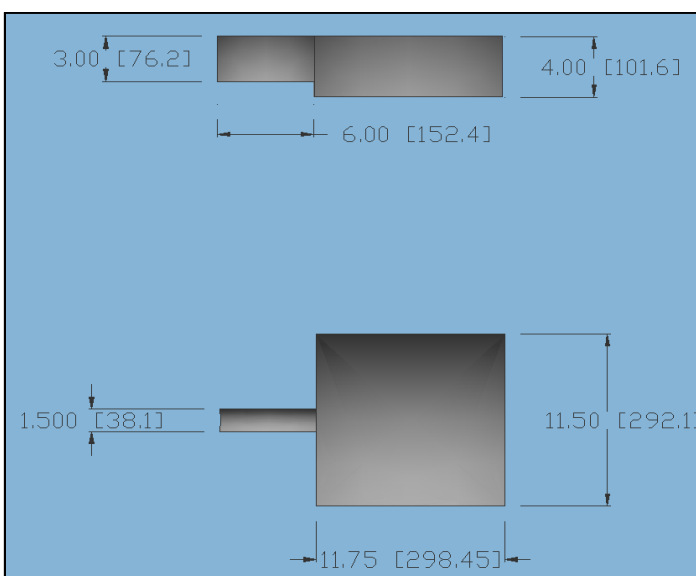




SolarOne's® Shoebox Series Overhead Light (LOS) is designed to produce highly efficient white light in a controlled distribution pattern. This results in exceptional uniformity and improved spacing. The LOS is suitable for a large variety of applications, including: pathways, sidewalks, waiting areas, low-security parking lots, and campuses.

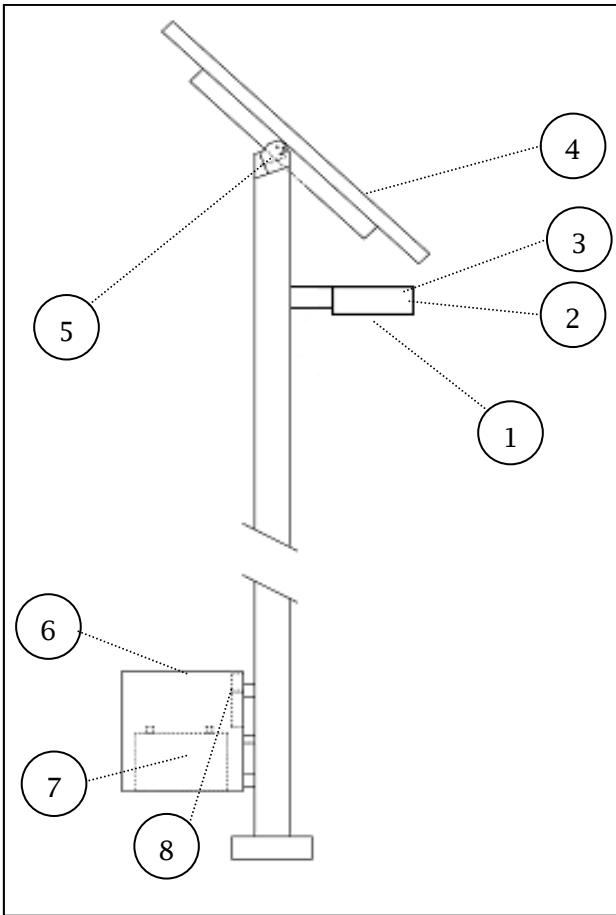
The system includes solar panel, two-axis adjustable panel mounting system, Shoebox style fixture, one to five high-efficiency LED lightbars, NEMA 3R battery enclosure, 118 or 236 amp-hour sealed battery, SO-Bright® advanced lighting controls with Max Power Tracking. Fitting can be reconfigured to complement a variety of applications, pole types and sizes.



Standard Configurations

Series	Lamps	Driver	Control(s)	Voltage	Panel(s)	Mounting	Battery	Enclosure	Pole Fitting	Finish	Options
LOS-1LB800T3-MCD-MPT-12V-P50-TP-B118CA-EM1											
LOS-1LB800T3-MCD-MPT-12V-P80-TP-B118CA-EM1											
LOS-1LB800T3-MCD-MPT-12V-P130-TP-2B118CA-EL2											
LOS-2LB800T3-2MCD-MPT-12V-P50-TP-B118CA-EM1											
LOS-2LB800T3-2MCD-MPT-12V-P80-TP-B118CA-EM1											
LOS-2LB800T3-2MCD-MPT-12V-P130-TP-2B118CA-EL2											
LOS-2LB800T3-2MCD-MPT-12V-P130-TP-4B118CA-EX4											
LOS-2LB800T3-2MCD-2MPT-12V-2P95-TP-4B118CA-EX4											
LOS-3LB800T3-3MCD-MPT-12V-P50-TP-B118CA-EM1											
LOS-3LB800T3-3MCD-MPT-12V-P80-TP-B118CA-EM1											
LOS-3LB800T3-3MCD-MPT-12V-P130-TP-2B118CA-EL2											
LOS-3LB800T3-3MCD-2MPT-12V-2P95-TP-2B118CA-EL2											
LOS-3LB800T3-3MCD-2MPT-12V-2P80-TP-4B118CA-EX4											
LOS-4LB800T3-4MCD-MPT-12V-P80-TP-B118CA-EM1											
LOS-4LB800T3-4MCD-MPT-12V-P130-TP-2B118CA-EL2											
LOS-4LB800T3-4MCD-2MPT-12V-2P95-TP-2B118CA-EL2											
LOS-4LB800T3-4MCD-2MPT-12V-2P95-TP-4B118CA-EX4											
LOS-5LB800T3-5MCD-MPT15-12V-P130-TP-2B118CA-EL2											
LOS-5LB800T3-5MCD-MPT15-12V-P130-TP-3B118CA-EX4											
LOS-5LB800T3-5MCD-MPT15-12V-2P95-TP-3B118CA-EX4											
LOS-5LB800T3-5MCD-MPT15-12V-2P95-TP-4B118CA-EX4											
LOS-5LB800T3-5MCD-MPT15-24V-2P130-TP-2B118CA-EL2											
LOS-5LB800T3-5MCD-MPT15-24V-2P130-TP-4B118CA-EX4											

