

ALL IN ONE SOLAR STREET LIGHT

SPECIFICATION

(EBM SERIES)



SASO UN38.3 IP66



Product Name	BM Series
Model Number	EBM-80
Version Number	A version
Valid From	2018 / 1 / 01

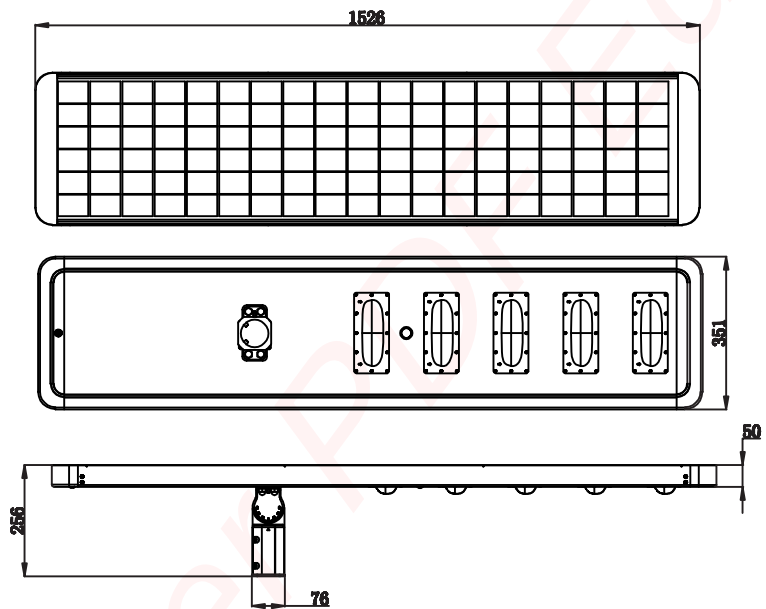
Parameters

LED Chip	EBM-80
Model No	Seoul/Nichia
Color Temperature	5000K-6500K
Light Output	80W
Light Efficacy	10000 lm
Solar Panel Power	90W
Solar Panel (conversion rate)	18%
Charging Time	10-11 hours(6-7 hours full bright sun)
Working Time	Bright mode: 18 hours; DIM mode: 36 hours (3 rainy days backup)
DIM Mode	First 3 hours: full brightness, Last 9 hours in dimmable mode (6000lm with people, 2000lm without people)
Beam Angle	157*60 degree
Lamp Angle	Ajustable multiple angles
Recommended Installation Height	8-10 meters
Recommended Installation Distance	25 meters
Required Pole Size	60mm(top end)
Battery	583WH
Warranty	3 years
Working Temperature	-20 degree to 60 degree

Features

- EMS Energy management sysetem,ensure 10 rainy day back up.
- Built-in MPPT technology to track the maximum sun for quick charging.
- 18 hours full brightness after full charge, or 36 hours in dimming mode.
- Pure aluminum extruded housing ,battery replaceable design.
- IP66 Waterproof and pass 16 grade wind proof test .
- Up to 9400 lumen(60W) High efficacy Nichia LED chip, 60000 hours/10 year lifetime.
- Adjustable multiple installation angles either for straight single arm pole or curve double arms.
- 3 year warranty, 6 years long lifetime battery, no problem with working in 50 degree ambient temperature.

Product Appearance



Applications

Widely used in the road, street, and factory, park road, rural, mountainous area and the remote area lighting project, courtyard, schools, square and other need to place for outdoor lighting.

