Sensitivity to humidity	no	yes	some
11	Heat Generation	20%	60%	90%
12	Color Temperature	changeable±300 (3000 ,4000, 6000)k	3500	2850
13	dimming Aviliablity	Yes (0- 100)%	Some	Some



LED
www.electro-led.com

Electro LED

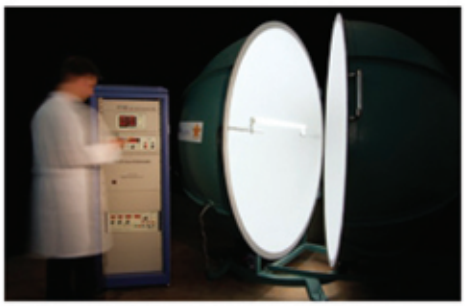
all the ways to reach quality

2 year warranty

The complete satisfaction of the buyer is our highest priority; quality is our way of life. Having full confidence in the quality of Intevision Technology products, we provide a 2-year guarantee and offer the possibility of a **2-year warranty** for all our products.

With our commitment to sustainable development, which we call focusing green, we produce products and create environmentally friendly lighting solutions that save energy and provide efficient lighting comfort.

We consciously invest in the development of processes, individual's knowledge,technical equipment and software tools.Through systematic and constant improvements,we build and spread our culture of quality.

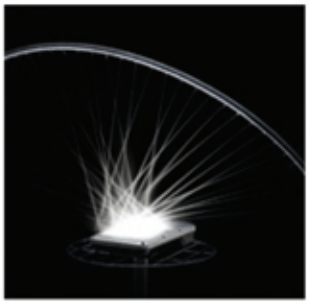


Spectral and colorimetric test

In the Ulbricht sphere with a diameter of 2 m, we measure various types of light sources with an emphasis on LEDs. We dedicate special attention to the colour spectrum of the light source, which directly affects the well-being and comfort of the user of the luminaire which is of key importance when planning advanced lighting systems.

Production processes

Intevision Technology products are carefully planned, manufactured and tested. The high standards and reliable quality of our products have been certified by numerous institutions.



IP testing

In the IP laboratory, we measure and improve the level of resistance of lamps to the intrusion of dust particles, water and humidity. Intevision Technology internal testing standards exceed the provisions of the IEC 60529 standard, which ensures the reliable operation of our products under even the most demanding operational conditions.

CREE
EPISTAR
SHARP
NICHIA
BRIDGELUX
The Magic of Light™
SAMSUNG

www.electro-led.com

Suitable for all application with durable and strong performance.
in ElectroLed we consider so much for elegant appearance and the easy of installation.

For office building

Home & Residential building

Malls & public Areas

Outdoor and landscape

Shops & Retails

Bathrooms

COB Down Light

www.electro-led.com

MQT-LED0515-K1

MQT-LED0410-K1

Heat sink: die cast

Refelctor: aluminum anodized

Outer ring: die cast, with glass

Suitable LED sources:

Philips Fortimo LED DLM

Philips Fortimo LED Twistable DLM

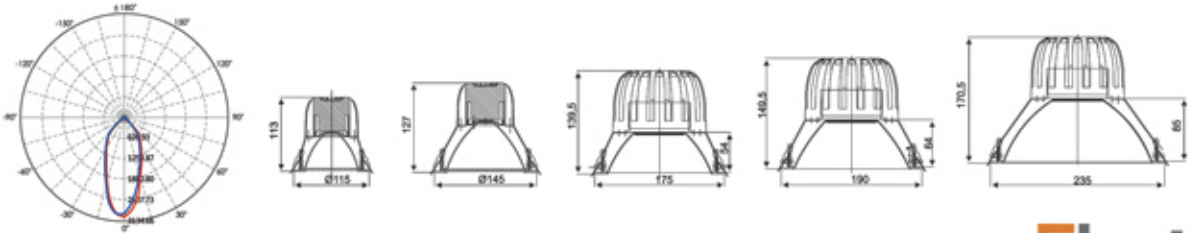
Product Characteristics:

1. High Color Rendering Index: 80Ra
2. Anti-Glare COB LED, Good for eyes
3. High Efficiency - 90 Lumen per Watt
4. Low energy consumption: Up to 85% savings comparing with metal halide light
5. Integrated high efficiency driver
6. 100% luminosity immediately after powering up
7. Mercury free and zero UV or IR radiation
8. Enhanced passive cooling system allows for reduced junction temperature
, Replace conventional compact clf bulb and metal halide light

Model	Watt	diameter Φ (mm)	cut-out Φ (mm)	CCT (K)	CRI	Efficiency (lm/w)
MQT-LED0625-K1	25W	190	175	3000,4000,6000	>80	80~90
MQT-LED0630-K1	30W	190	175	3000,4000,6000	>80	80~90
MQT-LED0836-K1	36W	235	220	3000,4000,6000	>80	80~90

other power is available on request.

Photometry And Drawing



COB Down Light

MQT-LED0615-I

Heat sink: die cast

Refelctor: aluminum anodized

Outer ring: die cast, with glass

LED sources: COB with Epistar chips

Replace conventional compact clf bulb and metal halide light

Product Characteristics:

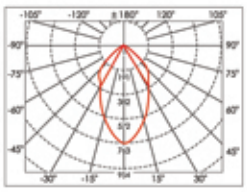
1. High Color Rendering Index: 75Ra
2. Anti-Glare COB LED, Good for eyes
3. High Efficiency - 90 Lumen per Watt
4. Low energy consumption: Up to 85% savings comparing with metal halide light
5. Integrated high efficiency driver
6. 100% luminosity immediately after powering up
7. Mercury free and zero UV or IR radiation
8. Enhanced passive cooling system allows for reduced junction temperature

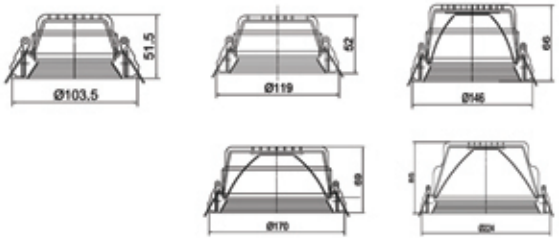
Model	Power	Input voltage	Beam angel	luminous	CRI
Ql-101-6b	20 watt	110 : 240 v	120	1800 lm	75
Ql-101-8b	30 watt	110 : 240 v	120	2750 lm	75

Application

can be extensively applied to general lighting, such as mall,store, hotel, residential , bank, exhibition gallery.

Photometry And Drawing





Spot light

0340 Series

www.electro-led.com

Cost and time saving rapid
tool-free installation into the ceiling
Highly efficient and glarefree.
substitute for a common 1/2X26W CFL,
1/2X18W CFL,1/2X13W CFL
downlight with passive cooling
technology (lifetime: 50,000 hours
at 70% luminous flux remaining)
and consistent colour (Ra ≥80)
CREE COB chip with TUV/SAA led driver
Dimming options are available

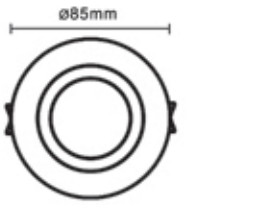
Materials/Finish
Body: Aluminium
Reflectors: vacuum coating aluminum
specular Reflector With PC material
Anti Harm cover: aluminium bezel with
a sealed 3mm clear toughened glass diffuser

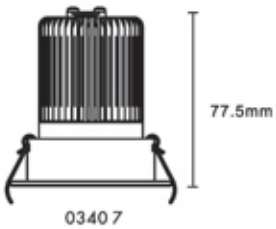
Installation/Mounting
Tool-free mounting through cut-out.
Suitable for ceiling thicknesses 1-35mm.

Specification
A stylish, Recessed LED downlight,
luminaire body inaluminium with one-pieces
vacuum coating aluminum pecular
PC reflector,not dazzling&soft light.
Rapid tool-free mounting,
Suitable for ceiling thicknesses 1-35mm.
CREE COB led chips with TUV/SAA driver
Stable luminous efficacy and CCT thanks to
high efficiency of radiator
choice of 3 light colours: 3000K,4200K,6500K

Product Datasheet

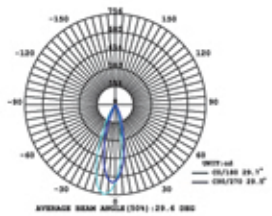
Item No	0340-7
LED Power	5W
Total Power	5W
Input Voltage	AC 110-240V
Efficiency	100-110LM/W
Luminous Flux Output	600lm-680lm
CCT	3000K-6500K
Operating Temperature	-10~50°C
Storage Temperature	25°C
Product Size	Ø85*77.5mm
Cut-out	Ø72
Material	Aluminum Alloy
Color	Black / While
Beam Angle	28°
CRI	80
IP Rate	IP23

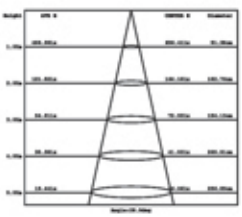




0340 7

0340 7 PHOTOMETRIC TEST REPORT





Spot light

LED
www.electro-led.com

Features:

COB light source, with high color rendering index and light efficiency, better Light effect, no galore, protect eyes.

- The overall shape design, exquisite appearance, elegant and generous.
- Durable and unique design of heat dissipation to improve lifespan.
- The light source adopts high efficiency, energy saving, long-life high-power LED which can save 70% electricity or more.
- The lamp body is made of aluminum alloy die-casting which can reduce LED junction temperature to ensure that the life extend to more than 40,000 hours.
- Easy installation and maintenance.
- The out-looking is simple and elegant. It can be adjusted according to the needs of the irradiated surfaces and irradiation angles.

W320LCL

Model	Power (W)	Voltage	Lumen	Size(mm)	Cut out
W320LCL	7W	220-240V	560lm	φ90x79mm	φ82mm

W31ELDS

Model	Power (W)	Voltage	Lumen	Size(mm)	Cut out
W31ELDS	3x1.2w	220-240V	240lm	φ100x61mm	φ74mm
W320LCL	4x1.2w	220-240V	320lm	φ110x61mm	φ84mm
W320LCL	7x1.2w	220-240V	560lm	φ120x61mm	φ93mm
W320LCL	9x1.2w	220-240V	720lm	φ146x61mm	φ116mm

L6430

Model	Power (W)	Voltage	Lumen	Size(mm)	Cut out
L6430-8	1X8 8W	220-240V	680lm	φ100X100X68mm	90X90mm
L6430-16	2X8 16W	220-240V	1360lm	φ185X100X68mm	175X90mm
L6430-24	3X8 24W	220-240V	2040lm	φ270X100X68mm	260X90mm
L6430-32	4X8 32W	220-240V	2720lm	φ183X183X68mm	170X170mm

Spot light

www.electro-led.com

Features:

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- Easy installation and maintenance.
- The out-looking is simple and elegant. It can be adjusted according to the needs of the irradiated surfaces and irradiation angles.

L1430

Model	Power (W)	Voltage	Lumen	Size(mm)	Cut out
L1430-3	3w	220-240V	270lm	90x90x57mm	φ80mm
L1430-5	5w	220-240V	450lm	90x90x57mm	φ80mm

L0930

Model	Power (W)	Voltage	Lumen	Size(mm)	Cut out
L0930-3	3w	220-240V	270lm	φ87x45mm	φ80mm
L0930-5	5w	220-240V	450lm	φ87x45mm	φ80mm

L1530

Model	Power (W)	Voltage	Lumen	Size(mm)	Cut out
L1530S-3	3w	220-240V	270lm	φ90x57mm	φ80mm
L1530S-5	5w	220-240V	450lm	φ90x57mm	φ80mm
L1530R-3	3w	220-240V	270lm	φ90x57mm	φ80mm
L1530R-5	5w	220-240V	450lm	φ90x57mm	φ80mm

L1630

Model	Power (W)	Voltage	Lumen	Size(mm)	Cut out
L1630R-3	3w	220-240V	270lm	φ90x57mm	φ80mm
L1630R-5	5w	220-240V	450lm	φ90x57mm	φ80mm
L1630S-3	3w	220-240V	270lm	φ90x57mm	φ80mm
L1630S-5	5w	220-240V	450lm	φ90x57mm	φ80mm

Spot light

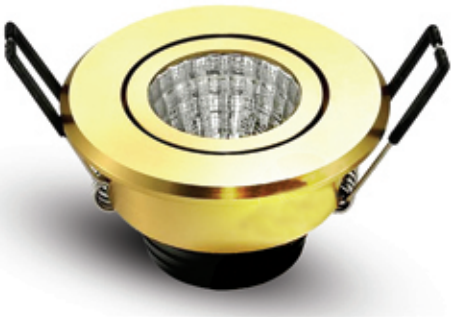
LED
www.electro-led.com

Features:

1. Exquisite craft and appearance, simple structure and easy installation, safe and solid lighting fixture;
2. Precise optical design with unique process makes light more uniform and its efficiency reach 85%;
3. Particular structure heat sink which made of grade 6063 aluminum, Taiwan Original Epistar COB lighting source , enable average lifespan of the lamp reach 30000 hours;
4. Superior Aluminum housing with oxidized or painting finished;
5. Lighting fixture is available to swivel in 30 degrees;
6. Healthy and eco-friendly lighting, No IR or UR hazardous.

