

DESCRIPTION:

External garden or walkway Solar Powered mini bollard, Boundary wall luminaire.

Body made of die-cast aluminium with polyester powder coated painting.

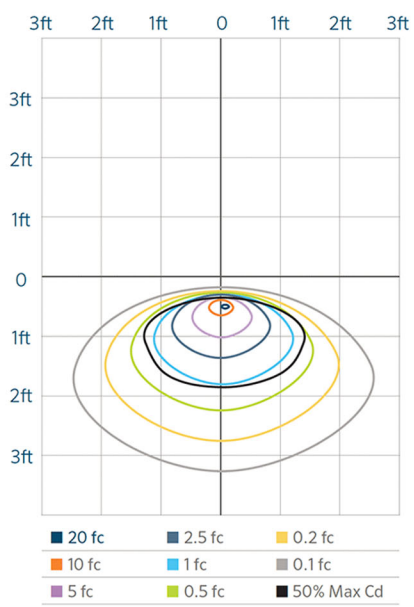
Polycarbonate prismatic, opal diffuser Uv stabilized Reflector made of anodized aluminium (LEDB002)

Solar panel sequence EVA - TPT/BBF- Li-ion Battery (18650-Cylindrical)

Auto switch on/off detector

- Heat resistant internal wiring
- Polarity reverse protection
- Ideal for external Garden and Area lighting
- European standard of EN 60598

Photometric Data



SOLAR VERSION

Model No:	SOLB002S	SOLB002M	SOLB002L	SOLB002XL
Power	2W LED	5W LED	7.5W LED	10W LED
LED Type	Epistar	Epistar	Epistar	Epistar
Voltage	AC220V	AC220V	AC220V	AC220V
Luminous Flux	110-120LM	110-120LM	110-120LM	110-120LM
Color Temperature	3000 - 6000K	3000 - 6000K	3000 - 6000K	3000 - 6000K
CRI	>70	>70	>70	>70
Power Factor	<90%	<90%	<90%	<90%
Battery	3.7V2200mAh	3.7V2500mAh	3.7V6000mAh	3.7V6000mAh
Beam Angle	120°	120°	120°	120°
Working Temp	-30 ~ +50°C	-30 ~ +50°C	-30 ~ +50°C	-30 ~ +50°C
Dimension	150x150x190mm	210x210x260mm	260x260x310mm	325x325x390mm
Protection	IP65	IP65	IP65	IP65
Lif Span	50000Hrs			

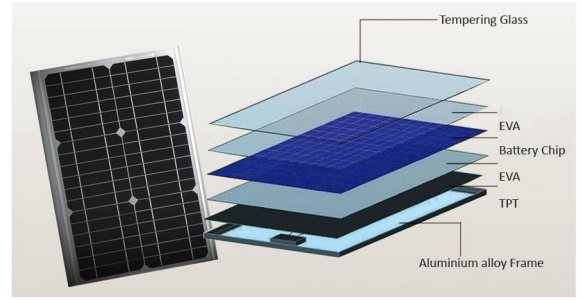
AC220-240V/50Hz VERSION

Model No:	E27B002S	E27B002M	E27B002L	E27B002XL
Power	6W	10-12W	15-18W	15-25W
Base	E27	E27	E27	E27
Lamp	LED	LED	LED	LED
Color Temperature	3000 - 6000K	3000 - 6000K	3000 - 6000K	3000 - 6000K
Dimension	150x150x190mm	210x210x260mm	260x260x310mm	325x325x390mm
Protection	IP65	IP65	IP65	IP65

LED VERSION

Model No:	LEDB002			
Power	1x3W LED	2x3W LED	1x5W LED	2x5W LED
LED Type	COB	COB	COB	COB
Voltage	AC220V	AC220V	AC220V	AC220V
Luminous Flux	110-120LM	110-120LM	110-120LM	110-120LM
Color Temperature	3000 - 6000K	3000 - 6000K	3000 - 6000K	3000 - 6000K
CRI	>70	>70	>70	>70
Power Factor	<90%	<90%	<90%	<90%
Working Temp	-30 ~ +50°C	-30 ~ +50°C	-30 ~ +50°C	-30 ~ +50°C
Dimension	100x100x150mm	100x100x150mm	100x100x150mm	100x100x150mm
Protection	IP65	IP65	IP65	IP65
Lif Span	50000Hrs			

Solar Panel Structure



Solar Module:

1. High-efficiency monocrystalline cells.
2. Used for day/night detection (No Photocell required).
3. Fully integrated into bollard housing.
4. High impact, Uv resistant encapsulation.

Battery:

1. Low temperature condition: Using colloid storage battery if the temperature is lower than -7°C.
2. High temperature condition: Using Li-ion battery if the temperature is always more than 45°C.
3. High temperature tolerance
4. Contained within bollard post.



Installation Details

