

Snowball Lighting Limited

INDUSTRIAL LIGHTING

LED STREET LIGHT SERIES

LED STREET LIGHT

The modern design and advanced engineering of this LED street lights are transforming the urban land-scape. High light intensity, even illumination, and the ability to control beam angles through interchangeable optics and lenses, all combine to revolutionize traditional approaches to street-lighting schemes.

Maintenance is exceptionally low compared to conventional high intensity discharge(HID) lamps such as SON and metal halide, which has a significant impact on both labour and health and safety issues in public thoroughfares or highways. They consume far less electricity than their traditional equivalents, and energy savings can be as much as 65% (dependents on the technology being replaced).

SB-ST/T2

STREET LIGHT 2 SERIES

INDUSTRIAL RANGE

PRODUCT APPLICATIONS



ST2 series LED street lights from Snowball combine contemporary design with advanced engineering to replace traditional high intensity discharge (HID) lamps such as high pressure sodium and metal halide. Also suitable for public walkways, parking lots, shopping plazas and as architectural feature lights the fixtures are available in a variety of different colour temperatures and beam angles.

I10~I30LM/W

Suitable for wet location



Angle Adjustment Adapter (Optional)

120° adapter provides a number of different angle options maximizing light output where required.



Heat Dissipation

The vented thermal structure of the fixture provides cross-ventilation to improve heat dissipation and performance.



IP65 Housing

Utilizing waterproof connectors and a silicon rubber sealing IP65 ratings can be achieved for water and dust proofing in harsh environments.



Meanwell Driver

7 year warranty, isolated, waterproof Meanwell HLG driver, with high PF and efficiency.



PC Lens

15°/25°/40°/ 60° /90°/120° beam angles available. The lens has a UV filter with strong anti-impact properties that provides excellent weather resistance and protects against yellowing.



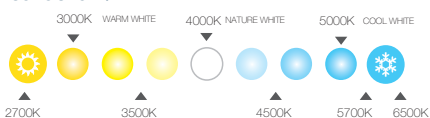
CREE Chips

High brightness Cree SMD XPG-2 with a high lumen maintenance rate, provide excellent efficiencies at 110~130 lm/W and a long fixture life expectancy 62,000 hours. Delivers 90% of initial lumens at 36,000 hours.

Specifications

Model	SB-ST/T2/50W	SB-ST/T2/100W	SB-ST/T2/200W
Wattage	50 W	100 W	200 W
Lumen	5,900 lm	12,000 lm	24,500 lm
Dimension	L11.5" x W112.0" x H5.0"	L15.1" x W12.0" x H5.0"	L22.4" x W12.0" x H5.0"
Volts	100-277V AC 50/60Hz		
Warranty	7 Years		

COLOURS AVAILABLE



CERTIFICATES



SB-ST/T2/100W

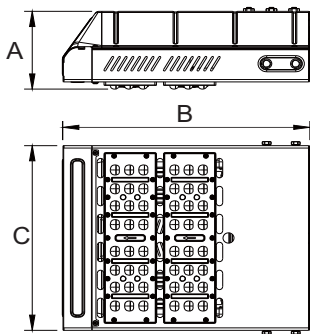
STREET LIGHT 2 SERIES

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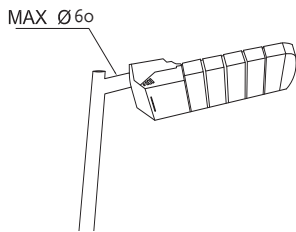


ADAPTER AVAILABLE



	MM	INCH
A	128	5.0
B	384.2	15.1
C	304	12.0

SUITED POLE $\Phi 60\text{mm}(\Phi 2.4\text{in})$



4.26 kg
9.39 lb

DESCRIPTION

ST2 series LED street lights from Snowball combine contemporary design with advanced engineering to replace traditional high intensity discharge (HID) lamps such as high pressure sodium and metal halide. Also suitable for public walkways, parking lots, shopping.

QUICK SPECIFICATIONS : 7-Year warranty

Beam Angle	: 150 ° * 90 °
Consumed power	: 100W
AC Input	: AC100-277V 50/60Hz
Power Factor	: ≥ 0.90
CRI	: ≥ 70
Suitable for	: wet location

Non-Dimmable

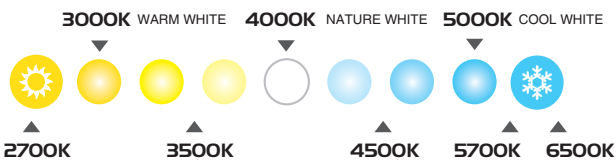
SERIES	MODEL	POWER	ORDER CODE	KELVIN	LUMEN
T2 Series	SB-ST/T2/100W	100W	1080210001	3000K	11,500lm
			1080210002	4000K	12,000lm
			1080210003	5000K	12,500lm