Produce Process:

Model	power	Input voltage	Product size	Cut out	Lumen
QL-1650B	COB5W	120 – 240 volt	W85*H50mm	ϕ75mm	390 lm

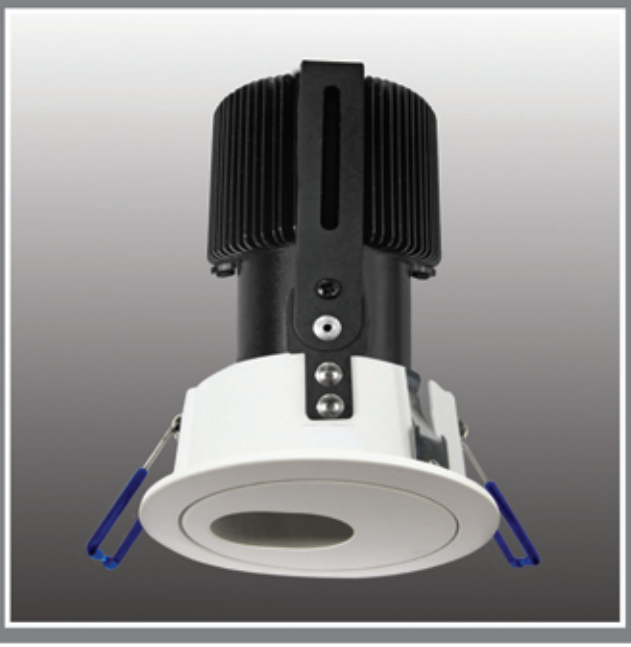


Model	power	Input voltage	Product size	Cut out	Lumen
QL-1150B	COB3W	120 – 240 volt	W71*H55mm	Φ60mm	270 lm

Model	power	Input voltage	Product size	Cut out	Lumen
QL-F002B	COB5W	120 – 240 volt	L80*W80*H35mm	72*72mm	390 lm
QL-F002B-2	COB5W*2	120 – 240 volt	L160*W85*H35mm	145*72mm	780 lm
QL-F002B-3	COB5W*3	120 – 240 volt	L240*W80*H35mm	225*72mm	1170 lm

Spot down light

LED
www.electro-led.com



Features
10W / 15W LED recessed downlight
Comfort glare-free light
Color Rendering Index : >85
Dimmable as option
Adjustable as option

Materials / Finish
Body : aluminium with black finish

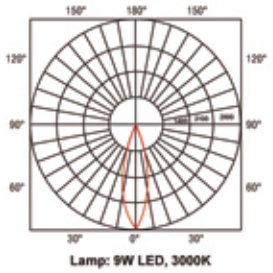
Installation / Mounting
Quick recessed installation with two spring clips
Suitable for ceiling thickness between 3 and 15mm
Remote gear unit allows flexible and easy installation
Cut out diameter, Ø80mm

Standards
Designed and manufactured to comply with international standard IEC60598
Class II Electrical
IP20 / IP44

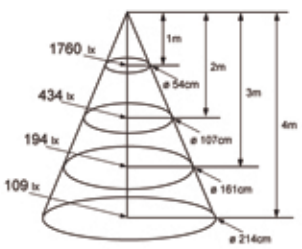
Slot hole
QL-606A-10W
QL-606A-15W

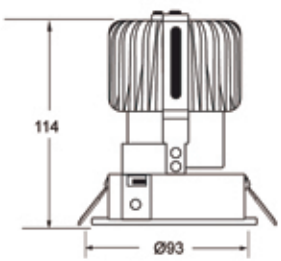
Pin hole
10W
15W

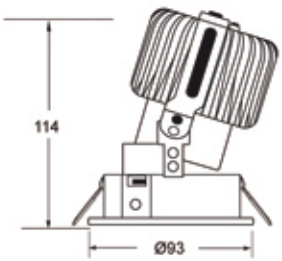
Pin hole w/glass
10W
15W



Lamp: 9W LED, 3000K







Model	power	Input voltage	Product size	Cut out	Lumen	CRI
QL-606A-10	10 W	120 – 240 volt	114*93 mm	90 mm	880 lm	>85
QL-606A-15	15 W	120 – 240 volt	114*93 mm	90 mm	1220 lm	>85

Spot down light

0447 Series

www.electro-led.com

Pivots out up to 60°, rotates 0-355°, position lockable
Choice of flood (36°) or spot (15°) reflector, supplied complete with protective glass
CREE COB chip with TUV/SAA led driver
Dimming options are available
Replace for traditional gimbal recessed downlight

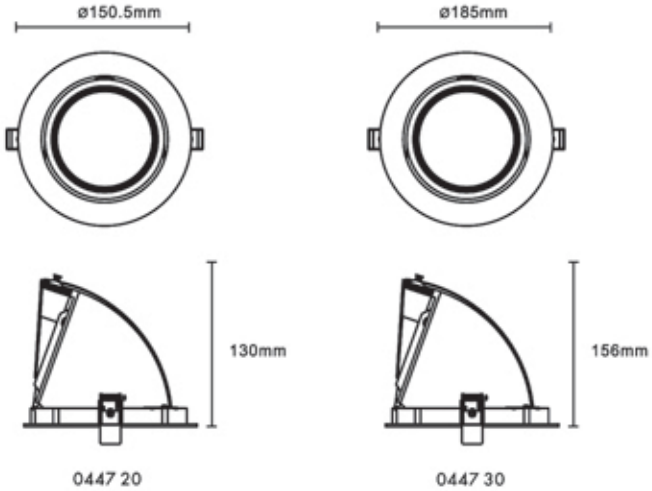
Materials/Finish
Body: die-cast aluminium, painted white.
Reflector: high grade anodised aluminium.
Clips: stainless steel spring clip.
Bezel: die-cast aluminium, painted white

Installation/Mounting
Tool-free installation
Retained in ceiling(1-35mm thickness) by stainless spring clips.
Can be installed through the cut-out.
All common connectors available to order.

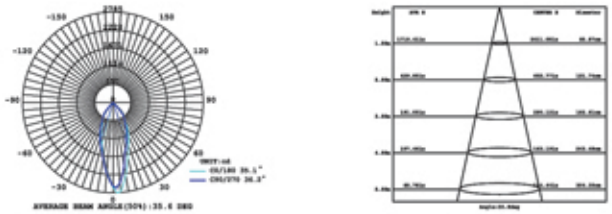
Specification
Pivoting recessed LED downlight instead of 50-100W metal halide lamps downlight.
Luminaire body in die-cast aluminium with one-piece specular anodised high purity aluminium reflector. Rapid tool-free mounting.
Suitable for ceiling thicknesses 1-35mm.
CREE COB led chips with TUV/SAA driver
Stable luminous efficacy and CCT thanks to high efficiency of radiator
choice of 3 light colours: 3000K,4200K,6500K

Product Datasheet

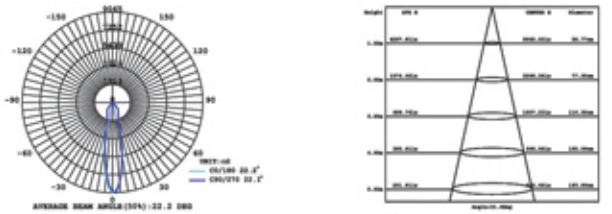
Item No	0447-20	0447-30
LED Power	20W	30W
Total Power	21W	31W
Input Voltage	AC 110-240V	AC 110-240V
Efficiency	100-110LM/W	100-110LM/W
Luminous Flux Output	1850m-1950lm	2850m-2950lm
CCT	3000K-6500K	3000K-6500K
Operating Temperature	-10~50°C	-10~50°C
Storage Temperature	25°C	25°C
Product Size	Ø150.5*130mm	Ø185*156mm
Cut-out	Ø140	Ø173
Material	Aluminum Alloy	Aluminum Alloy
Color	White	White
Beam Angle	24°	24°
CRI	80	80
IP Rate	IP23	IP23



0447 20 PHOTOMETRIC TEST REPORT



0447 30 PHOTOMETRIC TEST REPORT



Electro LED
FOR LED LIGHTING PRODUCTION

Spot down light

0477 Series

www.electro-led.com

Pivots out up to 60°, rotates 0-355°, position lockable
Choice of flood (36°) or spot (15°) reflector, supplied complete with protective glass
CREE COB chip with TUV/SAA led driver
Dimming options are available
Replace for traditional gimbal recessed downlight

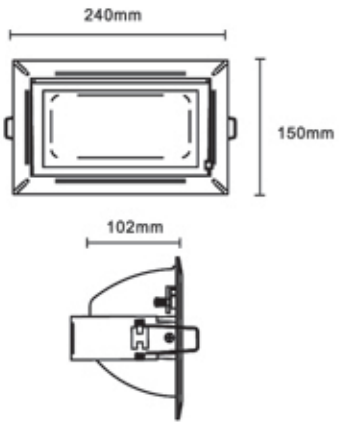
Materials/Finish
Body: die-cast aluminium, painted white.
Reflector: high grade anodised aluminium.
Clips: stainless steel spring clip.
Bezel: die-cast aluminium, painted white

Installation/Mounting
Tool-free installation
Retained in ceiling(1-35mm thickness) by stainless spring clips.
Can be installed through the cut-out.
All common connectors available to order.

Specification
Pivoting recessed LED downlight instead of 50-100W metal halide lamps downlight.
Luminaire body in die-cast aluminium with one-piece specular anodised high purity aluminium reflector. Rapid tool-free mounting.
Suitable for ceiling thicknesses 1-35mm.
CREE COB led chips with TUV/SAA driver
Stable luminous efficacy and CCT thanks to high efficiency of radiator
choice of 3 light colours: 3000K,4200K,6500K

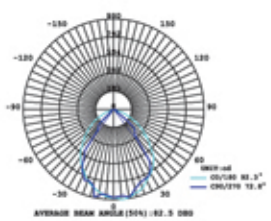
Product Datasheet

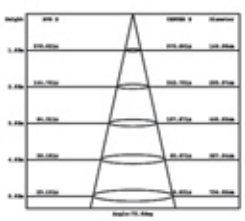
Item No	0470-36
LED Power	36W
Total Power	38W
Input Voltage	AC 110-240V
Efficiency	100-110LM/W
Luminous Flux Output	3450lm-3550lm
CCT	3000K-6500K
Operating Temperature	-10~50°C
Storage Temperature	25°C
Product Size	240*150*102mm
Cut-out	228*132mm
Material	Aluminum Alloy
Color	White
Beam Angle	38°
CRI	80
IP Rate	IP23



0470 36

0470 36 PHOTOMETRIC TEST REPORT





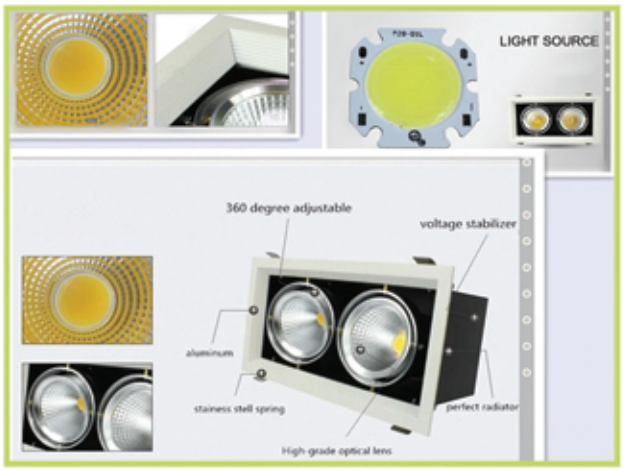
Grilled Down Lights

LED grilled lights are newly designed LED lights, and mainly Used for commercial lighting and product display.
Adjustable design, high quality LED light source, spectral pure, rich colors,

1- high-quality aluminum housing, and better heat dissipation, live longer
2- LED cold light source, no radiation, no heavy metal pollution, performance, color pure, rich, high bright, low flicker, saving much health
3- high-grade optical lenses, optical loss, good illumination
4- high-power transformers make the perfect combination of the lighting, electrical appliances and light
5- Energy and durable (consuming only ordinary incandescent lamp 1 / 10, life is extended more than 100 times.)Ordinary 70W metal halide lamp we put it down to 10W from 70W

Model	watt	Lumen	CRI	Cut out
QL-203-2-40W	2 * 20	3200	< 80 %	165*355mm
QL-203-3-60W	3 * 20	4800	< 80 %	165* 515 mm
QL-203-4-80W	4 * 20	6400	< 80 %	355*355 mm

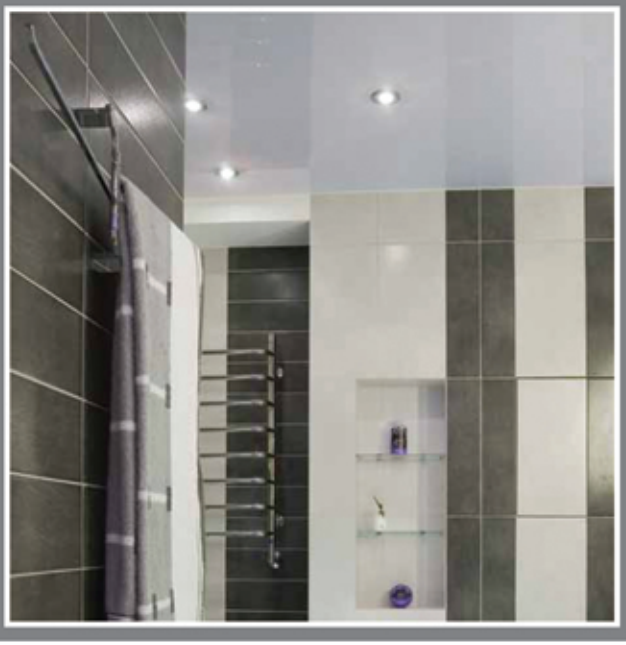
LED grilled down light Applications:
1.Retailing store, jewelry and clothing display;
2. Museum or art gallery, exhibition hall and other partial lighting;
3. Commercial complex, supermarket, hotel, restaurant



Panel down light

A0118 Series

www.electro-led.com



Cost and time saving rapid
tool-free installation into the ceiling
Highly efficient and glare free.
Soft light(lifetime: 50,000 hours
at 70% luminous flux remaining)
and consistent colour (Ra >75)
Epistar SMD2835 chip with
TUV/SAA led driver
Dimming options are available

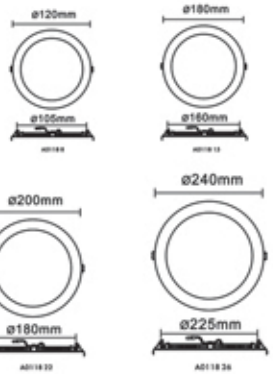
Materials/Finish
Body: Aluminium with white painted
LGP: Acrylic
Diffuser: PC

Installation/Mounting
Tool-free mounting
Fix the lighting fixture into
the ceiling through cut-out.
Suitable for ceiling
thicknesses 1-35mm.

