



SUPERNOVA INTERNATIONAL

Expert on LED street light, LED floodlight LED high bay
Adopted Osram & Philips leds with Meanwell drivers
with longer life and uniformed light distribution

SHENZHEN SUPERNOVA TECHNOLOGY CO., LTD is leading LED outdoor light manufacturer & supplier was established in 2008 with more than 220 employees that is located in the fast growing city Shenzhen China. Our company began manufacture LED floodlight & LED high bay light at the early development during 2008-2011. With development and experience accumulation, Now we mainly focus on outdoor led street light manufacturing, Meanwhile provide OEM & ODM services for customers to manufacture finished products and semi finished products. with strong enthusiastic and passionate R&D team of professionals with years of experience on LED lighting technology and products, which can guarantee its best quality

Accumulating profound knowledge and experience in die casting aluminum, Extrusion aluminum, Cold Press aluminum, Die casting stainless steel, Forge aluminum, Forge red copper and Brass technique, CNC machined process and all kinds of surface process, providing unique products and services

For our finished products led street light & led high bay light, we provide the best solution in the market with Philips & Osram 3030 LEDs with meanwell drivers to ensure its long lifespan. Certificated CE Rohs & FCC, TUV and SAA is now under applying, offer 3 years guarantee for all the finished products

Supernova believes that the key to success in its industry is constant innovation, and pursuant to that belief the company never ceases converting its new ideas into concrete designs. Inspired by the beauty of nature and the latest LED technology , Supernova Creates a timeless presence design with its sensual minimalism and simplicity of the Modern Design. Supernova Lighting features the advantages of latest LED technology to create a better quality of lifestyle with respect to the environment and sustainable development for the next generations



SUPERNOVA

Light Engines



LED Flood Light



Products introduction:

- (1) special heat dissipation technology which can transmit and radiating heat with high performance. High heat radiating technology to reduce led body temperature. The working time of led source and driver has been extend in this way.
- (2) Adopt Philips & Osram 3030 LEDs which with high lumens efficiency. the product is high quality.
- (3) The surface of heatsink was treated with anodic oxidation technology.
- (4) This product doesn't contain lead, mercury and other pollution elements. it's environment friendly product.
- (5) this product's CRI is high than normal floodlight product. the physical color rendering more real, a variety of light colors optional, to meet the needs of different environments, eliminating the traditional lamp color temperature is high or low depressed mood, the visual comfort, improve people's efficiency.
- (6) 60-70% energy saving than traditional lamps
- (7) High PF value, more than 0.95, in order to improve their energy usage rate, reduce the loss, reduce the harmonic pollution of the power network, reducing the power load.

Floodlight	10W	30W	50W	100W	200W
Chip brand	Osram & Philips 3030	Osram & Philips 3030	Osram & Philips 3030	Osram & Philips 3030	Osram & Philips 3030
Input voltage	95-305V AC	95-305V AC	95-305V AC	95-305V AC	95-305V AC
Heatsink Weight	0.6KG	1.3KG	1.8KG	5.4KG	9.8KG
Housing Size	18.5*13.5*6.8CM	22.5*18.5*8.8CM	31.5*26*14.5CM	30.5*25*12.5CM	48*42*24.5CM
Inner box	21*14*8CM	25.5*23*12.5CM	77.5*53*33.5CM	38*32.5*24.5CM	48*42*24.5CM
Outer Carton	43.5*30*44.5CM /20pcs	55*46*40.5CM/1 2pcs	250*250*350m m/10pcs	68.5*39.5*53 CM/4pcs	48*42*24.5CM/1p c
Prices UL Driver	US\$10.89	US\$23.91	US\$37.26	US\$79.35	US\$153.61
Prices Meanwell	None	None	US\$52.13	US\$95.72	US\$172.16

LED High bay light

50-300w High bay light, luminous efficiency > 105lm/w. Using high quality Meanwell driver, power factor > 95. Double protection of waterproof rubber gasket and total waterproof driver. IP rating: 65, suitable for outdoor using. Warm white, pure white, cool white of CCT 2700-8000K optional. Extra aluminum reflector ensures high lighting efficiency. CE, Rohs certificates.

