10cd Low-intensity Obstruction Light
48V\textsubscript{DC} ICAO Type A - replacement unit

CEL-10-48-E27

Key features
- Based on LED technology
- Extremely reliable - long lifetime
- Very low power consumption
- 48VDC nominal supply voltage
- Intensity 10cd typical
- Stabilised light output
- Easy to install
- Absolutely no RF-radiations
- Safe and easy to use

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:
  Chapter 6: Low-intensity, Type A Fixed Obstacle Light

Optical characteristics
- Intensity better than 10cd
- 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\textsubscript{DC}
- Power consumption less than 5W
- Operating voltage range 45 to 58V\textsubscript{DC}
- Two-stage over-voltage protection

Mechanical characteristics
- Yellow ABS+PC body
- Degree of protection IP30
- Operating temperature range -55°C ... +55°C
- Height 100mm, diameter 92mm, weight 0.1kg

Installing instructions
- The E27 base supports dual polarity connection, and the
  +/- poles can be connected either way in cabling

Order Code: CEL-10-48-E27