3in1 Dimmable

Built-in 3 in 1 Dimming function, 1-10Vdc or PWM signal or resistance

SERIES	MODEL	POWER	ORDER CODE	KELVIN	LUMEN
T2 Series	SB-ST/T2/100W/3D	100W	10802100013D	3000K	11,500lm
			10802100023D	4000K	12,000lm
			10802100033D	5000K	12,500lm

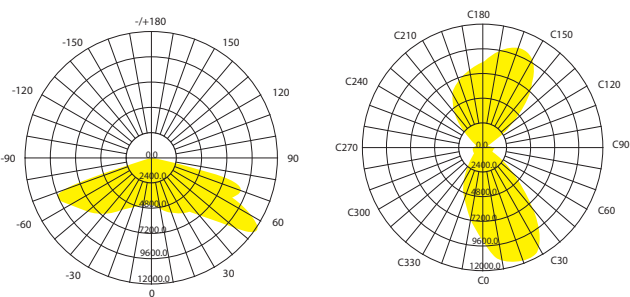
COLOURS AVAILABLE



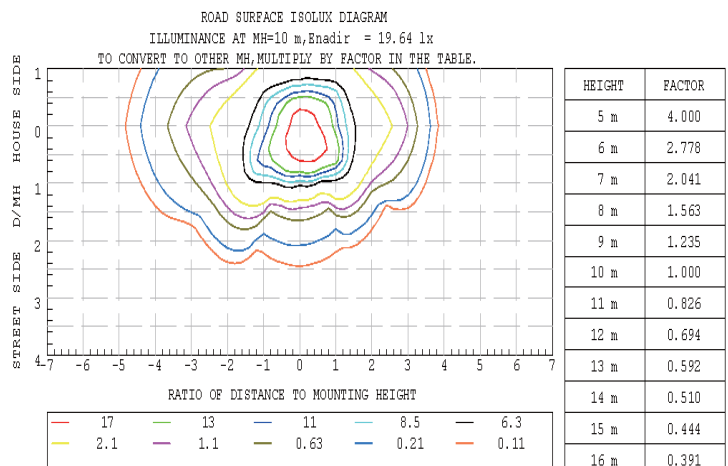
CERTIFICATES



POLAR CURVE DIAGRAM



ILLUMINANCE CONE DIAGRAM





Installation diagram

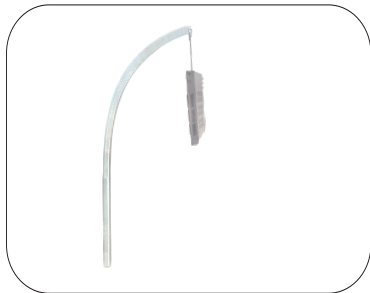
These instructions should be read carefully and retained after installation for further reference and maintenance.

SAFETY:

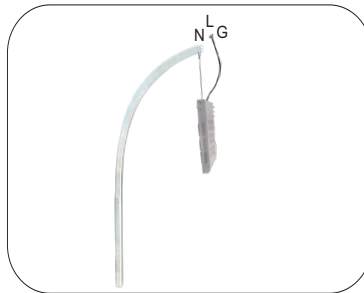
1. Please read the specification first, to make sure the service environment matches the condition in the specification before using.
2. Make sure the switch of product is off before connecting to the power supply to prevent electric shock.
3. Operation against rules of product is off before connect to the power supply to your personal safety.
4. Dangerous high voltage, Non-professionals are not allowed to maintain the products.
5. If the exterior flexible cable is damaged, it must exchange by the supplier, agent or other similar qualified personnel.

WARNING:

1. Ensure the luminaire is switched off & suitably cooled down before carrying out any maintenance work.
2. MIN 90 °C SUPPLY CONDUCTORS
3. SUITABLE FOR OPERATION IN AMBIENT NOT EXCEEDING 40 °C (50W/100W)
4. SUITABLE FOR OPERATION IN AMBIENT NOT EXCEEDING 35°C (200W)
5. SUITABLE FOR WET LOCATIONS
6. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATIONS CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED
7. All components in the luminaire shall not be replaced or serviced.



1. Fasten the safety rope to the pole, hold the light.



2. Connect the wire to the electricity supply, make sure the L/N/GND connect correct.



3. Put the light install hole on the pole.



4. Lock the screws of the light back, fix the light, and remove the safety rope.



5. Loosen the screw of the adapter middle part, turn the light to the suitable angle, lock the screw, done.