Adopt Osram and Philips 3030 LEDs as light source. Luminous flux can be 140Lumens/watt, The Light efficiency on finished product can be 100-110Lumen/watt, Osram LED PCB board is bigger size than the conventional Cob LEDs, which ensure the ideal heat dissipation, Junction temperature can be controlled as low as 65 degrees, meanwhile the lifespan prolong up to 60,000 hours.



PHILIPS
OSRAM 3030



High performance LED high bay luminaires designed specifically to upgrade traditional sodium and HID lighting in a wide variety of commercial applications, both indoor and outdoor. With a low profile light weight design and adaptable installation options making it ideal for a range of venues such as high/low bay lighting, logistic centres, large retail stores, production lines, exhibition halls, warehouses, factories, cold stores, restricted access areas and service areas. All are weatherproofed for outdoor use and IP66 rated so can be utilised as a high output external LED flood light using an optional mounting bracket.

These LED high bay lights are designed to conform to the most demanding specification criteria while offering maximum energy savings, reduced maintenance costs, and a superior quality of light. All have long warranties and a rated operational life of more than 50,000 hours, or more than 11 years if it is used 12 hours per day!

Philips 3030 LED High bay

COB LED High Bay

Specifications:

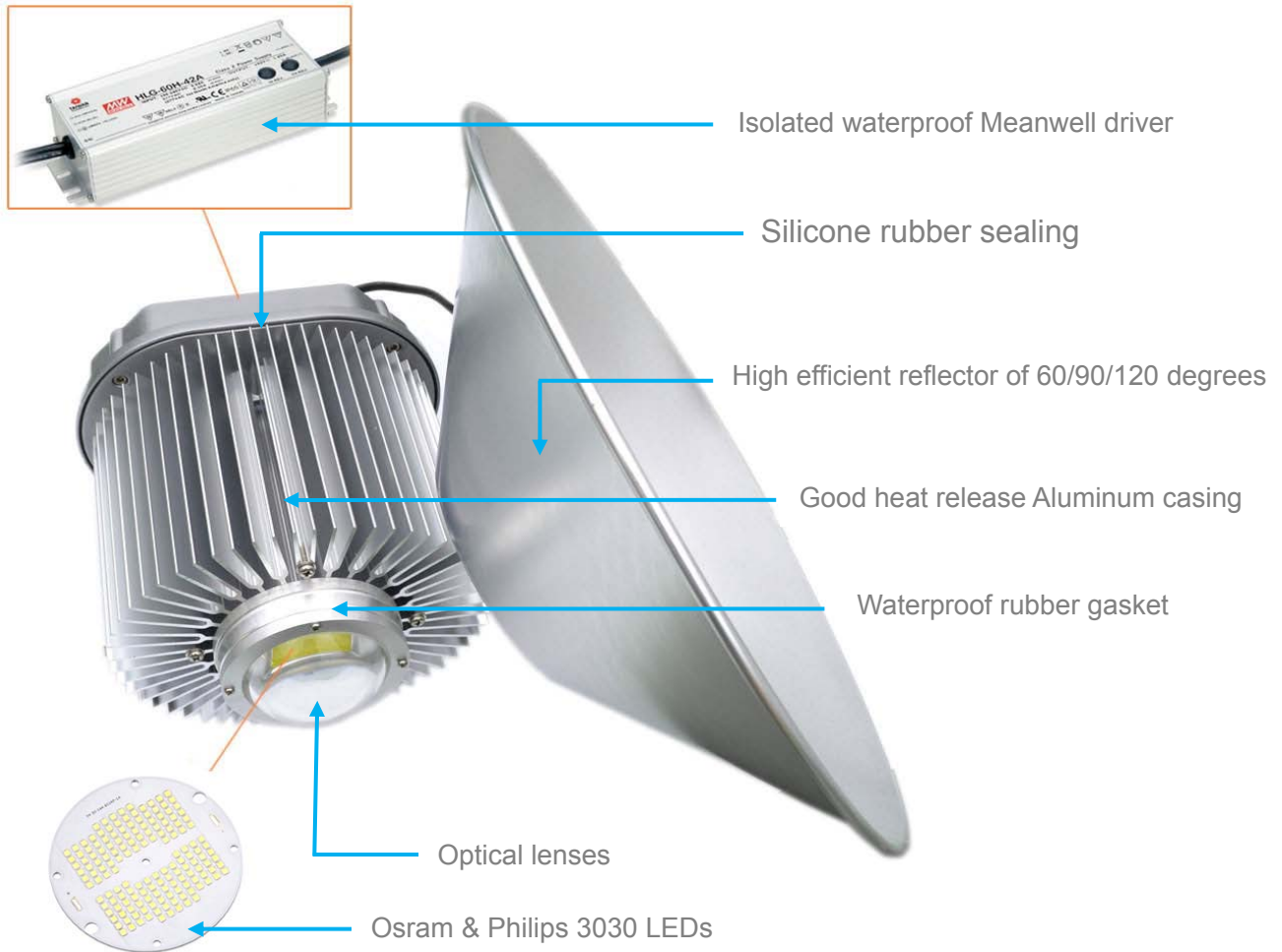
Light Source: Osram & Philips 3030 LEDs
 Power Consumption: 50-300 Watt
 Operating Voltage: AC95V~305V 47~63Hz
 Power Factor: >95% At Full load 115Vac/230Vac
 Lumens Per Watt: 100 Lms./ Watt
 Beam Angle: 120°/90°/45°
 LED Colours: warm white/Natural white/cool white
 Rendering Index: >80 CRI
 Lifespan: 50,000Hours
 Working Temperature : -40°C~60°C
 IP Rating: IP65 Waterproof
 Material Fixture: Extruded Aluminium



