

# Brilliance Solar **STREETLIGHT**



## PRODUCT OVERVIEW

The **AL TSA Brilliance STREETLIGHT** utilises Bridgelux LED technology, which provide extreme lumen output and long lasting stability. It is designed to withstand extreme weather conditions with it's fully IP66 rated casing. These luminaires incorporates a monocrystalline solar panel and MPPT tracking ensuring a 20% increase in charging efficiency over PWM modules. Lithium Ion Phosphate batteries ensure longer lifespan and increase in charging cycles. It also incorporates a second generation energy management system, extending battery life. SMD LED chips increases luminous efficiency. The luminaire uses an independent aluminium heatsink, keeping temperature rise as low as 20°C. Motion sensor and photocells are used to extend working time by incorporating curve dimming. Easily installed, serviceable and with virtually no maintenance ever.

*Extreme Luminous Efficiency (>120lm/W), Extreme Life Expectancy, 5Year warranty*

## APPLICATIONS

Roads	Industrial Complexes
Estates	Parking Areas
Warehouses/Factories	Shipping Yards

## FEATURES

Water, Dust, Damp & Pressure Proof	Charging Time: 6 Hours
High Luminous Efficiency (>120lm/W)	Discharge Time : 10 Hrs Full power
Excellent heat dissipation	Discharge Time: 30 Hrs Standby
Easy Installation	Aluminium Alloy Heatsink
Monocrystalline Solar Panel	5 Year Warranty
MPPT Tracking	Operating Temperature: -20°C - 50°C

## TECHNICAL DATA

MODEL	POWER (W)	LUMEN (lm)	PV PANEL	CCT (K)	CRI	VIEWING ANGLE
BLSS15	15W	1725	25W	3000-6000K	>70	120°
BLSS30	30W	3450	50W	3000-6000K	>70	120°
BLSS60	60W	6900	100W	3000-6000K	>70	120°
BLSS80	80W	9200	140W	3000-6000K	>70	120°

## DIMENSIONS (mm)

MODEL	BLSS15	BLSS30	BLSS60	BLSS80
Length	680mm	1010mm	1200mm	1400mm
Width	398mm	446mm	580mm	628mm
Weight	9.0kg	16.0kg	23.5kg	28.5kg

## PHOTOMETRICS

