

SUPERNOVA LED INDICATING LAMPS



SUPERNOVA LED Indicating Lamps are widely used in Industrial Control Panel application. These lamps have longer life and are cost effective over the standard filament based Indicating Lamps. These Lamps are self-contained LED indicator units and can be directly mounted on the panel. The rated input can be directly applied to the lamp. These Lamps are available in variable dimensions & input ratings. It has very low power consumption and longer life of 1,00,000 Hours i.e. 11 Years on continuous burning basis.

Standard Features

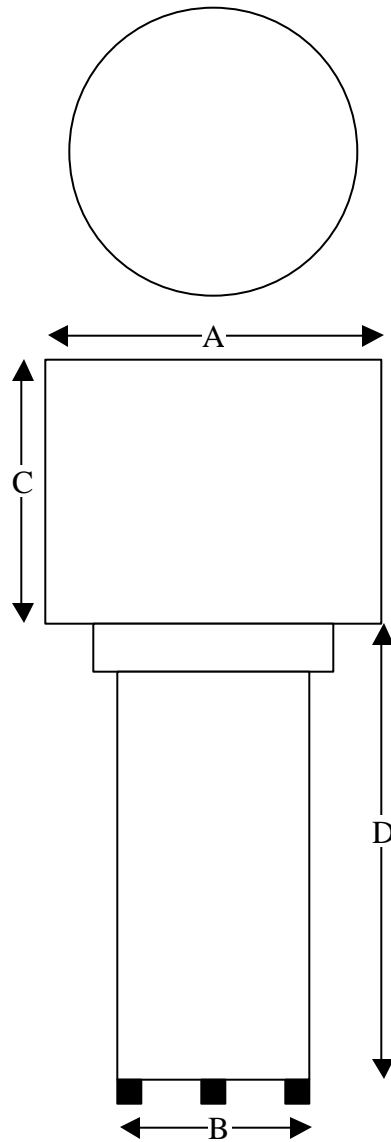
1. Very low power consumption about 0.5 watt at 230Vac
2. 90% energy saving
3. Longer Life about 1,00,000 Hours i.e 11 Years on continuous burning basis.
4. Solid-state reliability tends to zero failure.
5. Wide operating voltage range +/-25%.
6. Leakage voltage glow protection.
7. Fits in standard cutouts of 30,22.5,19,16,10mm.
8. Suitable for all standard voltage ratings.
9. Legend like R, Y, B, ON, OFF, O/L TRP available on caps.
10. Leakage voltage glow protection.
11. Tested as per IS13947.

Technical Data

1. Operating Voltage	415V	220V	110V	48V	24V	12V	6V
	AC	AC	AC/DC	AC/DC	AC/DC	AC/DC	AC/DC
2. Operating Range	+/- 25% I/P voltage.						
3. Rated Insu.Voltage	500Volts.						
4. Insulation Above	500Mega Ohms.						
5. H.V. Test 2.5kv for	1.5mins.						
6. Termination	Encapsulation totally enclosed, finger touch proof glass filled nylon suitable for 2.5sqmm cable.						
7. Available colours	Red, Green, Yellow, Blue, Amber, White.						
8. LED	Super bright multiple LEDs						
9. Intensity	Red: 1200mcd, Green: 1400mcd, Yellow: 1400mcd						
10. Housing Material	Flame Retardant ABSTRNOL with ribbed Polycarbonate Lens.						
11. Enclosure	IP65 as per IS 13947-(1) 1993						

Indicator	Panel cutout	A	B	C	D
22.5mm	22.5mm	30mm	22.5mm	13mm	42mm
30.25mm	26mm	30mm	22.5mm	13mm	42mm
19mm	19mm	22mm	16mm	17mm	42mm
16mm	16mm	22mm	15mm	17mm	42mm
10mm	9.2mm	12.2mm	15mm	10mm	45mm

*Refer housing SE/IL/HS/001, Rev-0



**Component with Excellent Surface Finish.
Housing Flame Retardant ABSTRNOL with ribbed Polycarbonate Lens.
Enclosure IP65 as per IS 13947-(1) 1993**

Title: AVIATION OBSTRUCTION LAMP

Date :26/06/2003

**Drawn By:
SBP**

**Checked By:
VPL**

**SUPERNOVA ELECTRONICS,
NASHIK**

Drawing No: SE/IL/HS/001,REV- 0