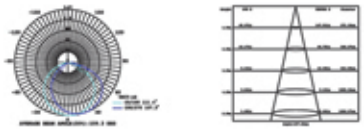
Specification
Classic design recessed LED panel light,
luminaire body in aluminium with one pieces
Acrylic light guide plate(LGP) and
one piece PC diffuser. not dazzling&soft light.
Rapid tool-free mounting.Suitable for
ceiling thicknesses 1-35mm.
Epistar SMD2835 led chips with TUV/SAA driver
Choice of 3 light colours: 3000K,4200K,6500K

Product Datasheet

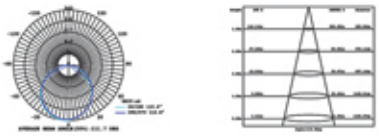
Item No	A0118 8	A0118 15	A0118 22	A0118 26
LED Power	8W	15W	22W	26W
Total Power	8.5W	16W	23W	27W
Input Voltage	AC110-240V	AC110-240V	AC110-240V	AC110-240V
Efficiency	120-130LM/W	120-130LM/W	120-130LM/W	120-130LM/W
Luminous Flux Output	680lm-720lm	1275lm--1350lm	1875lm-1980lm	2210lm-2345lm
CCT	3000K-6500K	3000K-6500K	3000K-6500K	3000K-6500K
Operating Temperature	-10~50°C	-10~50°C	-10~50°C	-10~50°C
Storage Temperature	25°C	25°C	25°C	25°C
Product Size	Φ120mm	Φ180mm	Φ200mm	Φ240mm
Cut-out	Φ105mm	Φ160mm	Φ180mm	Φ225mm
Material	Aluminum Alloy	Aluminum	Aluminum	Aluminum
Color	White	White	White	White
Beam Angle	120°	120°	120°	120°
CRI	≥75	≥75	≥75	≥75
IP Rate	IP20	IP20	IP20	IP20



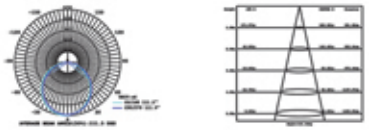
A0118 8 PHOTOMETRIC TEST REPORT



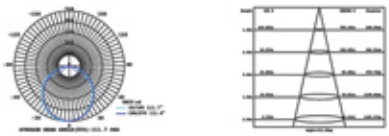
A0118 15 PHOTOMETRIC TEST REPORT



A0118 22 PHOTOMETRIC TEST REPORT



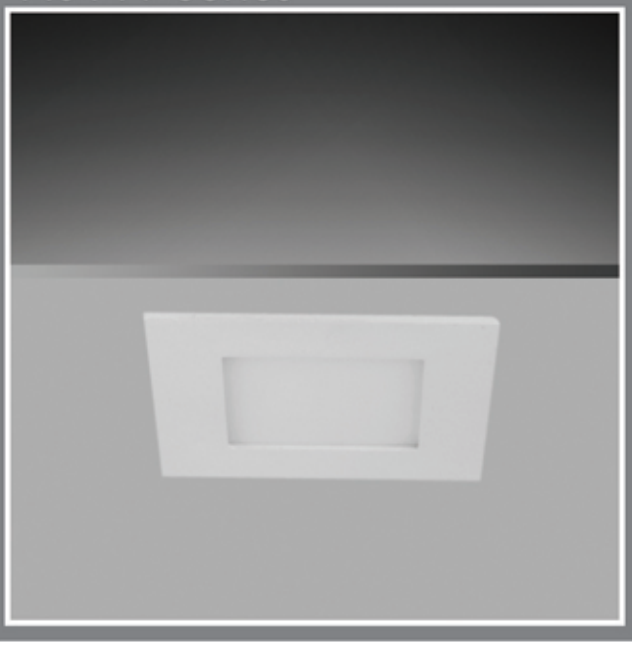
A0118 26 PHOTOMETRIC TEST REPORT



Panel down light

A0119 Series

www.electro-led.com

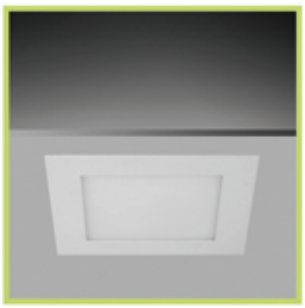


Cost and time saving rapid
tool-free installation into the ceiling
Highly efficient and glare free.
Soft light(lifetime: 50,000 hours
at 70% luminous flux remaining)
and consistent colour (Ra >75)
Epistar SMD2835 chip with
TUV/SAA led driver
Dimming options are available

Materials/Finish
Body: Aluminium with white painted
LGP: Acrylic
Diffuser: PC

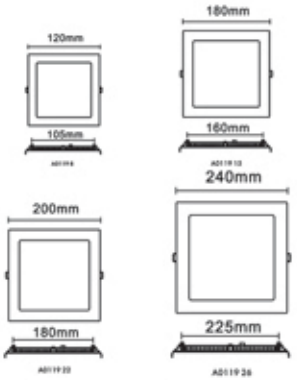
Installation/Mounting
Tool-free mounting
Fix the lighting fixture into
the ceiling through cut-out.
Suitable for ceiling
thicknesses 1-35mm.

Specification
Classic design recessed LED panel light,
luminaire body in aluminium with one pieces
Acrylic light guide plate(LGP) and
one piece PC diffuser. not dazzling&soft light.
Rapid tool-free mounting.Suitable for
ceiling thicknesses 1-35mm.
Epistar SMD2835 led chips with TUV/SAA driver
Choice of 3 light colours: 3000K,4200K,6500K

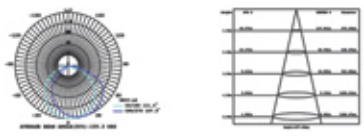


Product Datasheet

Item No	A0119 8	A0119 15	A0119 22	A0119 26
LED Power	8W	15W	22W	26W
Total Power	8.5W	16W	23W	27W
Input Voltage	AC110-240V	AC110-240V	AC110-240V	AC110-240V
Efficiency	120-130LM/W	120-130LM/W	120-130LM/W	120-130LM/W
Luminous Flux Output	680lm-720lm	1275lm--1350lm	1875lm-1980lm	2210lm-2345lm
CCT	3000K-6500K	3000K-6500K	3000K-6500K	3000K-6500K
Operating Temperature	-10~50°C	-10~50°C	-10~50°C	-10~50°C
Storage Temperature	25°C	25°C	25°C	25°C
Product Size	120*120mm	180*180mm	200*200mm	240*240mm
Cut-out	105*105	160*160	180*180	225*225
Material	Aluminum Alloy	Aluminum	Aluminum Alloy	Aluminum
Color	White	White	White	White
Beam Angle	120°	120°	120°	120°
CRI	≥75	≥75	≥75	≥75
IP Rate	IP20	IP20	IP20	IP20



A0118 8 PHOTOMETRIC TEST REPORT



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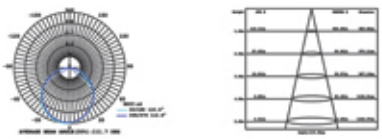
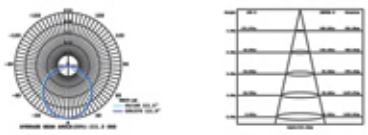
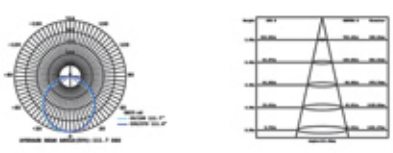


A0118 22 PHOTOMETRIC TEST REPORT



A0118 26 PHOTOMETRIC TEST REPORT



Electro LED
FOR LED LIGHTING PRODUCTION

www.facebook.com/Electroled www.twitter.com/electroledeg

Surface mounted down light

0475 Series

www.electro-led.com

Cost and time saving rapid
tool-free installation into the ceiling
Highly efficient and glarefree.
substitute for a common 1/2X26W CFL,
1/2X18W CFL,1/2X13W CFL
downlight with passive cooling
technology (lifetime: 50,000 hours
at 70% luminous flux remaining)
and consistent colour (Ra ≥80)
CREE COB chip with TUV/SAA led driver
Dimming options are available

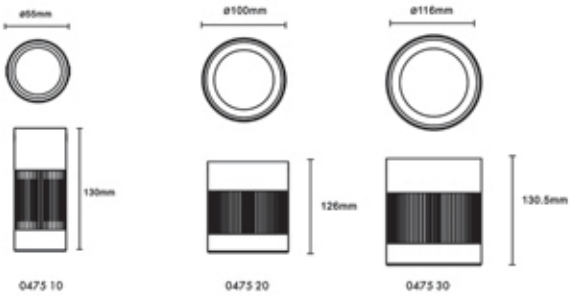
Materials/Finish
Body: Aluminium
Reflectors: vacuum coating aluminum
specular Reflector with PC material
Anti Harm cover: aluminium bezel with
a sealed 3mm clear toughened glass diffuserr

Installation/Mounting
Tool-free mounting
Fix the lighting fixture directly
on the ceiling with ceiling plate.
Suitable for stable ceiling.

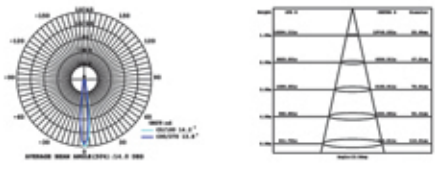
Specification
A stylish, surface mounted LED
downlight, luminaire body in
aluminium with one-pieces
vacuum coating aluminum pecular
PC reflector,not dazzling&soft light.
Rapid tool-free mounting,
Suitable for stable ceiling
CREE COB led chips with TUV/SAA driver
Stable luminous efficacy and CCT thanks to
high efficiency of radiator
choice of 3 light colours: 3000K,4200K,6500K

Product Datasheet

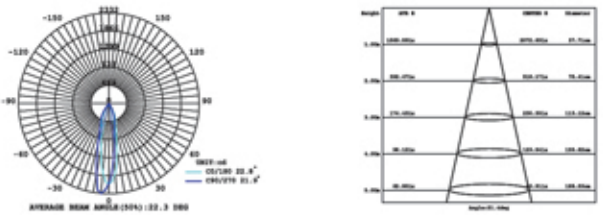
Item No	0475-10	0475-20	0475-30
LED Power	10W	20W	30W
Total Power	10.5W	21W	31.5W
Input Voltage	AC 110-240V	AC 110-240V	AC 110-240V
Efficiency	100-110LM/W	100-110LM/W	100-110LM/W
Luminous Flux Output	850lm-920lm	1850lm-2050lm	2750lm-3000lm
CCT	3000K-6500K	3000K-6500K	3000K-6500K
Operating Temperature	-10~50°C	-10~50°C	-10~50°C
Storage Temperature	25°C	25°C	25°C
Product Size	Ø55*130mm	Ø100*126mm	Ø116*130.5mm
Cut-out	/	/	/
Material	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Color	Black White	Black White	Black
Beam Angle	24° /45°	15°/24° / 60°	15°/24° / 38° / 60°
CRI	80	80	80
IP Rate	IP23	IP23	IP23



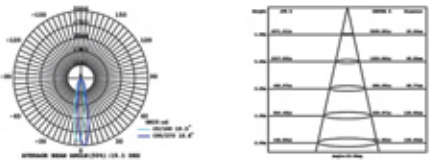
0475 30 PHOTOMETRIC TEST REPORT



0475 10 PHOTOMETRIC TEST REPORT



0475 20 PHOTOMETRIC TEST REPORT



Surface mounted down light

www.electro-led.com

Features:

COB light source, with high color rendering index and light efficiency, better Light effect, no galore, protect eyes.

- The overall shape design, exquisite appearance, elegant and generous.
- Durable and unique design of heat dissipation to improve lifespan.
- The light source adopts high efficiency, energy saving, long-life high-power LED which can save 70% electricity or more.
- The lamp body is made of aluminum alloy die-casting which can reduce LED junction temperature to ensure that the life extend to more than 40,000 hours.
- Easy installation and maintenance.
- The out-looking is simple and elegant. It can be adjusted according to the needs of the irradiated surfaces and irradiation angles.

W202LP

Model	Power (W)	Voltage	Lumen	Size(mm)	Cut out
W202LP	24W	220-240V	2050lm	300x300x73mm	–

L66- series

Model	Power (W)	Voltage	Lumen	Size(mm)	Cut out
L6635-8	8w	220-240V	680lm	φ142x89mm	–
L6640-10	10w	220-240V	850lm	φ177X91mm	–
L6660-20	20w	220-240V	1700lm	φ203X105mm	–
L6680-30	30w	220-240V	2550lm	φ264X105mm	–

Surface mounted down light

0118M Series

LED
www.electro-led.com

CE
RoHS compliant
IP20

Cost and time saving rapid
tool-free installation onto the ceiling
Highly efficient and glare free.
Soft light(lifetime: 50,000 hours
at 70% luminous flux remaining)
and consistent colour (Ra ≥75)
Epistar SMD2835 led chip with
TUV/SAA led driver
Dimming options are available

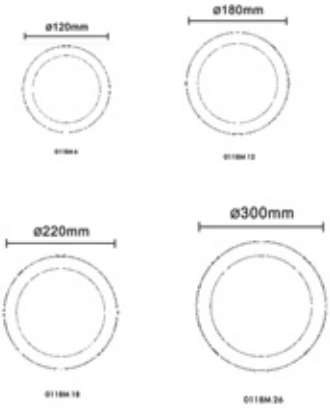
Materials/Finish
Body: Aluminium with white painted
LGP: Acrylic
Diffuser: PC

Installation/Mounting
Tool-free mounting
Fix the lighting fixture onto ceiling
directly with ceiling plate.
Suitable for stable ceiling.