*LOS fixture available with Type 3 (T3) or Type 5 (T5) distribution.



1. White LED Lamps –The lamps offer high brightness, high color rendering, and 50,000 hr life at 90 lumens per watt, offering 900, 1800, 2700, 3600, or 4500 lumens. Lamps are full cut-off, producing 0 lumens above 90 degrees and less than 10% light output between 80 and 90 degrees.

2. LED Driver – Constant current driver precisely controls light levels with up to 256 digital states. One driver per lamp.

3. LOS Fixture – Die-formed aluminum construction. Holds from 1 to 5 lightbars.

4. Solar Panel – Poly-crystalline solar panel in 50, 80, 95 or 130 watts. Twenty year power output warranty.

5. Panel Mounting – Aluminum fixture allows 360° horizontal panel rotation using stainless ¼-20 allen-head set screws and vertical angles from horizontal (equatorial latitudes) to 70° (northern latitudes).

6. Battery Enclosure –NEMA 3R rainproof, vented, aluminum enclosure with cover,

7. Batteries – One or two sealed 118 amp-hour, 12volt, spill-proof, maintenance free AGM batteries with fused battery harness.

8. SO-Bright® Controls – The smartest, most versatile solar lighting controls available. Set timing, light-levels, and energy management options using a wireless remote control.

Fixture EPA: 0.493 sq-ft (0.05 sq-m)

Fixture Weight: 10 lbs (4.54 kg)

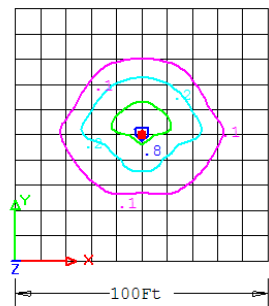
Accessories:

- Grounding Kit
- Vandal proof Motion Detector
- Data Logger

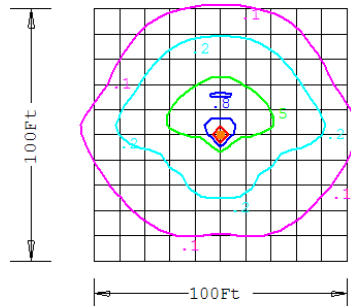
For more information see:

- High Lumen LED Lamp Spec Sheet
- Power Package Spec Sheet
- SO-Bright® Controls Spec Sheet
- Pathway photometric plots
- Poles Spec Sheet

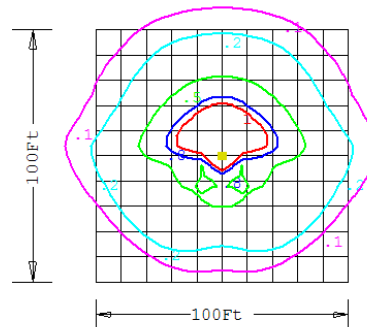
Photometrics



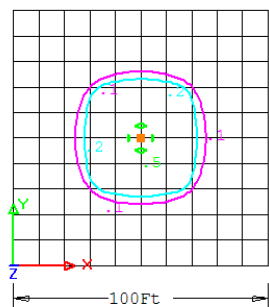
LOS - LB800T3
(mounting height = 12')



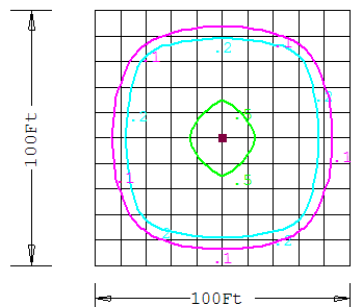
LOS - 2LB800T3
(mounting height = 16')



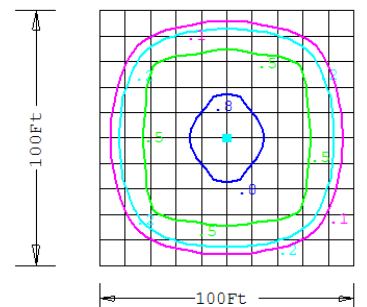
LOS - 3LB800T3
(mounting height = 20')



LOS - LB800T5
(mounting height = 12')



LOS - 2LB800T5
(mounting height = 16')



LOS - 3LB800T5
(mounting height = 20')