

Unibody LED Indicator Plastic Pilot Lights



Pilot Lights with integral LED



Color	Description	Cat No.
	White Lens/Yellow LED 12V AC/DC	3PLBR1L-012
	White Lens/Yellow LED 24V AC/DC	3PLBR1L-024
	White Lens/Yellow LED 48V AC/DC	3PLBR1L-048
	White Lens/Yellow LED 110V AC*	3PLBR1L-110
	White Lens/Yellow LED 230V AC*	3PLBR1L-230
	White Lens/White LED 12V AC/DC	3PLBR1LS-012
	White Lens/White LED 24V AC/DC	3PLBR1LS-024
	White Lens/White LED 48V AC/DC	3PLBR1LS-048
	White Lens/White LED 110V AC*	3PLBR1LS-110
	White Lens/White LED 230V AC*	3PLBR1LS-230
	Green Lens/Green LED 12V AC/DC	3PLBR3L-012
	Green Lens/Green LED 24V AC/DC	3PLBR3L-024
	Green Lens/Green LED 48V AC/DC	3PLBR3L-048
	Green Lens/Green LED 110V AC*	3PLBR3L-110
	Green Lens/Green LED 230V AC*	3PLBR3L-230
	Red Lens/Red LED 12V AC/DC	3PLBR4L-012
	Red Lens/Red LED 24V AC/DC	3PLBR4L-024
	Red Lens/Red LED 48V AC/DC	3PLBR4L-048
	Red Lens/Red LED 110V AC*	3PLBR4L-110
	Red Lens/Red LED 230V AC*	3PLBR4L-230
	Amber Lens/Amber LED 12V AC/DC	3PLBR5L-012
	Amber Lens/Amber LED 24V AC/DC	3PLBR5L-024
	Amber Lens/Amber LED 48V AC/DC	3PLBR5L-048
	Amber Lens/Amber LED 110V AC*	3PLBR5L-110
	Amber Lens/Amber LED 230V AC*	3PLBR5L-230
	Blue Lens/Blue LED 12V AC/DC	3PLBR6L-012
	Blue Lens/Blue LED 24V AC/DC	3PLBR6L-024
	Blue Lens/Blue LED 48V AC/DC	3PLBR6L-048
	Blue Lens/Blue LED 110V AC*	3PLBR6L-110
	Blue Lens/Blue LED 230V AC*	3PLBR6L-230
	Clear Lens/Yellow LED 12V AC/DC	3PLBR7L-012
	Clear Lens/Yellow LED 24V AC/DC	3PLBR7L-024
	Clear Lens/Yellow LED 48V AC/DC	3PLBR7L-048
	Clear Lens/Yellow LED 110V AC*	3PLBR7L-110
	Clear Lens/Yellow LED 230V AC*	3PLBR7L-230
	Clear Lens/White LED 12V AC/DC	3PLBR7LS-012
	Clear Lens/White LED 24V AC/DC	3PLBR7LS-024
	Clear Lens/White LED 48V AC/DC	3PLBR7LS-048
	Clear Lens/White LED 110V AC*	3PLBR7LS-110
	Clear Lens/White LED 230V AC*	3PLBR7LS-230
	Yellow Lens/Yellow LED 12V AC/DC	3PLBR8L-012
	Yellow Lens/Yellow LED 24V AC/DC	3PLBR8L-024
	Yellow Lens/Yellow LED 48V AC/DC	3PLBR8L-048
	Yellow Lens/Yellow LED 110V AC*	3PLBR8L-110
	Yellow Lens/Yellow LED 230V AC*	3PLBR8L-230

*110V DC and 230V DC version is available on request.

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,
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