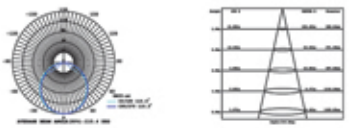
Specification
Classic design surface mounted LED panel light,
luminaire body in aluminium with one pieces
Acrylic light guide plate(LGP) and one piece PC diffuser.
not dazzling&soft light.Rapid tool-free mounting,
Suitable for stable ceiling.
Epistar SMD2835 led chips with TUV/SAA driver
Choice of 3 light colours: 3000K,4200K,6500K

Product Datasheet

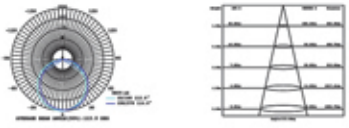
Item No	0118M6	0118M12	0118M18	0118M24
LED Power	6W	12W	18W	24W
Total Power	6.5W	12.5W	19W	25W
Input Voltage	AC110-240V	AC110-240V	AC110-240V	AC110-240V
Efficiency	100-110LM/W	100-110LM/W	100-110LM/W	100-110LM/W
Luminous Flux Output	450lm-480lm	850lm-960lm	1260lm-1350lm	2040lm-2210lm
CCT	3000K-6500K	3000K-6500K	3000K-6500K	3000K-6500K
Operating Temperature	-10~50°C	-10~50°C	-10~50°C	-10~50°C
Storage Temperature	25°C	25°C	25°C	25°C
Product Size	Ø120mm	Φ170mm	Φ220mm	Φ300mm
Cut-out	/	/	/	
Material	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Color	White	White	White	White
Beam Angle	120°	120°	120°	120°
CRI	≥75	≥75	≥75	≥75
IP Rate	IP20	IP20	IP20	IP20



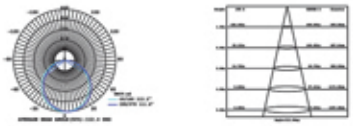
0118M 6 PHOTOMETRIC TEST REPORT



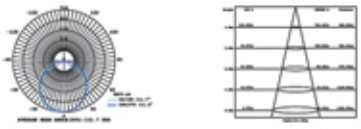
0118M 12 PHOTOMETRIC TEST REPORT



0118M 18 PHOTOMETRIC TEST REPORT



0118M 26 PHOTOMETRIC TEST REPORT



Surface mounted down light

0119M Series

www.electro-led.com

Cost and time saving rapid
tool-free installation onto the ceiling
Highly efficient and glare free.
Soft light(lifetime: 50,000 hours
at 70% luminous flux remaining)
and consistent colour (Ra ≥75)
Epistar SMD2835 led chip with
TUV/SAA led driver
Dimming options are available

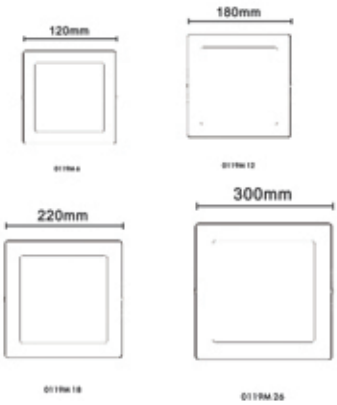
Materials/Finish
Body: Aluminium with white painted
LGP: Acrylic
Diffuser: PC

Installation/Mounting
Tool-free mounting
Fix the lighting fixture onto ceiling
directly with ceiling plate.
Suitable for stable ceiling.

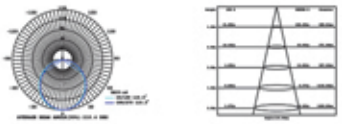
Specification
Classic design surface mounted LED panel light,
luminaire body in aluminium with one pieces
Acrylic light guide plate(LGP) and one piece PC diffuser.
not dazzling&soft light.Rapid tool-free mounting,
Suitable for stable ceiling.
Epistar SMD2835 led chips with TUV/SAA driver
Choice of 3 light colours: 3000K,4200K,6500K

Product Datasheet

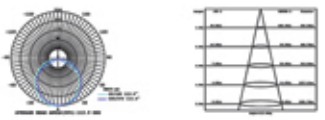
Item No	0119M 6	0119M 12	0119M 18	0119M 24
LED Power	6W	12W	18W	24W
Total Power	6.5W	12.5W	19W	25W
Input Voltage	AC110-240V	AC110-240V	AC110-240V	AC110-240V
Efficiency	100-110LM/W	100-110LM/W	100-110LM/W	100-110LM/W
Luminous Flux Output	450lm-480lm	850lm-960lm	1260lm-1350lm	2040lm-2210lm
CCT	3000K-6500K	3000K-6500K	3000K-6500K	3000K-6500K
Operating Temperature	-10~50°C	-10~50°C	-10~50°C	-10~50°C
Storage Temperature	25°C	25°C	25°C	25°C
Product Size	120x120mm	170*170mm	220*220	300*300mm
Cut-out	/	/	/	
Material	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Color	White	White	White	White
Beam Angle	120°	120°	120°	120°
CRI	≥75	≥75	≥75	≥75
IP Rate	IP20	IP20	IP20	IP20



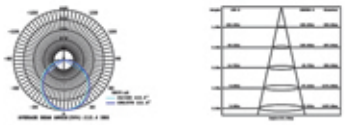
0119M 6 PHOTOMETRIC TEST REPORT



0119M 12 PHOTOMETRIC TEST REPORT



0119M 18 PHOTOMETRIC TEST REPORT



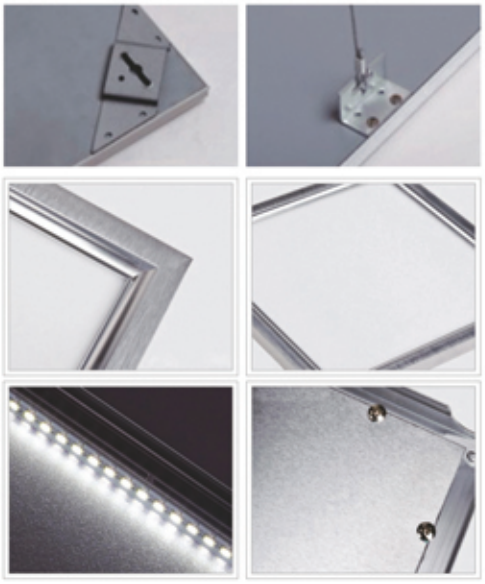
0119M 26 PHOTOMETRIC TEST REPORT

Ultra-thin LED panel light

www.electro-led.com

MQG-LED-36J(L)

MQG-LED-36J(S)



Housing: Aluminum

Diffuser: PMMA

Mounting: Recessed, surface mounted, suspended.

48 Watt Ultra-Slim LED Panel Light, 4000 lumen, 600mm X 600mm - 220w equivalent

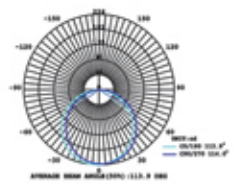
Ultra-thin aluminum alloy LED Panel lights that provide a glare-free, indirect lighting solution. Designed to replace a standard 4 T8 fluorescent fixture

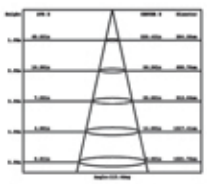
These panels are ideally suited for use in offices, schools, factories, hospitals,

Product Datasheet

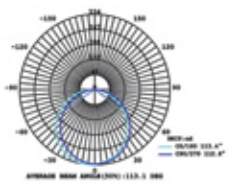
Item No	0122-66 36	0122-66 40	0122-66 48	0122-612 54
LED Power	36W	40W	48W	54W
Total Power	37.5W	42W	50W	56W
Input Voltage	AC110-240V	AC110-240V	AC110-240V	AC110-240V
Efficiency	100-110LM/W	100-110LM/W	100-110LM/W	100-110LM/W
Luminous Flux Output	2350lm-2550lm	2600lm-2880lm	2950lm-3220lm	3500lm-3882lm
CCT	3000K-6500K	3000K-6500K	3000K-6500K	3000K-6500K
Operating Temperature	-10~50°C	-10~50°C	-10~50°C	-10~50°C
Storage Temperature	25°C	25°C	25°C	25°C
Product Size	600*600mm	600*600mm	600*600mm	600*1200mm
Cut-out	/	/		
Material	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Color	White	White	White	White
Beam Angle	120°	120°	120°	120°

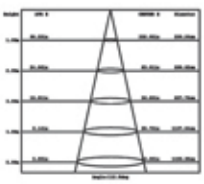
0122-33 12 PHOTOMETRIC TEST REPORT





0122-36 20 PHOTOMETRIC TEST REPORT



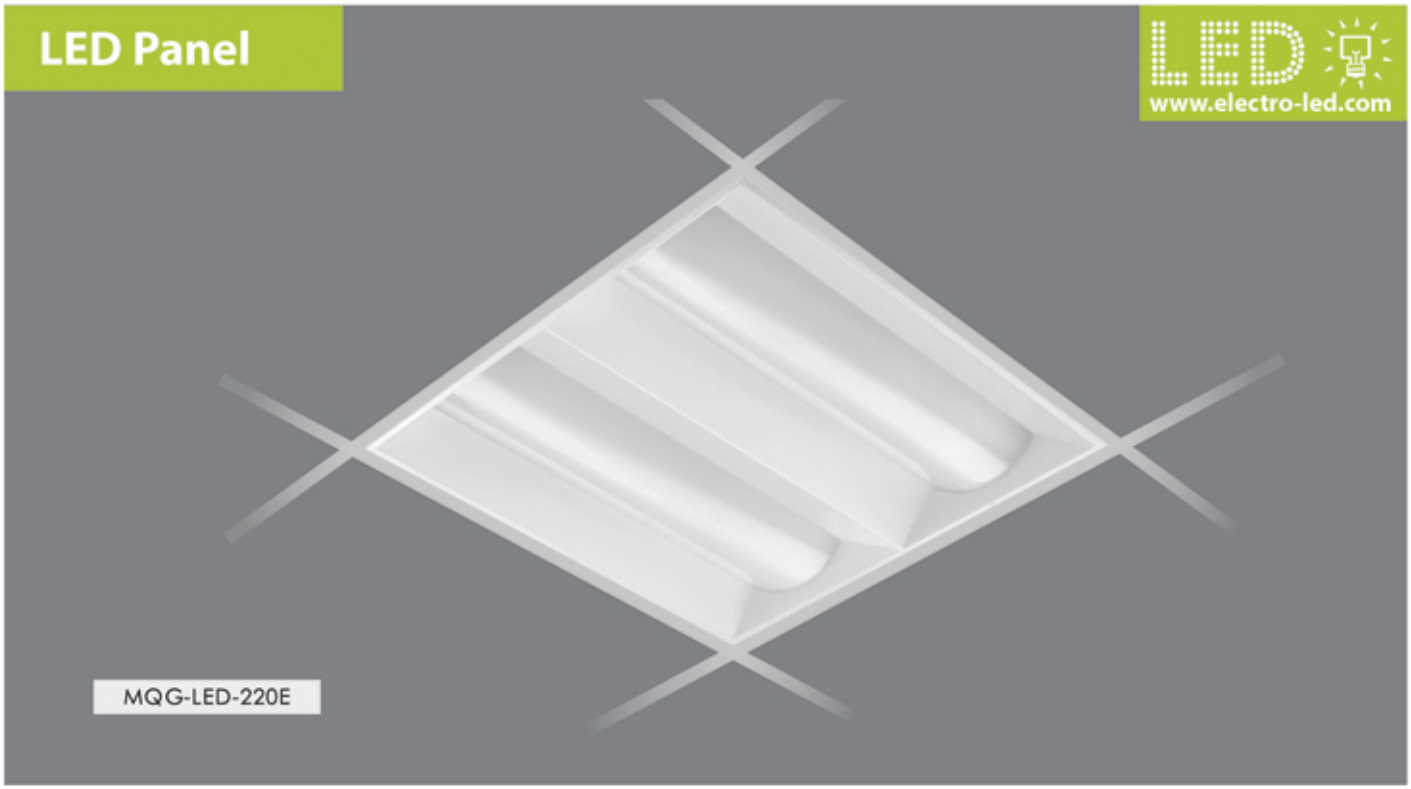


Main Features:

- LED approximately 50,000 hour life span
- No start-up delay or flickering or buzzing
- Dramatically reduces power consumption
- Completely mercury and lead free
- Non-UV or IR radiation , no heavy metal and harmful gas

LED Panel

LED
www.electro-led.com



Housing:
0.6mm steel housing under powder coating

Diffuser:
PMMA Opal diffuser specially for LED.

LED type:
LED board with Samsung 5630 SMD, Philips Core LED line, Philips CertaFlux Led Line... etc.

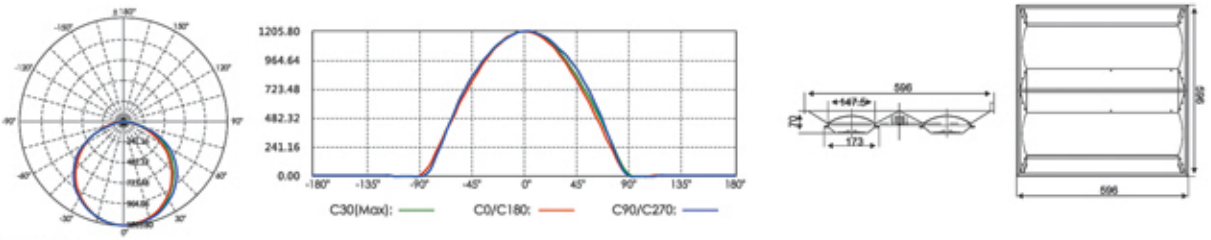
Electrical:
Philips, Osram, Tridonic standard driver for LED line, or optional with dimming system.

