

LED Pilot Light Ø 16.5 plastic construction

MRP with effect from 10.07.2023



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.

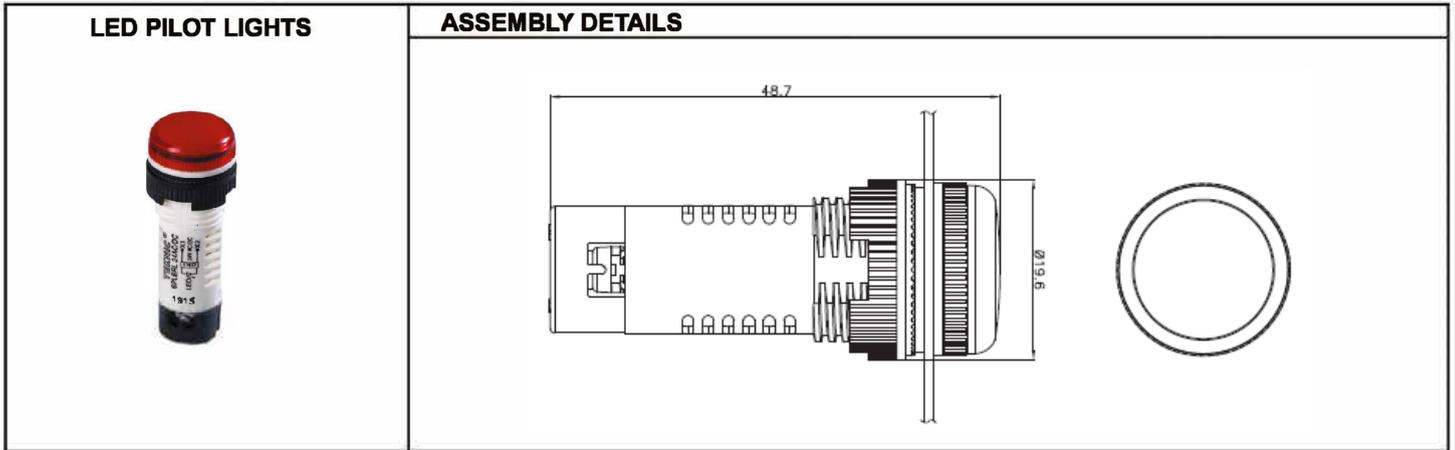
Electrical and mechanical characteristics

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 | Flexible |
| | 2 X 0.75 mm ² (max) | 1 X 0.75 mm ² (max) |
| | 1 X 0.5 mm ² (min) | 1 X 0.5 mm ² (min) |
| | 1 X 1.5 mm ² (min) | 2 X 0.5 mm ² (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 | |

16.5 Ø - PILOT LIGHTS WITH INTEGRAL LED

SPECIFIC VOLTAGE

| VOLTAGE | COLOUR | ORDERING CODE | COLOUR | ORDERING CODE | COLOUR | ORDERING CODE | COLOUR | ORDERING CODE | COLOUR | ORDERING CODE |
|----------|-----------------------|-----------------|-----------------------|---------------|--|---------------|--|---------------|-----------------------|---------------|
| 12 AC/DC | <input type="radio"/> | 6PLBR1L (S)12 | <input type="radio"/> | 6PLBR3L12 | <input type="radio"/> | 6PLBR4L12 | <input type="radio"/> | 6PLBR5L12 | <input type="radio"/> | 6PLBR6L12 |
| | <input type="radio"/> | 6PLBR7L(S)12 | <input type="radio"/> | 6PLBR8L12 | <input type="radio"/> Translucent Lens / White LED | | <input type="radio"/> Transparent Lens / White LED | | | |
| 24 AC/DC | <input type="radio"/> | 6PLBR1L (S)24 | <input type="radio"/> | 6PLBR3L24 | <input type="radio"/> | 6PLBR4L24 | <input type="radio"/> | 6PLBR5L24 | <input type="radio"/> | 6PLBR6L24 |
| | <input type="radio"/> | 6PLBR7L(S)24 | <input type="radio"/> | 6PLBR8L24 | <input type="radio"/> Translucent Lens / White LED | | <input type="radio"/> Transparent Lens / White LED | | | |
| 110 AC | <input type="radio"/> | 6PLBR1L(S)110AC | <input type="radio"/> | 6PLBR3L110AC | <input type="radio"/> | 6PLBR4L110AC | <input type="radio"/> | 6PLBR5L110AC | <input type="radio"/> | 6PLBR6L110AC |
| | <input type="radio"/> | 6PLBR7L(S)110AC | <input type="radio"/> | 6PLBR8L110AC | <input type="radio"/> Translucent Lens / White LED | | <input type="radio"/> Transparent Lens / White LED | | | |
| 240 AC | <input type="radio"/> | 6PLBR1L(S)240AC | <input type="radio"/> | 6PLBR3L240AC | <input type="radio"/> | 6PLBR4L240AC | <input type="radio"/> | 6PLBR5L240AC | <input type="radio"/> | 6PLBR6L240AC |
| | <input type="radio"/> | 6PLBR7L(S)240AC | <input type="radio"/> | 6PLBR8L240AC | <input type="radio"/> Translucent 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. 10.07.2023

**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) | 300.00 | |
| | 6V, 12V, 24V, 48V AC/DC | Green LED / Green Lens | 6PLBR3L | 130.00 | |
| | 110VAC, 230VAC | Red LED / Red Lens | 6PLBR4L | 130.00 | |
| | | Amber LED / Amber Lens | 6PLBR5L | 130.00 | |
| | | Blue LED / Blue Lens | 6PLBR6L | 380.00 | |
| | | White LED / Clear Lens | 6PLBR7L(S) | 300.00 | |
| | | Yellow LED / Yellow Lens | 6PLBR8L | 130.00 | |
| | Please mention the voltage required after the ordering code | | | | |

| GENERAL TERMS AND CONDITIONS | |
|--|---|
| General Terms : | Prices are ex-works Mumbai |
| GST : | 18% |
| HSN CODE : | 85365010 |
| 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: |
| <p>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.</p> | |
| <p>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.</p> | |
| <p>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.</p> | |

Proof of purchase to be provided to avail warranty.

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