

Unibody LED Indicator Plastic Pilot Lights Specifications

A. Mechanical Characteristics

Applicable Standard	UL508 IEC 60947 CSA 22.2
Degree of Protection	IP65 as per IEC 60947, Nema Type 4X, 12 as per UL50
Temperature Range	-25° to +70°C (-13 to +158°F)
Contact material	Phosphor bronze for LED, PCB contact brass (tin plated)
Corrosion protection	All metallic parts are electroplated for corrosion protection
Terminal Torque	0.5 Nm (4.5 lbs. / in.)
Viewing Angle	More than 100°
Optical Axial intensity	More than 100 mcd for all colors

B. Electrical Characteristics

Rating	Rated 6V AC/DC to 240V AC and 220V DC, 2W max. (Integral LEDs)
Terminal Capacity	Screw connection 2 X 1.5mm ² 1 X 0.5mm ² (min) 1 X 2.5mm ² (max)
Dielectric Test	2.5KV
Rated insulation Resistance	500M ohm at 1000VDC
Polarity protection	Polarity protection is only in case of DC supply lamps
Low voltage protection	20V for 110V AC & 110V DC 40V for 240V AC & 220V DC (i.e. approx. 20% of Rated Voltage)
Current Consumption	Max. 20mA for AC circuits Max. 15mA for DC circuits

Dimensional Drawings

All dimensions shown in millimeters.
To convert to inches multiply by 0.03937

