LED Signal Unit for Subsidiary Aspect Shunt Signal with Built in Current Regulator

Features:

- Uses high reliable Light Emitting Diode (LED) technology. It lowers operating and maintenance cost.
- Compatible with SSI and Relay Interlocking.
- Phantom Free Design, Multi array arrangement,
- Low Power Consumption,
- Fail Safe Design.
- Meets RE & Non-RE areas general and technical requirements of LED signal units of railway signalling application.
- 110V AC fed LED Signal Lighting Units.
- Signal unit BLANK below 70 V.
- Minimum visibility distance these Signal LED Lighting Units is min 200 Meter (In clear daylight with peak sunrays at rated voltage).
- Lamp proving possible through Relay (ECR) or Electronic Means (EI)
- UV Stabilized lense to meet outdoor applications
- Current regulator is built-in

RDSO Specification No:
RDSO/SPN/153/2011

Technical Specifications:

Color of the Unit	WHITE
Power Supply	110 V AC, SINGLE PHASE, 50 Hz
Input Variation	88V to 132V
Input Current	23.75 mA to 26.25 mA
Load Regulation	± 2% (From 88V to 132V)
Display Area	85 mm dia ± 1 mm
Operation Temperature	-10° C To 70° C. (RH UPTO 90%)
Illumination	45 to 70 Lux (at 1.5 mtr in Axial Direction)
Dispersion Angle	**13º** to 17º
Color Co-Ordinates	Class 'C' OF BS 1376-1974
No. of LEDs	Min. 13
Di-electric Strength	> 100 MΩ
H.V. Breakdown Test	1.5 kV applied between All current carrying shorted together and Earth for 1 minute
Guranteed off Voltage	Below 70V
LED Failure Detection	Before Light output lower than 50% of nominal

ISO Certified

GENERAL AUTO ELECTRIC CORPORATION
D/207, Ansa Industrial Estate, Saki Vihar Road, Saki Naka, Andheri (East),Mumbai 400072, INDIA.
T: [+9122] 6692 3194-95 | F: [+9122] 6692 3196 | marketing@gaec.in | www.gaec.in