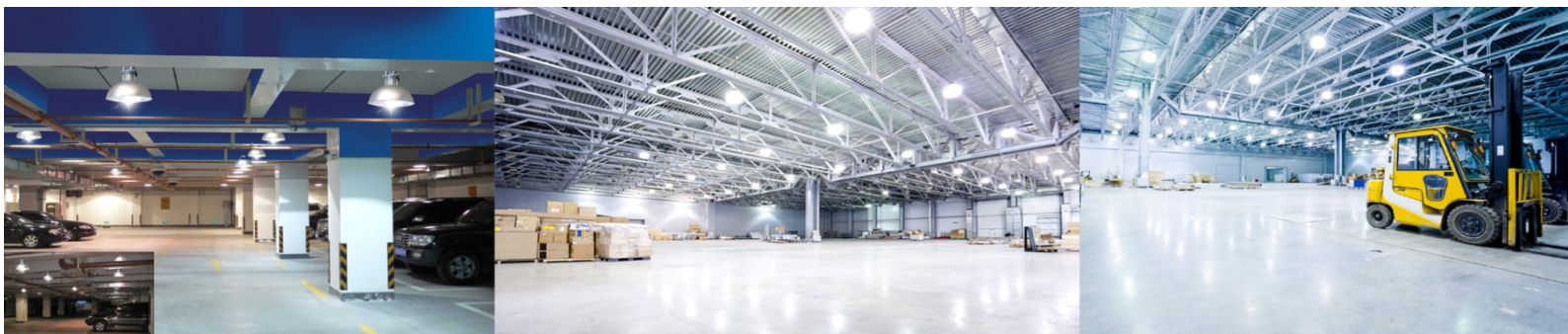
Parameters & prices

LED High Bay	80W	100W	150W	200W
Chip brand	Osram & Philips 3030	Osram & Philips 3030	Osram & Philips 3030	Osram & Philips 3030
Input voltage	95-305V AC	95-305V AC	95-305V AC	95-305V AC
Power factor	>0.95	>0.95	>0.95	>0.95
Emitted color	2500-8300K	2500-8300K	2500-8300K	2500-8300K
Viewing angle	45° / 90°/120°	45° / 90°/120°	45° / 90°/120°	45° / 90°/120°
Luminous intensity	7200-8500 LM	9500-10500 LM	14500-15500 LM	19500-20800 LM
Heatsink Weight	5.5KG	5.8KG	5.1KG	6.6KG
Heatsink Size	Φ160xH150mm	Φ160xH180mm	Φ240xH100mm	Φ240xH150mm
Packing Size	250*250*315mm	250*250*350mm	255*255*320mm	255*255*370mm
Prices UL Driver	US\$74.26	US\$82.83	US\$118.42	US\$148.65
Prices Meanwell	US\$84.65	US\$97.52	US\$128.71	US\$168.62

High bay Light



Application Cases:



Heatsink packing:



Reflectors packing:

Reflector Angle	120°	90°	45°	45° PC
Reflector Picture				
Reflector box size	530*530*250MM	530*530*340MM	440*440*400MM	470*470*400MM
QTY	10pcs	10pcs	10pcs	10pcs
Reflector NW	≈8KG	≈10KG	≈8KG	≈9.5KG
Reflector GW	≈8.5KG	≈10.5KG	≈8.5KG	≈11KG

- Remarks:
- 1.Price FOB Shenzhen
 - 2.Osram & Philips 303 leds ,CREE XTE leds with Mean well drivers
 - 3.CE & Rohs ,TCC SAA TUV certificated with 3 years warranty
 - 4.Please specify the color & beam angle before ordering
 - 5.Delivery time : sample order 2-3 days, bulk order 7-15 days

1W High Power Series



LED STREET FEATURES:

Available Wattage: 50W /90W/ 120W / 150W / 200W

Input Voltage: 85 – 265VAC

LED Chip: 1W high power LED

LED Drivers: Taiwan Meanwell

Total Harmonic Distortion: $\leq 9\%$

Power Factor: >0.95

