

MODEL 2003YNL-B SPECIFICATIONS

Yellow Retrofit LED Navigational Lighting

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 (V oc) 21.6 V

Solid State Regulator with 16 timing & automatic lighting functions

Electrical Specifications:

- Voltage: 12/24V
- Rated Solar Input: 10A
- Rated Load Current: 10A
- 25% Current Overload: 1 minute
- Boost Battery: 14.4V
- Low Voltage Disconnect: 11.08V
- Low Voltage Reconnect: 12.58V
- Self-Consumption: 6 mA
- Operating Temp. -35 to +55°C

Retrofit Assembly

Medium base porcelain housing

LED:

- Color Yellow/Amber
- Applied Voltage 12V DC
- Rated Life 100,000 hours
- Brightness Equivalent to a 75 watt incandescent
- Power Consumption (watts) 8

Control Cabinet/Battery

- Cabinet is 16" x 15" x 9", .080, aluminum, "lockable", to be located per state specifications.
- Battery shall be 100 amp deep cycle marine.