Mounting: Recessed

Model	Spec(W)	Total lumen (lm)	CRI	CCT (K)	Fixture size(LxWxH,mm)
MQG-LED-220E	40	3300	≥80	3000,4000,6000	596×596×70
MQG-LED-412E	48	4000	≥80	3000,4000,6000	596×596×70

Other power and lumen are available on request

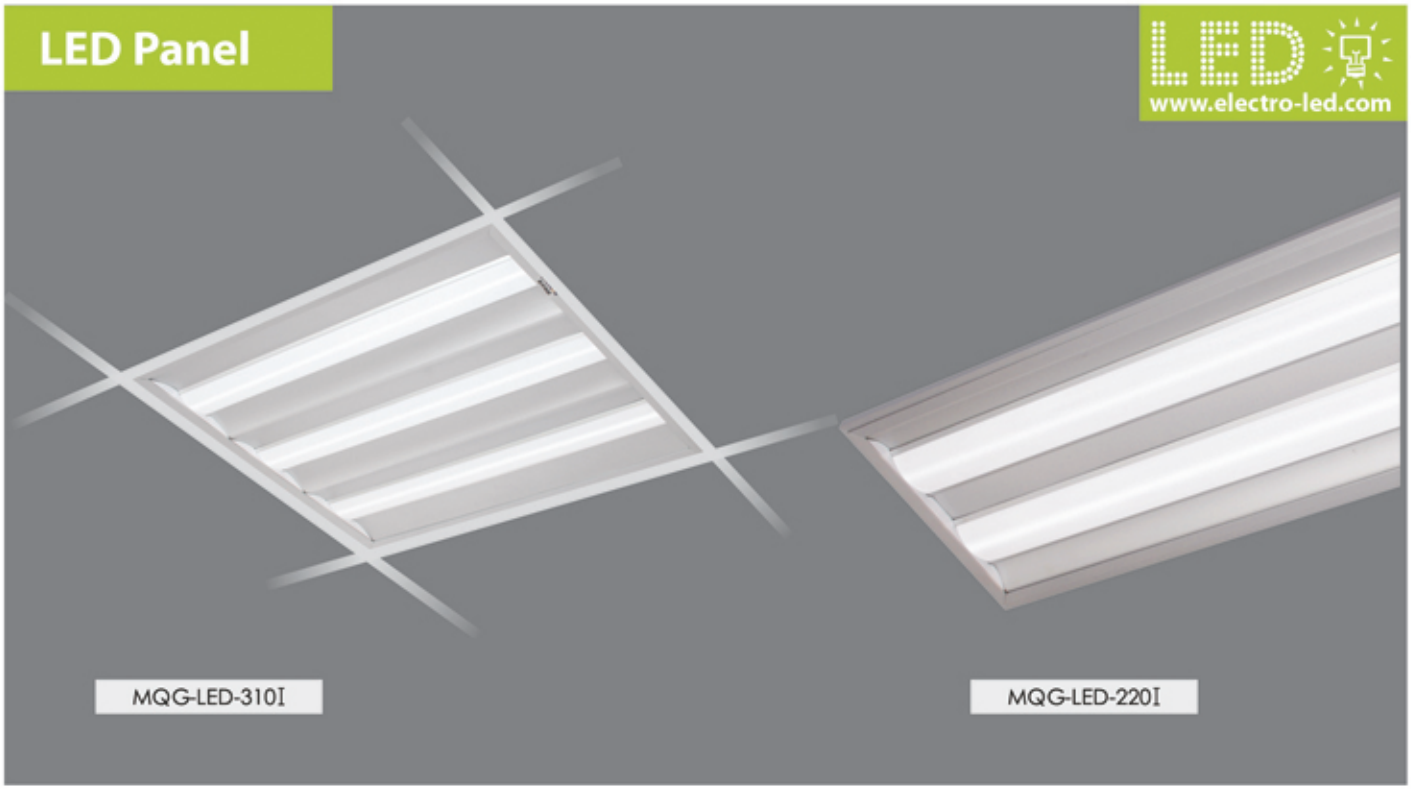
Photometry And Drawing



Main Features:

- LED approximately 50,000 hour life span
- No start-up delay or flickering or buzzing
- Dramatically reduces power consumption
- Completely mercury and lead free
- Non-UV or IR radiation , no heavy metal and harmful gas

LED Panel



Housing:
High quality extruded aluminum, anodised or white powder coated (othercolors available on request.

Diffuser:
PMMA opal diffuser specially for LED

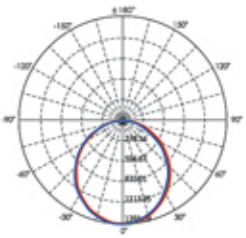
LED type:
board with Samsung 5630 SMD, Philips Core LED line, Philips CertaFlux Led Line... etc

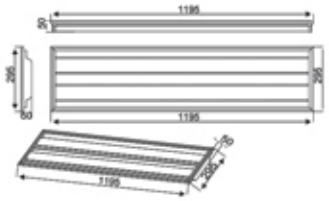
Electrical:
Philips, Osram, Tridonic standard driver for LED line, or optional with dimming system.

Mounting:
Recessed mounting, housing rests on T-bars with suspension hole available for chain.

Model	Spec.	Total lumen (lm)	CRI	CCT (K)	Fixture size(LxWxH,mm)
MQG-LED-312I	36W(LED)	2900	≥80	3000,4000,6000	595×595×50
MQG-LED-315I	45W(LED)	3600	≥80	3000,4000,6000	595×595×50
MQG-LED-224I	48W(LED)	3850	≥80	3000,4000,6000	1195×295×50

Photometry And Drawing





Main Features:

- LED approximately 50,000 hour life span
- No start-up delay or flickering or buzzing
- Dramatically reduces power consumption
- Completely mercury and lead free
- Non-UV or IR radiation , no heavy metal and harmful gas

Office Lighting

MZJ-LED-220G

Housing: High pure quality extruded aluminum, anodised or white powder coated (other colors available on request)

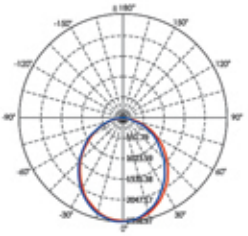
Diffuser: PMMA

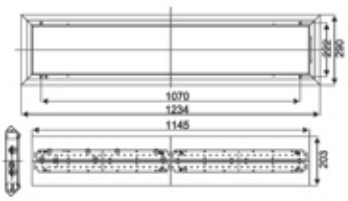
Mounting: Ceiling mounting via internal screws or suspension system with steel wires and height adjustment system.

LED type: Chonon LED line with Samsung 5630 SMD, Philips/ Osram/ Tridonic LED line

Electrical: Philips, Osram, Tridonic standard driver for LED line, or optional with dimming system.

Photometry And Drawing





For LED

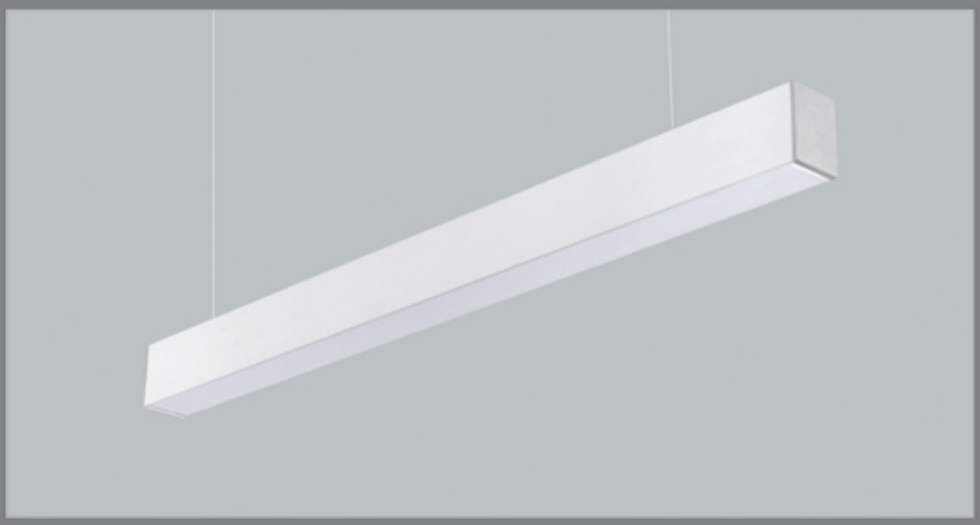
Model	spec.	Total lumen (lm)	CRI	CCT (K)	Fixture size(LxWxL mm)	packing size (cm)	qty/ctn
MZJ-LED-220G	40W (LED)	3400	≥80	3000,4000,6000	1234×290×60	127×25×32	3
MZJ-LED-222G	45W (LED)	3800	≥80	3000,4000,6000	1234×290×60	127×25×32	3

Other power is available on request. The lumen is subject to change according to different LED strip

Main Features:

- LED approximately 50,000 hour life span
- No start-up delay or flickering or buzzing
- Dramatically reduces power consumption
- Completely mercury and lead free
- Non-UV or IR radiation , no heavy metal and harmful gas

Office Lighting



MZJ-LED-140A

Housing:
High pure quality extruded aluminum, anodised or white powder coated (other colors available on request).

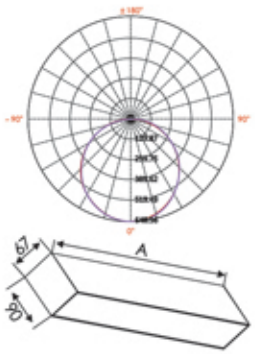
Diffuser: PMMA

Mounting:
Ceiling mounting via internal screws or suspension system with steel wires and height adjustment system.

LED type:
LED board with Samsung 5630 SMD, Philips Core LED line, Philips CertaFlux Led Line... etc.

Electrical:
Philips, Osram, Tridonic standard driver for LED line, or optional with dimming system.

Photometry And Drawing



Main Features:
- LED approximately 50,000 hour life span
- No start-up delay or flickering or buzzing
- Dramatically reduces power consumption
- Completely mercury and lead free
- Non-UV or IR radiation , no heavy metal and harmful gas

Model	Spec.	Total lumen (lm)	CRI	CCT (K)	Fixture size(LxWxL,mm)
MZJ-LED-140A	40W(LED)	3000~3200	≥80	3000,4000,6000	1176×67×90
MZJ-LED-145A	45W(LED)	3400~3600	≥80	3000,4000,6000	1176×67×90

COB LED track spot light

Cob led track spot light 30:

is a new kind of energy-saving lights , green replacement of traditional halogen bulbs used for interior lighting . It helps to keep your electricity expenses down monthly.
The lamp body is made of high- quality aluminum alloy material, with unique air convection design, the heat dissipation performance of the lamp is greatly improved.Highefficiency, stable performance and no strobe

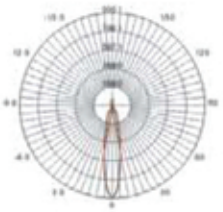
Features of cob led track spot light 15 – 20 W:

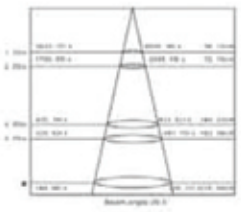
LED track light Applications:
1. Shopping mall or retailing store, jewelry and clothing display;
2. Museum or art gallery, exhibition hall and other partial lighting;
3. Commercial complex, supermarket, hotel, restaurant, bar, disco, karaoke lighting;

Model	Voltage	power	PF	CRI	Operating temperature	Luminous Efficiency	Luminous Flux	Beam-angle
	90 – 265 VAC	30 watt	≥0.95	Ra ≥ 80	-40~+60°C	80 – 90 Lm/W	2500 : 2700 lumin	30 ° 45 ° 60 °

Advantages:

1- high-quality aluminum housing, and better heat dissipation, light decay less, live longer
2- high-grade optical lenses, optical loss, good illumination
3- high-power transformers make the perfect combination of the lighting, electrical appliances and light
4- lightweight easy, elegant, easy to install and replace
5- Streamline design, beautiful appearance
6- Energy and durable(consuming only ordinary incandescent lamp 1 / 10, life is extended more than 100 times.)Ordinary 70W metal halide lamp we put it down to 10W from 70W
7- shell protects heat, prolonged use of more secure than traditional haloger lamps
8- can be directly installed lighting.

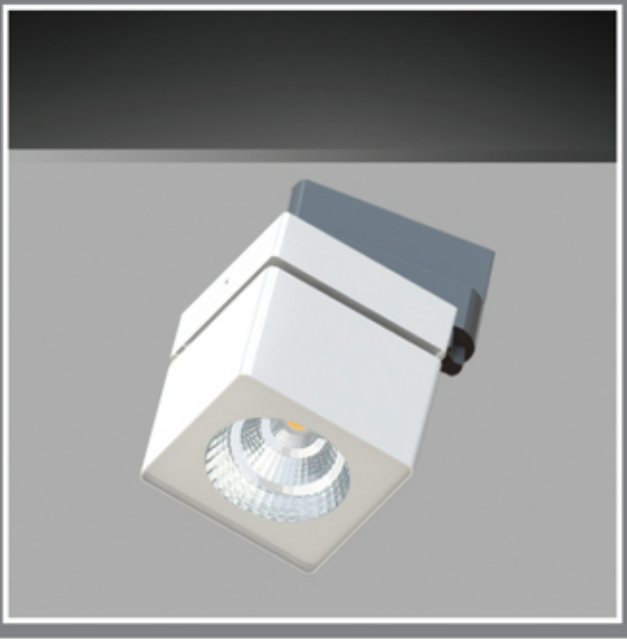




Track spot light

0509 Series

www.electro-led.com

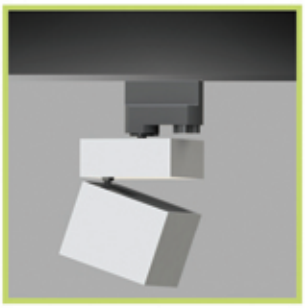


Cost and time saving rapid installation.
Highly efficient and glare free.
Substitute for traditional track light with passive cooling technology (lifetime: 50,000 hours at 70% luminous flux remaining) and consistent colour (Ra >80)
CREE COB chip with TUV/SAA led driver
Dimming options are available

Materials/Finish
Body: Aluminium
Reflectors: high grade anodised aluminium.
Anti Harm cover: aluminium bezel with a sealed 3mm clear toughened glass diffuser

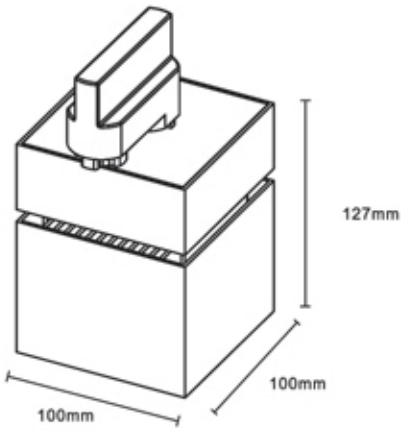
Installation/Mounting
Tool-free mounting
Fix the lighting fixture on the ceiling with guide rail(track)
Suitable for stable ceiling.

