

# LED Pilot Light Ø 16.5 plastic construction

MRP with effect from 10.07.2024



## General Characteristics:

This range of LED Monoblock Pilot Light Ø 16.5 is available in round & square head in a variety of colours. This Pilot Light can be fixed in any position on panels of thickness varying from 1 mm to 6 mm. The pilot light is fastened to the panel with a lock ring. We recommend min fixing centres of 25 mm x 25 mm.

Pilot lights are available with integral LED's suitable for operating at various voltages, namely 6 V, 12 V, 24 V, 30 V, 48 V, 63 V, 110 V, 125 V & 240 V AC / DC.

## Electrical and mechanical characteristics

### A) Mechanical Characteristics

Applicable Standard	UL 508 IEC 60947-5-1 CSA 22.2
Degree Of Protection	IP 65 (as per IEC 60529) Dust & water tight
Operating Conditions	+ 70° C to -25° C
Contact Material	Brass (tin plated)
Corrosion Protection	All metallic parts are electroplated for corrosion protection
Terminal Torque	0.5 Nm
Viewing Angle	More than 100°
Optical Axial intensity	More than 100 mcd for all colors

### B) Electrical Characteristics

Rating	Rated 6 VAC / DC, 12 VAC / DC, 24 AC / DC, 110 AC, 110 DC, 240 AC & 220 DC	
Terminal Capacity	Rigid 2 X 0.75 mm <sup>2</sup> (max) 1 X 0.5 mm <sup>2</sup> (min) 1 X 1.5 mm <sup>2</sup> (min)	Flexible 1 X 0.75 mm <sup>2</sup> (max) 1 X 0.5 mm <sup>2</sup> (min) 2 X 0.5 mm <sup>2</sup> (mix)
Dielectric Test	2.5 KV	
Rated Insulation Voltage	500 VDC	
Polarity Protection	Nil	
Low Voltage Protection	20% of Rated Voltage	
Current Consumption	Max. 20 mA for AC Circuits Max. 15 mA for DC Circuits	



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16.5 Ø - PILOT LIGHTS WITH INTEGRAL LED

LED PILOT LIGHTS		ASSEMBLY DETAILS									

#### SPECIFIC VOLTAGE

VOLTAGE COLOUR ORDERING CODE COLOUR ORDERING CODE

12 AC/DC	<input type="radio"/>	6PLBR1L (S)12	<input checked="" type="radio"/>	6PLBR3L12	<input checked="" type="radio"/>	6PLBR4L12	<input checked="" type="radio"/>	6PLBR5L12	<input checked="" type="radio"/>	6PLBR6L12
	<input type="radio"/>	6PLBR7L(S)12	<input checked="" type="radio"/>	6PLBR8L12	<input type="radio"/>	Translucent Lens / White LED	<input type="radio"/>	Transparent Lens / White LED	<input type="radio"/>	Transparent Lens / White LED
24 AC/DC	<input type="radio"/>	6PLBR1L (S)24	<input checked="" type="radio"/>	6PLBR3L24	<input checked="" type="radio"/>	6PLBR4L24	<input checked="" type="radio"/>	6PLBR5L24	<input checked="" type="radio"/>	6PLBR6L24
	<input type="radio"/>	6PLBR7L(S)24	<input checked="" type="radio"/>	6PLBR8L24	<input type="radio"/>	Translucent Lens / White LED	<input type="radio"/>	Transparent Lens / White LED	<input type="radio"/>	Transparent Lens / White LED
110 AC	<input type="radio"/>	6PLBR1L(S)110AC	<input checked="" type="radio"/>	6PLBR3L110AC	<input checked="" type="radio"/>	6PLBR4L110AC	<input checked="" type="radio"/>	6PLBR5L110AC	<input checked="" type="radio"/>	6PLBR6L110AC
	<input type="radio"/>	6PLBR7L(S)110AC	<input checked="" type="radio"/>	6PLBR8L110AC	<input type="radio"/>	Translucent Lens / White LED	<input type="radio"/>	Transparent Lens / White LED	<input type="radio"/>	Transparent Lens / White LED
240 AC	<input type="radio"/>	6PLBR1L(S)240AC	<input checked="" type="radio"/>	6PLBR3L240AC	<input checked="" type="radio"/>	6PLBR4L240AC	<input checked="" type="radio"/>	6PLBR5L240AC	<input checked="" type="radio"/>	6PLBR6L240AC
	<input type="radio"/>	6PLBR7L(S)240AC	<input checked="" type="radio"/>	6PLBR8L240AC	<input type="radio"/>	Translucent Lens / White LED	<input type="radio"/>	Transparent Lens / White LED	<input type="radio"/>	Transparent Lens / White LED

Note: Other voltages namely 6 V, 30 V, 48 V available on request



MRP w.e.f. 10.07.2024

Control & Signalling Devices 16.5 Ø  
PLASTIC SERIES

LED PILOT LIGHTS ECONOMY SERIES

	Type	Colour of LED / Lens	ORDERING CODE	Price in Rs. with Int. LED
	Integral LED	White LED / White Lens	6PLBR1L(S)	310.00
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	6PLBR3L	135.00
	110VAC, 230VAC	Red LED / Red Lens	6PLBR4L	135.00
		Amber LED / Amber Lens	6PLBR5L	135.00
		Blue LED / Blue Lens	6PLBR6L	390.00
		White LED / Clear Lens	6PLBR7L(S)	310.00
		Yellow LED / Yellow Lens	6PLBR8L	135.00
Please mention the voltage required after the ordering code				

GENERAL TERMS AND CONDITIONS

General Terms : Prices are ex-works Mumbai

GST : 18%

Prices are subject to revision without notice and ruling at the time of delivery.

This price list supersedes all previous Price Lists.

Warranty Policy : TEKNIC equipment is guaranteed under the following terms:

For a period of 12 months from the date of sale, TEKNIC guarantees that its products are free from defects in material and workmanship, with the exception of consumables rendered unserviceable through normal use. During the said period, TEKNIC will replace or repair all parts acknowledged as defective due to factory workmanship and which have been returned in a timely manner by Buyer to TEKNIC and all costs and duties paid, together with a detailed description of the failure and a certified declaration of the number of hours of operation. Repaired or replaced parts will be redelivered FCA (named place) as per INCOTERMS 2000. This warranty is subject to the provision of correct usage, proper maintenance and does not cover defects arising out of fire, faulty operation, accident, inefficient maintenance and willful or accidental damage.

TEKNIC guarantee applies to all equipment, parts and components stored, installed, protected, maintained and used in accordance with TEKNIC specifications and instructions, and respecting the rules for normal use, without any modification by Buyer.

All other conditions or warranties, whether express or implied, relating to the quality and operation of the equipment are excluded, as well as any liability for loss or damage caused directly or indirectly by the equipment or resulting from its use.

Proof of purchase to be provided to avail warranty.

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