



The Shelter-Brite solar powered LED bus shelter light is an out of the box solar lighting solution that comes pre-assembled, is easy to install, and requires virtually no maintenance. It is a clean, renewable, lighting solution ideally suited for virtually any location that has no access to conventional power or where running conventional power would be cost prohibitive.

The Shelter-Brite is designed to easily mount to new or existing transit bus shelters and is the ideal solution for your agency's bus shelter lighting needs..



Applications

- Ideal for transit shelters or similar structures up to 144 square feet. The LED optical systems provide highly uniform lighting and excellent color rendering specifically designed to illuminate your structure.
- Typical applications include transit shelters, smoking shelters, pavilions, restrooms, pergolas, and mail box areas.

Housing and Bracketing

- Aluminum battery housing.
- Aluminum bracketing.
- Stainless steel tamper resistant hardware.

LED and Optical Assembly

- Structured LED lamping for optimized area light photometric distribution.
- High efficiency LED drivers.
- Utilizes bright white LEDs, 4000K.
- Vandal resistant acrylic lens.

Lumen Maintenance

- LED rating of 50,000 hours.

Ratings

- Solar module: UL, CE, IP 65, SA.
- Charge Controller: CE, RoHS.
- Battery: UR, CE.
- Connectors: UL, CE.
- Fittings: UL.
- Temperature rated at -30° to 50°C.

Run Times

- Standard: Dusk to dawn.
- Optional After Dusk Times: 2,4,6,8,10 hours.
- Optional Split Times: 3/1, 4/2, 6/2.

Special Features

- Optional momentary light test switch.

Mounting and Installation

- Designed to mount to any standard structure, can also be adapted to a variety of structure shapes and sizes.
- Simple design allows for installation by a single technician in approximately one hour.



Battery Enclosure With Integrated Fixture

Battery Enclosure Dimensions

15 in. W X 8 in. H X 3 in. D (8.5 in. overall height)

Finish

- Durable baked on powder coat finish.
- RAL and custom colors available.

Electrical

- 12 VDC.

Charge Controlling System

- PWM battery charging.
- Low Voltage Disconnect (LVD) battery protection.
- Temperature compensation.
- Automatic on/off time with automatic adjustment for seasonal changes.
- In-line protective fuse.

Solar Module

- Polycrystalline silicon cells.
- Tempered front glass.
- Anodized aluminum alloy frame.
- White PET back foil.

Battery

- No maintenance, non-spillable, valve regulated, sealed lead acid.
- 5-10 day battery reserve.

Warranty

- 5-year limited system warranty standard.

Solar Lighting of America

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