Specification
A stylish, High-Flux LED track light, luminaire body inaluminium with one-pieces high grade anodised aluminium reflector,not dazzling&soft light.
CREE COB led chips with TUV/SAA driver
Stable luminous efficacy and CCT thanks to high efficiency of radiator
Choice of 3 light colours: 3000K,4200K,6500K



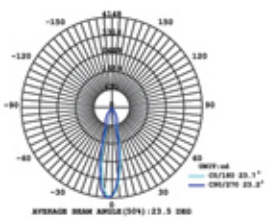
Product Datasheet

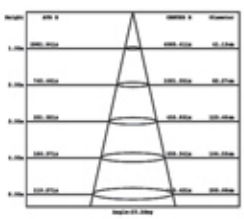
Item No	0509-15
LED Power	15W
Total Power	16W
Input Voltage	AC 110-240V
Efficiency	100-110LM/W
Luminous Flux Output	1200lm-1400lm
CCT	3000K-6500K
Operating Temperature	-10~50°C
Storage Temperature	25°C
Product Size	100*100*127mm
Cut-out	/
Material	Aluminum Alloy
Color	Black White
Beam Angle	15° /24° /38° /60°
CRI	80
IP Rate	IP23



0509 15

0509 15 PHOTOMETRIC TEST REPORT





Track spot light

0510 Series

www.electro-led.com

Cost and time saving rapid installation.
Highly efficient and glare free.
Substitute for traditional track light with passive cooling technology (lifetime: 50,000 hours at 70% luminous flux remaining) and consistent colour (Ra >80)
CREE COB chip with TUV/SAA led driver
Dimming options are available

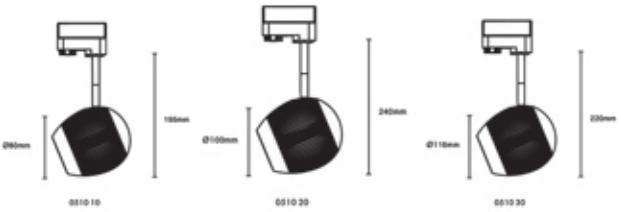
Materials/Finish
Body: Aluminium
Reflectors: high grade anodised aluminium.
Anti Harm cover: aluminium bezel with a sealed 3mm clear toughened glass diffuser

Installation/Mounting
Tool-free mounting
Fix the lighting fixture on the ceiling with guide rail(track)
Suitable for stable ceiling.

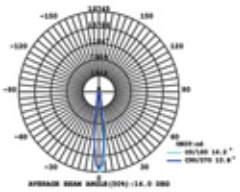
Specification
A stylish, High-Flux LED track light, luminaire body inaluminium with one-pieces high grade anodised aluminium reflector,not dazzling&soft light.
CREE COB led chips with TUV/SAA driver
Stable luminous efficacy and CCT thanks to high efficiency of radiator
Choice of 3 light colours: 3000K,4200K,6500K

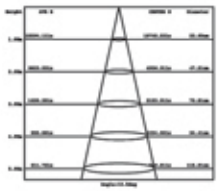
Product Datasheet

Item No	0510-10	0510-20	0510-30
LED Power	10W	20W	30W
Total Power	10.5W	21W	31W
Input Voltage	AC 110-240V	AC 110-240V	AC 110-240V
Efficiency	100-110LM/W	100-110LM/W	100-110LM/W
Luminous Flux Output	750lm-900lm	1800lm-1900lm	1800lm-1900lm
CCT	3000K-6500K	3000K-6500K	3000K-6500K
Operating Temperature	-10~50°C	-10~50°C	-10~50°C
Storage Temperature	25°C	25°C	25°C
Product Size	Ø80*195mm	Ø100*240mm	Ø116*220mm
Cut-out	/	/	/
Material	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Color	Black White	Black White	Black White
Beam Angle	15° /24° /38° /60°	15° /24° /38° /60°	15° /24° /38° /60°
CRI	80	80	80
IP Rate	IP23	IP23	IP23

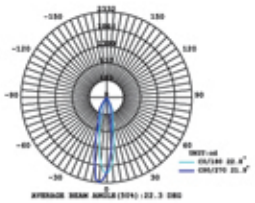


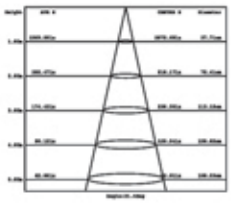
0510 30 PHOTOMETRIC TEST REPORT



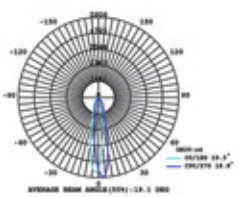


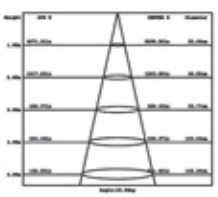
0510 10 PHOTOMETRIC TEST REPORT





0510 20 PHOTOMETRIC TEST REPORT





Track spot light

www.electro-led.com

Features:

COB light source, with high color rendering index and light efficiency, better Light effect, no galore, protect eyes.

- The overall shape design, exquisite appearance, elegant and generous.
- Durable and unique design of heat dissipation to improve lifespan.
- The light source adopts high efficiency, energy saving, long-life high-power LED which can save 70% electricity or more.
- The lamp body is made of aluminum alloy die-casting which can reduce LED junction temperature to ensure that the life extend to more than 40,000 hours.
- Easy installation and maintenance.
- The out-looking is simple and elegant. It can be adjusted according to the needs of the irradiated surfaces and irradiation angles.

WT-LT series

Model	Power (W)	Voltage	Lumen	Size(mm)	Cut out
WT03LT	20w	220-240V	1600lm	190x152x140mm	—
WT05LT	20w	220-240V	1600lm	177.5x175x138mm	—
WT08LT	20w	220-240V	1600lm	190x190x178mm	—
WT01LT	20w	220-240V	1600lm	295x230x140mm	—
WT02LT	20w	220-240V	1600lm	195x180x176mm	—
WT06LT	20w	220-240V	1600lm	240x158x180mm	—

L3430

Model	Power (W)	Voltage	Lumen	Size(mm)	Cut out
L3430-23	23w	220-240V	2000lm	223X156X65mm	—
L3430-33	33w	220-240V	2800lm	223X156X65mm	—
L3430-40	40w	220-240V	3500lm	223X156X65mm	—

Weather proof LED

0520 Series

www.electro-led.com

CE RoHS compliant IP65 ENERGY SAVING

Easy installation with fast connection design
Shorten the installation process and save labor cost.
Highly efficient and glare free.
Substitute for fluorescent waterproof lighting fixtures
(lifetime: 50,000 hours
at 70% luminous flux remaining)
and consistent colour (Ra >75)
Epistar SMD5630 led chips
IP rate: IP66

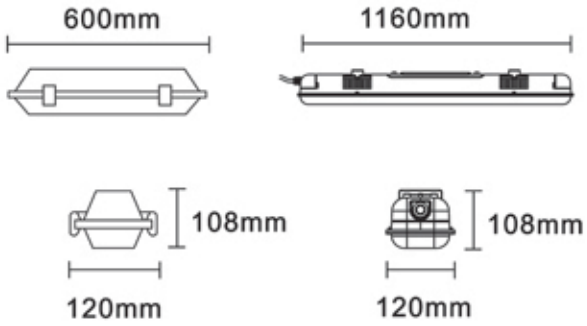
Materials/Finish
Body: PC+PC / PC+ABS
Reflectors: MCPCB or High temperature resistant PCB

Installation/Mounting
Tool-free Installation
Fix the lighting fixture onto the ceiling directly.

Specification
The Epistar SMD5630 chips enable a solid-state lighting solution that is more efficient, more reliable and longer-lasting than ever before possible. Stable luminous efficacy and CCT thanks to high efficiency of radiating.
Body and diffuser could meet IK08 and 850 degree glow wire test requirement.
Lightweight body material, corrosion resistant, Waterproof and dustproof.
It could be fitted with the Microwave sensor,
Fitted with the emergency battery to meet requirement.
Suitable for supermarket, underground parking, warehouse
Function well in the waterproof and dustproof,
Suitable for outdoor and wet locations lighting applications.
Choice of 3 light colours: 3000K, 4200K, 6500K

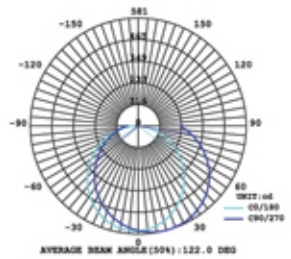
Product Datasheet

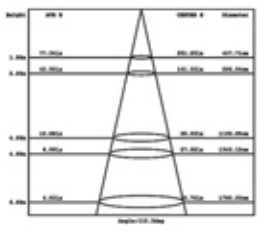
Item No	0520 12/24A	0520 24B/36/48
LED Power	12W/24W	24W/36W/48W
Total Power	12.5W/25W	25W/37W/49W
Input Voltage	AC220-240V	AC220-240V
Efficiency	100-110LM/W	100-110LM/W
Luminous Flux Output	970lm/2290lm	2360lm/3540lm/4540lm
CCT	3000K-6500K	3000K-6500K
Operating Temperature	-10~50°C	-10~50°C
Storage Temperature	25°C	25°C
Product Size	600X120X108mm	1160X120X108mm
Material	PC+PC/PC+ABS	PC+PC/PC+ABS
Color	Milk-White/Transparent	Milk-White/Transparent
Beam Angle	120°	120°
CRI	80	80
IP Rate	IP66	IP66
LED Spec. LED	SMD5630	SMD5630



0520 12/24A 0520 24B/36/48

0520 12/24A PHOTOMETRIC TEST REPORT





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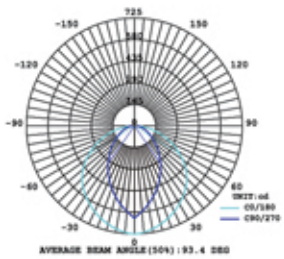
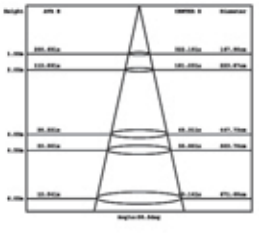




Electro LED
FOR LED LIGHTING PRODUCTION

www.facebook.com/Electroled www.twitter.com/electroledeg

Garden LED

0468 0469 Series

www.electro-led.com

Cost and time saving rapid tool-free installation.
Highly efficient and glare free.
Substitute for Halogen garden light with passive cooling technology (lifetime: 50,000 hours at 70% luminous flux remaining) and consistent colour (Ra >80)
CREE COB chip with TUV/SAA led driver
IP rate: IP65

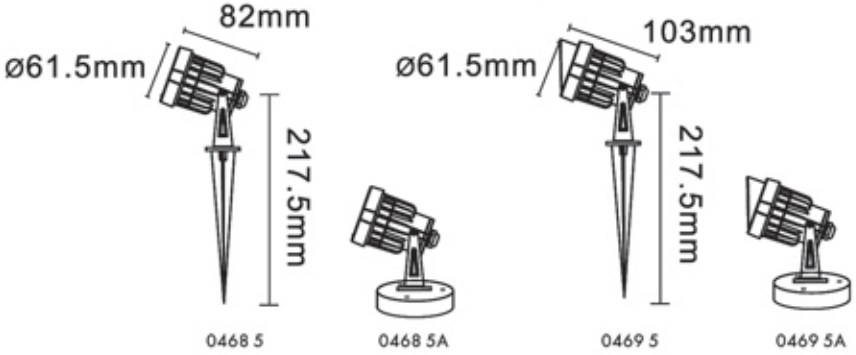
Materials/Finish
Body: Die-casting Aluminium
Reflectors: Vacuum coating aluminum specular reflector with PC material
Anti Harm cover: Die-casting aluminium bezel with a sealed 3mm clear toughened glass diffuser

Installation/Mounting
Tool-free Installation
Fix the lighting fixture into the grassland or ground.

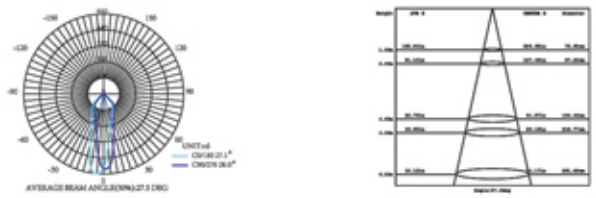
Specification
A exquisite&stylish, LED Garden light, luminaire body in Die-casting aluminium with one-pieces vacuum coating aluminum pecular PC reflector,not dazzling&soft light.
Rapid tool-free installation.
CREE COB led chips with TUV/SAA driver
Stable luminous efficacy and CCT thanks to high efficiency of radiator
Choice of 3 light colours: 3000K,4200K,6500K

Product Datasheet

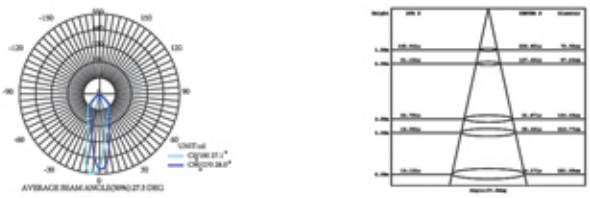
Item No	0468 5W	0469 5W
LED Power	5W	5W
Total Power	5.2W	5.2W
Input Voltage	AC 110-240V	AC 110-240V
Efficiency	100-110LM/W	100-110LM/W
Luminous Flux Output	420m-480lm	420m-480lm
CCT	3000K-6500K	3000K-6500K
Operating Temperature	-10~50°C	-10~50°C
Product Size	¢61.5*275mm	¢61.5*290mm
Material	Aluminum Alloy	Aluminum Alloy
Color	Black	Black
Beam Angle	24° / 60°	24° / 60°
CRI	80	80
IP Rate	IP65	IP65



0468 5 PHOTOMETRIC TEST REPORT



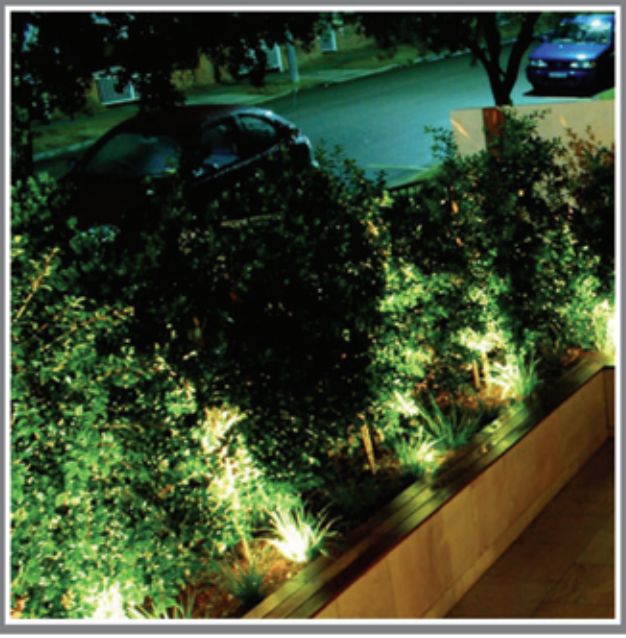
0469 5 PHOTOMETRIC TEST REPORT



Garden LED

0478 0479 Series

www.electro-led.com



Cost and time saving rapid tool-free installation.
Highly efficient and glare free.
Substitute for Halogen garden light with passive cooling technology (lifetime: 50,000 hours at 70% luminous flux remaining) and consistent colour (Ra >80)
CREE COB chip with TUV/SAA led driver
IP rate: IP65

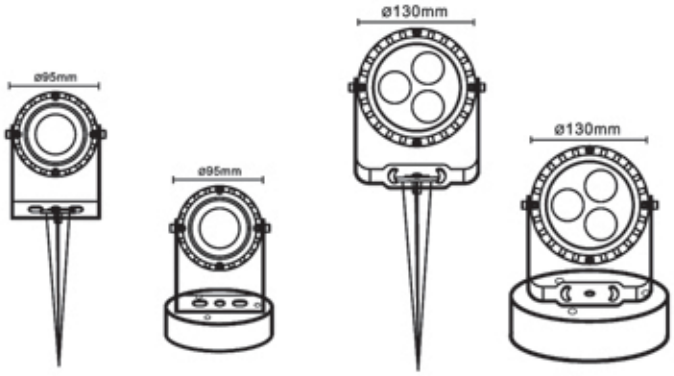
Materials/Finish
Body: Die-casting Aluminium
Reflectors: Vacuum coating aluminum specular reflector with PC material
Anti Harm cover: Die-casting aluminium bezel with a sealed 3mm clear toughened glass diffuser

Installation/Mounting
Tool-free Installation
Fix the lighting fixture into the grassland or ground.

