

**MODEL 116-S12 SPECIFICATIONS**

Single 12" Yellow/Amber LED Hazard Beacon 24/7 (Meets MUTCD &amp; ITE Standards)

**Solar Panel**

- Maximum Power (P max) 40 W
- Voltage at Pmax (V mp) 17.3 V
- Current at Pmax (IMP) 2.31 A
- Short-Circuit Current (Isc) 2.57 A
- Open-Circuit Voltage (Voc) 21.6 V

**SPLasher****Electrical Specifications:**

- Voltage: 12V
- Rated Solar Input: 10A
- Rated Load Current: 10A
- Low Voltage Disconnect: 9.0V
- Trickle Charge from 9.0V – 13.5V
- Maximum Charge 14.4V
- Operating Temp. -40° to +85°C

**Solid State Flasher (built-in)**

- Input voltage of 12 VDC
- Flash rate available 12 (10%/90% cycle) or 60 (50%/50% cycle) F.P.M.
- Capable of switching 2 amps @ 12 VDC

**Auto Dimming (built-in)**

- Feature to reduce power usage during overcast conditions and nighttime usage.

**Traffic Hazard Beacons****Polycarbonate Housing:**

- 12" light housing plastic injected molded polystyrene tufen 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

**Control Cabinet/Battery**

- Cabinet is 16" x 15" x 9", .080, aluminum, "lockable", to be located per state specifications.
- Recommended battery shall be 100 amp deep cycle marine. **(Options Available)**
- Signage and pole. **(Options Available)**