

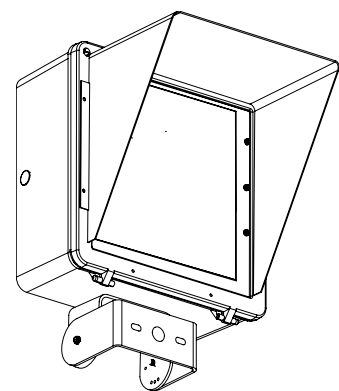
Shoebox LED 48

FEATURES

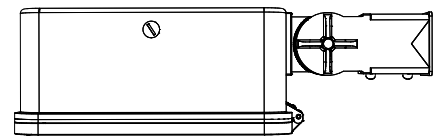
SOL Inc LED shoebox die cast aluminum luminaire with adjustable knuckle mounting. Featuring Type I, II, III, and V optical systems and programmed led driver, fixture operates well for parking lot and pathway lighting when used with SOL Inc TPM and PM series solar light systems.

SPECIFICATIONS

- Super efficient, bright, white LED light source.
- Available in Type I, Type II and Type III distribution patterns.
- IESNA Cut off, IDA Compliant.
- Bright white 5,000K color temperature.
- Die Cast Aluminum construction with hinged LED cover.
- Luminaire provides IP65 protection.
- Aluminum with powder-coated finish – bronze, black, green or white.
- Standard 2" Knuckle Mounting provided for tenon or SOL Inc stub-arm mounting.
- All hardware is stainless steel or powder coated to match.
- Tempered glass lens.
- Optional glareshield/houseside shield available powdercoated to match fixture finish. Can be reverse mounted to use as a back cutoff.



Optional House Side Shield & Wall Mount Bracket Shown



Standard Knuckle Slip Fitter for Pole Mounting

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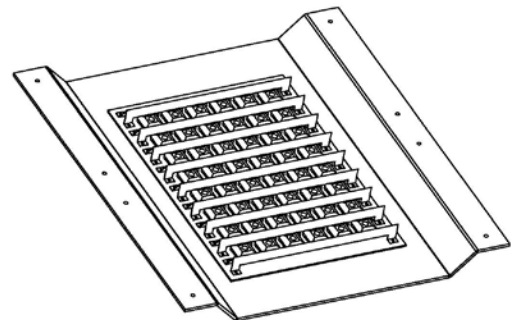


TECHNICAL SPECIFICATIONS

FEATURE	VALUE
LED Type	Discrete High Flux LED (up to 48 per fixture)
LED Total Power	30 to 60W (configured per project)
Dimensions (L x W x H)	16" x 16" X 6 15/16" (406.4 mm x 406.4 mm x 176.21 mm)
Weight	19 lbs (8.62 kg)
LED Enclosure	IP65
Power	12V to 24V DC
LED Driver Efficiency	81% @ 12V / 91% @ 24V / 95% @ 40V
Luminous Efficacy	65 Lumens per watt
Color Temperature (CCT)	5000K
LED lumens per LED watt	3900@60W
Operating Temperature (Amb.)	-40 F to 130 F (-40 C to 55 C)
Housing	Die cast corrosion resistant electroplated aluminum
Lens	Flat Glass
Suggested Mounting Height	12 to 30 feet (3.65 m to 9.1 m)
Mounting Hardware	Standard: 2" Sch. 40, pipe

INTERNAL THERMAL MANAGEMENT

- Large surface area, thermal conduction plate
- Thermal conduction compound with multi-point connection to fixture house
- Overall surface area: 352 in².
- Thermal density is less than .1W/in²
- LEDs are placed on a metal-core PCB for optimal heat transfer and minimized thermal impedance



Internal Fixture Heat Sink with metal core PCB



Reliable. Renewable. Remarkable.

rev. 0410 MRKT-48LEDSB-001