Specification
A exquisite&stylish, LED Garden light, luminaire body in Die-casting aluminium with one-pieces vacuum coating aluminum pecular PC reflector,not dazzling&soft light.
Rapid tool-free installation.
CREE COB led chips with TUV/SAA driver
Stable luminous efficacy and CCT thanks to high efficiency of radiator
Choice of 3 light colours: 3000K,4200K,6500K

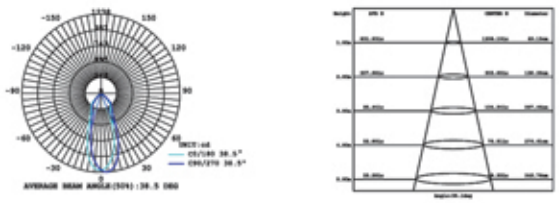
Product Datasheet

Item No	0479-10	0478-20
LED Power	10W	20W
Total Power	11W	21W
Input Voltage	AC 110-240V	AC 110-240V
Efficiency	100-110LM/W	100-110LM/W
Luminous Flux Output	850lm-950lm	1850lm-1950lm
CCT	3000K-6500K	3000K-6500K
Operating Temperature	-10~50°C	-10~50°C
Product Size	Ø95*100mm	Ø130*157mm
Material	Aluminum Alloy	Aluminum Alloy
Color	Black /Grey	Black /Grey
Beam Angle	15° /24° /38° /60°	15° /24° /38° /60°
CRI	80	80
IP Rate	IP65	IP65



0479 10 0479 10A 0478 20 0478 20A

0479 10 PHOTOMETRIC TEST REPORT



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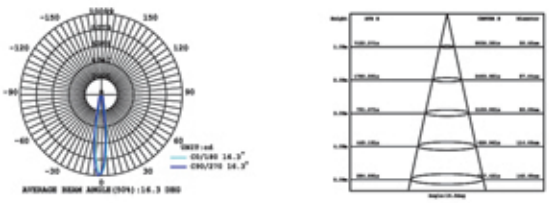
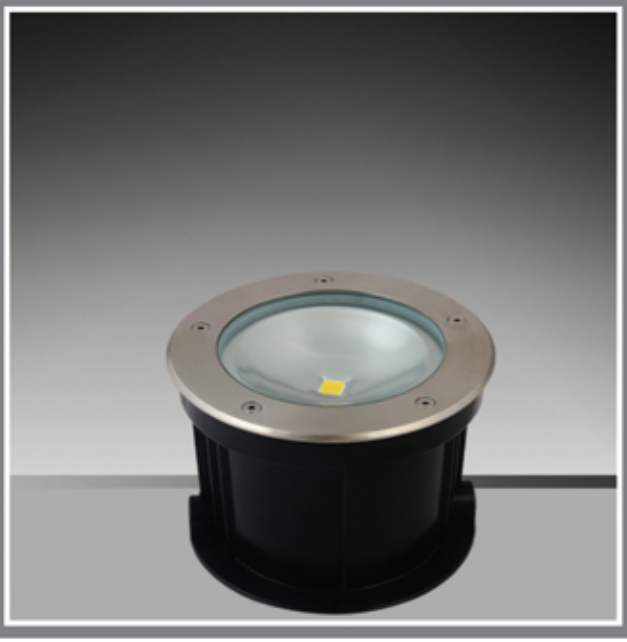


LED Up Light

0271 Series

www.electro-led.com

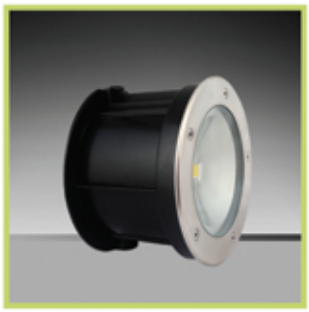


Cost and time saving rapid tool-free installation.
Highly efficient and glare free, substitute for Halogen underground light (lifetime: 50,000 hours at 70% luminous flux remaining and consistent colour) (Ra >75)
Bridgelux Integrated high-power led chips with CE&RoHS led driver
IP rate:IP67

Materials/Finish
Body: Stainless Steel & Die-casting Aluminium
Reflectors: high grade anodised aluminium.
Anti Harm cover: Stainless Steel bezel with a sealed 8-10mm clear toughened glass diffuser

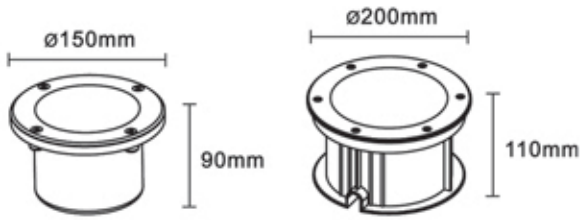
Installation/Mounting
Tool-free Installation
Fix the lighting fixture into the holes in grassland or ground

Specification
The Bridgelux Integrated high-power LED chips enable a solid-state lighting solution that is more efficient, more reliable and longer-lasting than ever before possible. Constructed from high-quality die-cast aluminium casing and stainless steel frame that can withstand outdoor conditions. Designed for humid outdoor environments and has undergone rigorous tests to ensure its water resistance. Stable luminous efficacy and CCT thanks to high efficiency of radiator. Choice of 3 light colours: 3000K,4200K,6500K



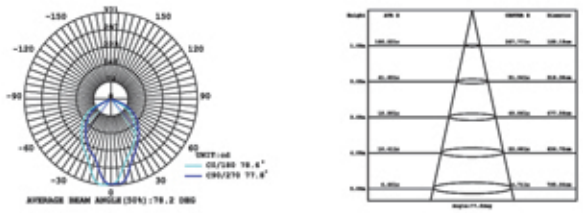
Product Datasheet

Item No	0271 10	0271 20
LED Power	10W	20W
Total Power	11W	22W
Input Voltage	AC 110-240V	AC 110-240V
Efficiency	100-110LM/W	100-110LM/W
Luminous Flux Output	800lm-950lm	1600lm-1900lm
CCT	3000K-6500K or RGB	3000K-6500K or RGB
Operating Temperature	-10~50°C	-10~50°C
Storage Temperature	25°C	25°C
Product Size	Φ150*H90mm	Φ200*H110mm
Cut-out	Φ148mm	Φ187mm
Material	316 stainless steel	316 stainless steel
Color	Black	Black
Beam Angle	60°-85°	60°-85°
CRI	75	75
IP Rate	IP67	IP67



0271 10 0271 20

0271 10 PHOTOMETRIC TEST REPORT



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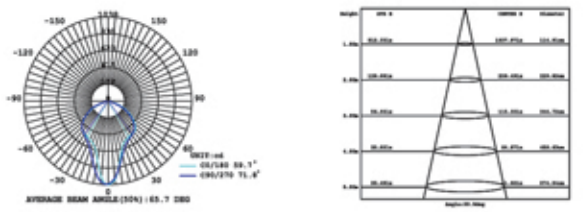


Flood Light & Tunnel light

1. High voltage, low current, energy-saving and environment friendly, healthy and cost efficient
2. One-in-all design, to ensure the salability of products, high grade waterproof and dust proof
3. Adopting optical lens for light source, to gather the light distribution in a range and satisfy different lighting needs
4. Beautiful appearance, made with black tempered glass, making the products look superior and layering
5. Columnar-structured heat radiator to dissipate heat from all directions, which helps solve heat dissipation problems

Description:

1) Unique design lighting Using aluminum alloy and plastic materials body with toughened glass. With good heat sink, waterproof and dustproof with IP65 and high temperature resistant. Low light decay, long lifespan. Plug-in cable, easy maintenance and stable connection, energy saving, power saving over than 75% traditional flood light, It's the best choice of indoor and outdoor lighting.

Applications:

1. Landscaping building, bridge, squares
2. Sports center, tunnel, gardens, subway
3. Underground, factories, clubs, hotels

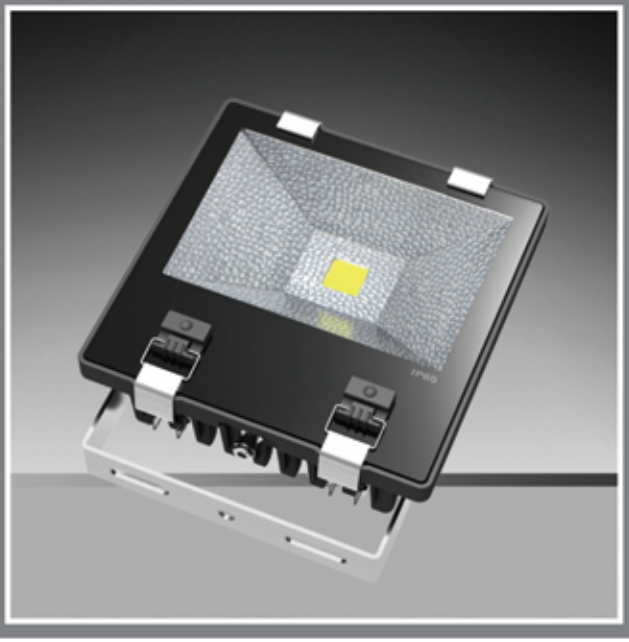
Specifications:

Item No	SD 60	SD 90	SD 120
Power	60W	90W	120W
Single LED Lumina	=90LM/W	=90LM/W	=90LM/W
Luminous Flux:	5000-5400lm	8000-8400lm	10800-11000lm
Power factor(PF)	>0.9	>0.9	>0.9
Fixture Efficiency	>90%	>90%	>90%
Size	298mm*255mm*146mm	340mm*298mm*146mm	485mm*298mm*146mm
CRI	>80	>80	>80
Input Voltage	AC85-265V 50-60Hz	AC85-265V 50-60Hz	AC85-265V 50-60Hz
Beam angle	60°	60°	60°
Operating Tempera	-30~60°C	-30~60°C	-30~60°C

Flood Light

FL Series

www.electro-led.com

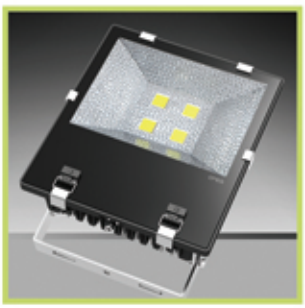


Cost and time saving rapid tool-free installation.
Highly efficient and glare free.
Substitute for Halogen flood light with passive cooling technology (lifetime: 50,000 hours at 70% luminous flux remaining) and consistent colour (Ra ≥80)
Bridgelux Integrated high-power chips with TUV/SAA led driver
IP rate: IP65

Materials/Finish
Body: Aluminium
Reflectors: High grade anodised aluminium.
Anti Harm cover: aluminium bezel with a sealed 5mm clear toughened glass diffuser

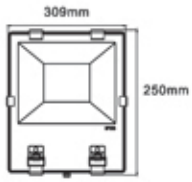
Installation/Mounting
Tool-free Installation
Fix the lighting fixture onto the wall,roof,grassland or ground etc.,

Specification
The Bridgelux Integrated high-power LED chips enable a solid-state lighting solution that is more efficient, more reliable and longer-lasting than ever before possible.Constructed from high-quality aluminium material that can withstand outdoor conditions. Designed for humid outdoor environments and has undergone rigorous tests to ensure its water resistance.
Stable luminous efficacy and CCT thanks to high efficiency of radiator
Choice of 3 light colours: 3000K,4200K,6500K

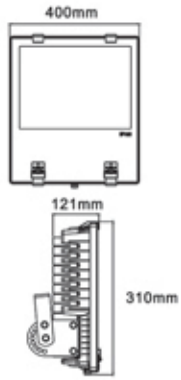


Product Datasheet

Item No	FI-V-100	FI-V-200
LED Power	100W	200W
Total Power	102.5W	203W
Input Voltage	AC 110-240V	AC 110-240V
Efficiency	100-110LM/W	100-110LM/W
Luminous Flux Output	7800lm-9300lm	15600lm-18600lm
CCT	3000K-6500K or RGB	3000K-6500K or RGB
Operating Temperature	-10~50°C	-10~50°C
Product Size	309*250*192mm	400*310*121mm
Material	Aluminum	Aluminum
Color	Black	Black
Beam Angle	120°	120°
CRI	≥75	≥75
IP Rate	IP65	IP65