Beam Angle: 120°

Colour Rendering Index: ≥ 80 (PW, CW)

Colour Temperature: 2700 / 4000 / 6000

Operating Temperature: $-25^\circ\text{C} \sim 65^\circ\text{C}$

Life: > 50000 Hours

Warranty: 3 Years

LED STREET LIGHT FULL DESCRIPTION:

- Use high brightness 1W high Power LED as light source, constant current at low voltage
- Use high heat conduction aluminum alloy as material of lamp body, surface coating with high radiating material at static condition
- Reasonable structure, good at cooling, corrosiveproof, dustproof and so on. With special twice integrated optical lens, high transmittance, large beam angle, reasonable distribution
- Illuminance is more uniform, so improve the light efficiency and achieve the purpose of energy saving.
- For LED high heat dissipation requirements, radiator and lamp integration design, the fin needle type cooling method, the heat radiating area is large, the space is adequate, effective control on Light failure, ensure the LED road lamp efficiency, reliability and lifespan

Bridgelux 1W high power LEDs with UL Listed drivers (meanwell Driver Optional)

Model No.	Watts(W)	Light Output(lm)	Dimension(mm)	N/weight	Packing (MM)	UL Driver	Meanwell
SV-STH60W	70 \pm 3	7200 \pm 5%	497*280*105	5.5KG	540*340*180	\$87.24	\$93.55
SV-STH90W	100 \pm 4	12100 \pm 5%	581*280*105	6.4KG	615*340*180	\$109.23	\$117.15
SV-STH120W	120 \pm 4	13300 \pm 5%	665*280*105	7.4KG	710*340*180	\$128.81	\$143.19
SV-STH150W	150 \pm 5	16100 \pm 5%	665*280*105	8.4KG	795*340*180	\$154.53	\$161.75
SV-STH180W	180 \pm 5	19200 \pm 5%	749*280*105	9.4KG	875*340*180	\$178.16	\$186.71

STCOB Series



LED street light Features:

Available Wattage: 50W /100W/ 120W / 150W / 200W

Input Voltage: 90-305VAC

LED Chip: Osram & Philips 3030 LEDs

LED Drivers: Taiwan Meanwell

Total Harmonic Distortion: ≤9%

Power Factor: >0.95

Beam Angle: 120°

Colour Rendering Index: ≥80 (PW, CW)

Colour Temperature: 2700 / 4000 / 6000

Operating Temperature: -25°C ~ 65°C

Life: > 50000 Hours

Warrantv: 3 Years

Advantages of solar LED street lighting

- Creative design ensure an ideal uniformity of brightness on the road surface
- Input Voltage 85-264VAC full voltage range constant, Be used Worldwide
- Intelligent constant Current Control ensure the LED can work under the secure current
- Designed for tropical locations - flat panel maximizes energy collection
- Superior brightness - wider spacing of light; lower project cost
- No maintenance on LEDs - reliable long life
- Reliable multiple nights of back-up energy
- No electrical costs - powered by the sun
- LED street lights last a long time (15 years)
- Bright (5,000K) white light increases ability to see clearly at night
- LEDs are highly durable (no bulbs to break)
- LEDs have more lumens/watt, Up to 140Lumen per watt
- Tremendous Energy Saving with 50-70% energy reduction compared to HPS
- LEDs turn on and off instantly with no warm-up period

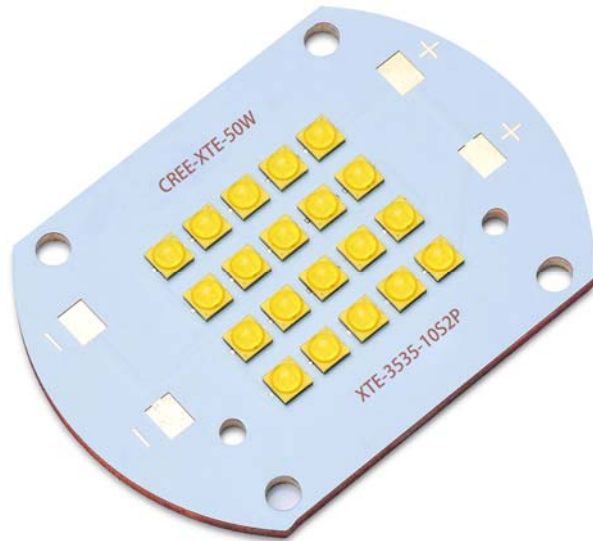
Osram or Philips 3030 LEDs with UL Listed drivers (meanwell Driver Optional)

Model No.	Watts(W)	Light Output(lm)	Dimension(mm)	N/weight	Packing (MM)	UL Driver	Meanwell
SV-STC50W	50±2	5100±5%	436*280*105	4.8KG	470*330*180	\$72.13	\$75.06
SV- STC100W	100±4	11500±5%	544*280*105	6.2KG	585*330*180	\$106.12	\$119.17
SV- STC150W	150±5	15500±5%	652*280*105	7.8KG	695*330*180	\$135.44	\$139.44
SV- STC200W	200±6	21400±5%	760*280*105	8.9KG	805*330*180	\$165.04	\$185.04



LED STREET FEATURES:

Available Wattage: 50W /100W / 150W
 Input Voltage: 90 – 305VAC 47-63HZ
 LED Chip: Osram /Philips/CREE
 LED Drivers: Taiwan Meanwell
 Total Harmonic Distortion: ≤9%
 Power Factor: >0.95 At full load
 Beam Angle: 120°
 Colour Rendering Index: ≥80 (PW, CW)
 Colour Temperature: 2700 / 4000 / 6000K
 Operating Temperature: -25°C ~ 65°C
 Material Fixture: Die Casting Aluminium
 Lifespan: > 50,000 Hours
 Warranty: 3 Years



CREE XTE LEDs with UL Listed drivers (meanwell Driver Optional)

