

# Unibody LED Indicator Plastic Pilot Lights



## Pilot Lights with integral LED



Multi color LED pilot light  
Clear Lens / Red / Green 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
	Clear Lens /Red/Green LED	12V AC/DC 3PLBR34L-012
	Clear Lens /Red/Green LED	24V AC/DC 3PLBR34L-024
	Clear Lens /Red/Green LED	48V AC/DC 3PLBR34L-048
	Clear Lens /Red/Green LED	110V AC* 3PLBR34L-110
	Clear Lens /Red/Green LED	230V AC* 3PLBR34L-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 <sup>2</sup> 1 X 0.5mm <sup>2</sup> (min) 1 X 2.5mm <sup>2</sup> (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