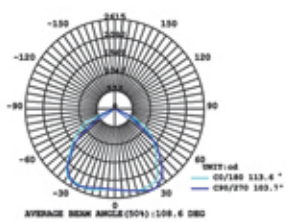


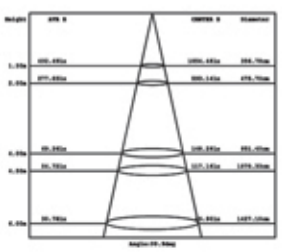
FI-V-100



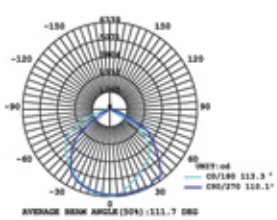
FI-V-200

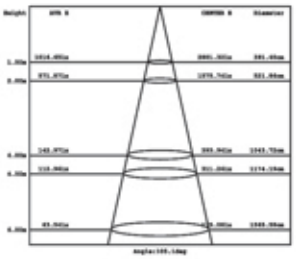
FI - V-100 PHOTOMETRIC TEST REPORT





FI - V-200 PHOTOMETRIC TEST REPORT

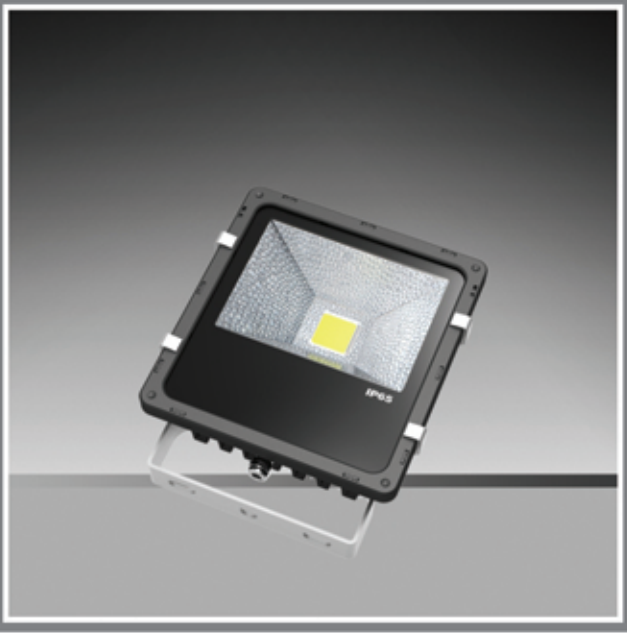




Flood Light

FL Series

www.electro-led.com



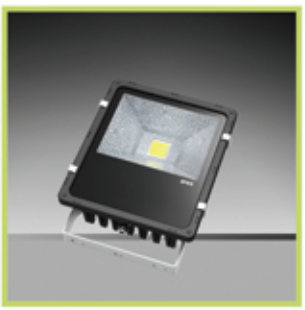
CE · RoHS compliant · IP65 · ENERGY SAVING · 120° elliptical

Cost and time saving rapid tool-free installation.
Highly efficient and glare free.
Substitute for Halogen flood light with passive cooling technology (lifetime: 50,000 hours at 70% luminous flux remaining) and consistent colour (Ra ≥80)
Bridgelux Integrated high-power chips with TUV/SAA led driver
IP rate: IP65

Materials/Finish
Body: Aluminium
Reflectors: High grade anodised aluminium.
Anti Harm cover: aluminium bezel with a sealed 5mm clear toughened glass diffuser

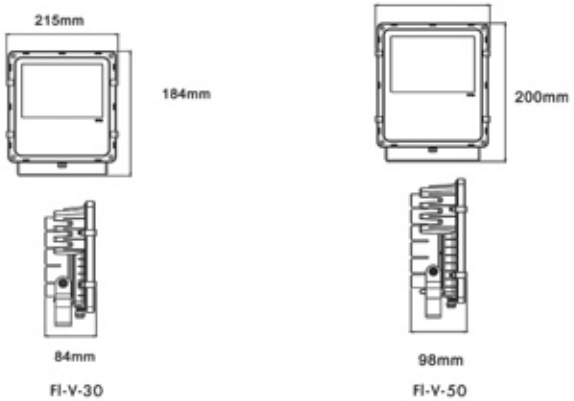
Installation/Mounting
Tool-free Installation
Fix the lighting fixture onto the wall,roof,grassland or ground etc.,

Specification
The Bridgelux Integrated high-power LED chips enable a solid-state lighting solution that is more efficient, more reliable and longer-lasting than ever before possible.Constructed from high-quality aluminium material that can withstand outdoor conditions. Designed for humid outdoor environments and has undergone rigorous tests to ensure its water resistance.
Stable luminous efficacy and CCT thanks to high efficiency of radiator
Choice of 3 light colours: 3000K,4200K,6500K

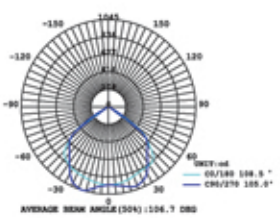


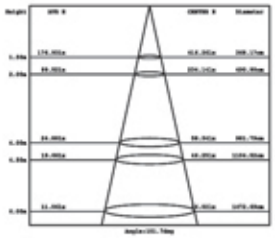
Product Datasheet

Item No	FI-V-30	FI-V-50
LED Power	30W	50W
Total Power	32W	52W
Input Voltage	AC 110-240V	AC 110-240V
Efficiency	100-110LM/W	100-110LM/W
Luminous Flux Output	2250lm-2700lm	3900lm-4500lm
CCT	3000K-6500K or RGB	3000K-6500K or RGB
Operating Temperature	-10~50°C	-10~50°C
Product Size	215*184*84mm	253*200*98mm
Material	Aluminum	Aluminum
Color	Black	Black
Beam Angle	120°	120°
CRI	≥75	≥75
IP Rate	IP65	IP65



FI - V-30 PHOTOMETRIC TEST REPORT





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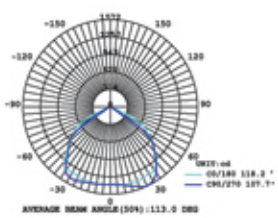
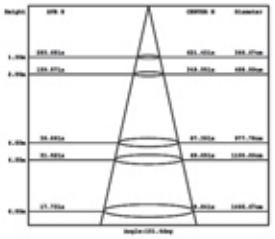




High bay light

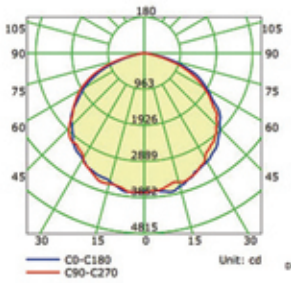
The LED high bay family is the energy solutions for warehouse, workshop and other industrial and commercial applications. It's easy to retrofit the existing high-pressure mercury high bay and HPS high bay, allows up 65% energy savings.

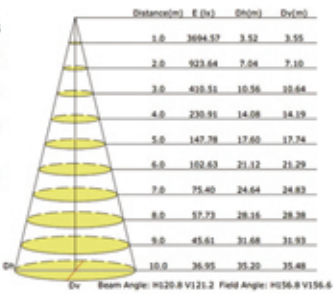
Product Features :

- Using single powerful LED as the light source, with unique lighting design of Multi-chip integrated single-module; select for excellent imported semiconductor chip, it has high thermal
conductivity, low luminous decay, pure colors and no heavy shade etc. .
- The unique design of radiator which can combine with the lamp box perfectly, diffuse the heat conduction efficiently, so that reduce the temperature of inside lamp, it ensures the LED long life-span.
- The surface of radiator is treated by antiseptic and anodic oxidation; with compact structure and aesthetic appearance.
- Environment-friendly, no air pollution, no lead-free, no-mercury

Model	Voltage	power	Lumen	CRI	Ip rate
HB-I-60	110 – 220 volt	60 watt	4800	>75	IP66
HB-I-90	110 – 220 volt	90 watt	7200	>75	IP66
HB-I-120	110 – 220 volt	120 watt	9200	>75	IP66
HB-I-150	110 – 220 volt	150 watt	11600	>75	IP66

-Start without delay and flicker free.
Wide radiation angle, huge lighting area.
High efficiency and power factor LED driver.
Die-casting aluminum casing and high intensity toughened glass cover.
High shock & vibration resistant and ideal heat dissipation design.
Energy saving system, saving 70% energy than the conventional Metal halide lamp, Sodium Light.

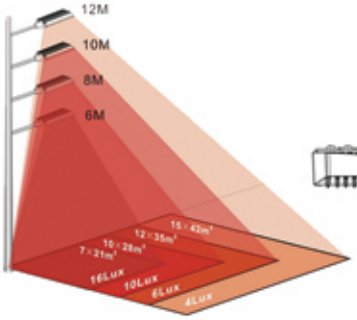


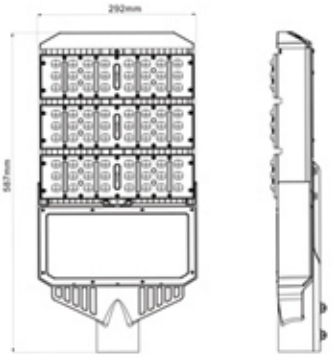


Street lighting

Product Detail:

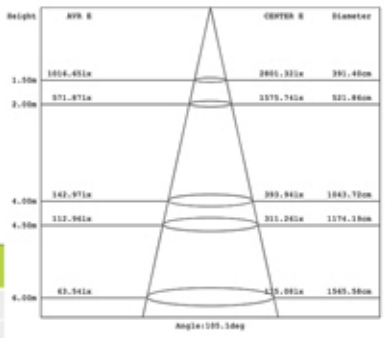
- LED Brand: BRIGELUX
- Lamp efficiency: 92-95LM/W
- Input voltage: AC 85-265V
- Beam angle: 140°X 75°
- Power Factor: >0.96
- Waterproof: IP65
- Color Rendering Index (CRI) : >75





Product Features :

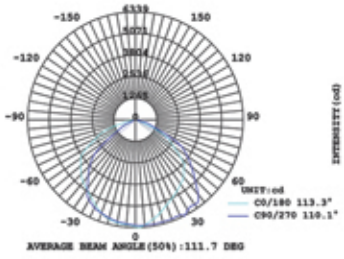
1. More than 70% energy saving
2. All aluminum housing for the heat dissipating greatly is extending the life span of lighting source.
5. Free of dust and water, suitable for outdoor, IP65.
6. High quality power supply, reliable and stable
7. Automatically reduce current against overheating temperature
8. Processed by painting treatment and anodic oxidation, solid and corrosion resisting.
- The surface of radiator is treated by antiseptic and anodic oxidation; with compact structure and aesthetic appearance.
- Environment-friendly, no air pollution, no lead-free, no-mercury

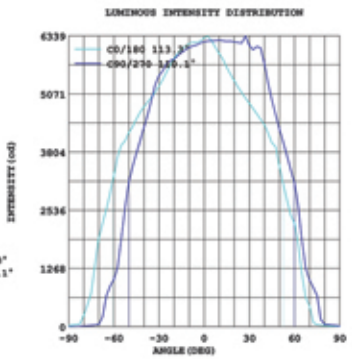


Model	Voltage	power	luminous	CRI	Power factor	Size
SJ0464 60	Ac 120 :240	60 watt	5520	>75%	>95%	L292*W495*H98
SJ0464 90	Ac 120 :240	90 watt	8280	>75%	>95%	L292*W585*H98
SJ0464 120	Ac 120 :240	120 watt	11040	>75%	>95%	L292*W679*H98
SJ0464 150	Ac 120 :240	150 watt	1380	>75%	>95%	L292*W771*H98

Application:

LED Street Light is available for Main Road, Sidewalk, Square, School, Park, Garden, Factory, Residential Places, Villa and many other projector lighting places.





LED Brand:

Candel light

LED candle lamp,the lamp body is made of aluminum aluminum alloy,precision CNC machining,advanced anodizing processing,sophisticated technology,beautiful appearance,
excellent performance of heat dissipation.
The light source adopts imported super-bright small power LED chip,color uniform,consistent with IES LM-80 and light energy star standards.
The glass shade matching,good light transmission,light effect is good.A built-in standard constant current driving,advanced circuit design,stable pertormance long life.
It can replace the traditional incandescent lamp light source.
Applications:Hotel,bazaar,brand chain stores,home furnishing and interior lighting and matching decorative lamps.

5730 CHIP SAMSUNG — **POWER 4W**

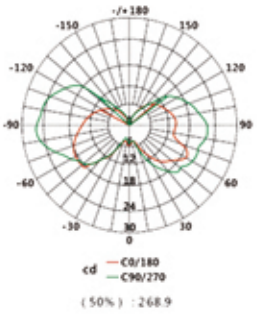
Product Notes

Material: Aluminum
Input voltage: 85~265V AC 50/60Hz
Luminous Flux: 290 lm
Ambient Temperature: -20°C~40°C
Base E14

5730 CHIP SAMSUNG — **POWER 5W**

Product Notes

Material: Aluminum
Input voltage: 85~265V AC 50/60Hz
Luminous Flux: 370 lm
Ambient Temperature: -20°C~40°C
Dimmable
Base E14



MR 16

power	Input voltage	Color temperature	Beam Angel	Lumen	Base
5 watt	120 - 220 volt	2700 : 6500 kelvin	30 , 45 , 60	325 lm	GU 10 G5.4
6.5 watt	120 - 240 volt	2700 : 6500 kelvin	30 , 45 , 60	390 lm	GU 10 G5.4
7 watt	120 - 240 volt	2700 : 6500 kelvin	30 , 45 , 60	420 lm	GU 10 G5.4

AR 111

power	Input voltage	Color temperature	Beam Angel	Lumen	Base
12 watt	120 - 220 volt	2700 : 6500 kelvin	26 , 36 , 45	900 lm	GU 10 G5.4
18 watt	120 - 240 volt	2700 : 6500 kelvin	26 , 36 , 45	1200 lm	GU 10 G5.4
20 watt	120 - 240 volt	2700 : 6500 kelvin	26 , 36 , 45	1400 lm	GU 10 G5.4

T8 & T5

LED
www.electro-led.com

Low energy consumption, saves 60% power comparing conventional lights
Equal the florescent tube but with No UV or infra-red radiation, no mercury or ead, eco-friendly, no danger of broken glass
No need for starter and ballasts, instant soft-start, no speckle, no flickering, no humming, no buzzing, no RF interference
High temperature resistant housing for safety
Many sizes available from 60 cm to 120 cm

Bulbs

When you think LED light bulbs, think LED replacement bulbs bring energy savings to a variety of lighting applications for your home. Our wide range of product offerings reduce energy consumption up to 80% compared to incandescent bulbs of the same brightness. Whether it's for your table lamps, chandelier, indoor or outdoor floodlights, we've got LED light bulbs for your home.
We have many kind of blubs for calendars and spot lighting and for outdoor fixtures and for outdoor gardens with many varieties of watt power from 3 watt to 25 watt

watt	Length	voltage	Base	Chip	Power factor	Color temperature	Lumen	CRI
9W	600 mm	AC110-240V	E27	Epistar	>0.9	3000 : 6000	650±10%	Ra>70-80
12W	1200 mm	AC110-240V	E27	Epistar	>0.9	3000 : 6000	900±10%	Ra>70-80