

MODEL LCE112-S12 SPECIFICATIONS

Single 12" Yellow/Amber LED School Zone Beacon 24/7 (Meets MUTCD & ITE Standards)

Solar Panel

- Maximum Power (P max) 10 W
- Voltage at Pmax (V mp) 17.3 V
- Current at Pmax (IMP) 0.58 A
- Short-Circuit Current (Isc) 0.64 A
- Open-Circuit Voltage (V oc) 21.6 V

Solid State Regulator

Electrical Specifications:

- Voltage: 12V
- Rated Solar Input: 10A
- Rated Load Current: 10A
- Equalization Voltage: 14.8V
- Boost Battery: 14.4V
- Float Battery: 13.6V
- Low Voltage Disconnect: 11.1V
- Low Voltage Reconnect: 13.1V
- Self-Consumption: 6 mA
- Operating Temp. -35 to +55°C

Traffic Hazard Beacons

Polycarbonate Housing:

- 12" light housing plastic injected molded polystyrene tufo u.v. impregnated material for ultra violet rays

LED:

- Color Yellow/Amber
- Applied Voltage 12VDC
- Power Consumption (watts) 5
- Dominant Wavelength (nm) 592
- On Axis Luminous Intensity (Min) 350 cd
- LEDs per signal lamp 121
- Intensity loss due to single LED failure .83%
- Operation Temperature -40°F to +165°F

Solid State Flasher

- Input voltage of 12 VDC
- Flash rate 60 F.P.M.
- Capable of switching 5 amps @ 12 VDC

Control Cabinet/Battery

- Cabinet is 11¾" x 13¾" x 4¾", .080, aluminum, located below solar panel.
- Included battery shall be (1) 18 amp.

7 Day Programmable Timer Included

- **Optional ADD10W1B:** Additional 10 watts of solar – Additional (1) 18 amp. – Larger 21" x 13½" x 4¾" cabinet
- Signage and pole. (Options Available)
- Pole/Post Mounting. (All Included)