

LED Based Emergency Light Unit

Features:

- LED based Safety Emergency Lighting Unit for Rolling Stock.
- In built battery provides 12 hours of un-interrupted illumination.
- Operates in the event of failure of coach input power supply & low coach battery voltage for providing illumination in coach for upto 12 hours.
- Built-in battery health monitoring feature.
- Use of SMD components for reliability
- Unit and battery status are indicated by LEDs (GREEN, RED & AMBER)
- Approved by RDSO, Lucknow - Indian Railways



ICF Specification No.
ICF/ELEC/917 (Rev 1)

Technical Specifications:

| | |
|-------------------------------|--|
| Colour of Light | White |
| Nominal Input | 24V DC and / or 110 V DC |
| Input variation | 18 to 32 V (for 24 V DC system) 90 to 145 V (for 110 V DC system) |
| Back up time | 12 Hours. (2 Hours at full intensity and there after 10 Hours at Reduced intensity) |
| Battery capacity | 12 V / 12 AH |
| Illumination | Full intensity > 30 LUX at 2.1 m Reduced Intensity > 20 LUX at 2.1 m |
| Di Electric Strength | >10 MΩ |
| Operating temperature | -5°C to 55°C (RH UPTO 98%) |
| Overall size | 240 x 175 x 165 mm |
| Net approximate weight | 6.5 Kg. |

*Due to continuous improvement in products, specification subject to change

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