Model No.	Watts(W)	Output(lm)	Dimension(mm)	Net weight	Packing(MM)	UL Driver	Meanwell
SV-STCBR50W	50±2	5100±5%	540*255*100 MM	3.95KG	560*270*115 MM	\$61.17	\$72.03
SV-STCBR100W	100±4	11100±5%	660*255*115 MM	5.3KG	680*265*122 MM	\$88.02	\$106.65
SV-STCBR150W	150±5	15100±5%	795*310*120 mm	9.3KG	815*320*135 mm	\$127.52	\$139.39

Sword COB Series



LED STREET FEATURES:

Available Wattage: 50W / 100W / 150W

Input Voltage: 90 – 305VAC 47-63HZ

LED Chip: 1W high power LED

LED Drivers: Taiwan Meanwell

Total Harmonic Distortion: ≤9%

Power Factor: >0.95 At full load

Beam Angle: 120°

Colour Rendering Index: ≥80 (PW, CW)

Colour Temperature: 2700 / 4000 / 6000K

Operating Temperature: -25°C ~ 65°C

Material Fixture: Die Casting Aluminium

Lifespan: > 50000 Hours

Warranty: 3 Years

Engineered from the base up with environmental consciousness and energy

efficiency in mind, LIGMAN's PowerMission series, developed specifically to fulfill the demanding conditions of road and street lighting applications, are highly flexible and can be easily retrofitted onto existing street lighting infrastructure making it a state-of-the-art technology that is practical and affordable.

Industry leading optical technology that minimizes light pollution and optimizes light distribution ensures that only the targeted areas are illuminated, reducing unwanted light trespass and sky glow. This characteristic ensures PowerMission's compliance to the Dark Sky requirements.

A high quality die-casted aluminum casing not only houses the control gear and the light modules but it also acts as the primary thermal management device, eliminating the need for additional and sometimes bulky heat sinks while improve overall performance and extending the life span of the LEDs.

Osram or Philips 3030 LEDs with UL Listed drivers (meanwell Driver Optional)

Model No.	Watts(W)	Output(lm)	Dimension(mm)	Net weight	Packing(MM)	UL Driver	Meanwell
SV-STSWD50W	50±2	5100±5%	500*215*85MM	5.35KG	515*230*95	\$52.08	\$58.61
SV-STSWD100W	100±4	11100±5%	703*280*120MM	6.8KG	720*290*135	\$79.06	\$94.57
SV-STSWD150W	150±5	15100±5%	880*340*120mm	7.8KG	905*350*130	\$117.55	\$123.02

DC/12V/24V SOLAR STREET LIGHT



LED STREET FEATURES:

Available Wattage: 30W / 40W / 50W

Input Voltage: DC12V/24V

LED Chip: Bridgelux COB LED

LED Drivers: Waterproof UL Listed driver

Total Harmonic Distortion: ≤9%

Power Factor: >0.95 At full load

Beam Angle: 120°

Colour Rendering Index: ≥80 (PW, CW)

Colour Temperature: 2700 / 4000 / 6000K

Operating Temperature: -25°C ~ 65°C

Material Fixture: Die Casting Aluminium

Lifespan: > 50000 Hours

Warranty: 3 Years

Osram or Philips 3030 LEDs with UL Listed drivers (meanwell Driver Optional)

Model No.	Watts(W)	Light Output(lm)	Dimension(mm)	Net weight	Packing(MM)	UL listed driver
SV-STCSL30W	30±2	3050±5%	530*242*142	5.35KG	550*260*152	\$39.95
SV-STCSL40W	40±4	4100±5%	530*242*142	5.35KG	550*260*152	\$52.71
SV-STCSL50W	50±5	5200±5%	530*285*142	6.5KG	545*295*152	\$58.13

OUR STRATEGIC COOPERATIVE PARTNERS

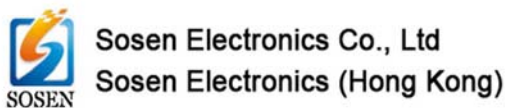
■ LED light source



The Magic of Light®



■ LED driver power supply



■ Thermally Conductive Silicone grease



shin etsu silicone grease