



32cd Low-intensity Obstruction Light

48V_{DC} ICAO Type B - FAA L-810 - replacement unit

CEL-32-48-E27

Key features

- Based on LED technology
- Extremely reliable - long lifetime
- Very low power consumption
- 48VDC nominal supply voltage
- Intensity 36cd typical
- Stabilised light output
- Easy to install
- Absolutely no RF-radiations

Benefits

- Long maintenance intervals
- Low energy cost
- Supply power voltage variations do not affect light output
- Very low total lifetime costs
- Comes with five (5) years warranty

Specifications met

- ICAO International Standards and Recommended Practices: Aerodromes - Annex 14 Volume 1, 5th Edition, July 2009, Chapter 6: Low-intensity, Type B Fixed Obstacle Light
- FAA Advisory Circular 150/5345-43F 09/12/06 L-810 Light Unit

Optical characteristics

- Intensity better than 32cd
- Colour aviation red
- Horizontal radiation pattern 360°
- Vertical radiation pattern 50°
- LED supply current stabilised by constant current generator
- Light output degradation less than 30% after 100,000hrs of operation

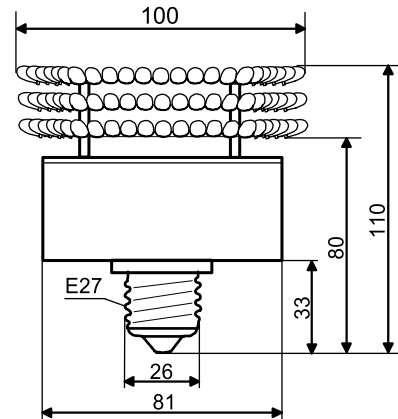
Electrical characteristics

- LEDs in several separate groups
- Nominal operating voltage 48V_{DC}
- Power consumption less than 8W
- Operating voltage range 45 to 58V_{DC}
- Two-stage over-voltage protection

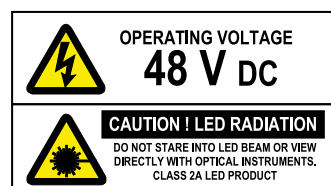
Mechanical characteristics

- Yellow ABS body
- Weather protection to IP30
- Operating temperature range -55°C ... +55°C
- Height 110mm, diameter 100mm, weight 0.1kg

Order Code: CEL-32-48-E27



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