10cd Low-intensity Obstruction Light
12V$_{DC}$ ICAO Type A - replacement unit
CEL-10-12-E27

Key features
- Based on LED-technology
- Extremely reliable - long lifetime
- Very low power consumption
- 12V DC nominal supply voltage
- Stabilised light output
- Easy to install
- 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

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 12V$_{DC}$
- Power consumption less than 2.5W
- Operating voltage range 12 to 18V$_{DC}$
- Two-stage over-voltage protection

Installing instructions
- The E27 base polarity connection,
  +12 V$_{DC}$ E27 center pole
  0 V$_{DC}$ E27 base

Mechanical characteristics
- Yellow ABS+ PC body
- Degree of protection IP 30
- Operating temperature range -55°C ... +55°C
- Height 100mm, diameter 92mm, weight 0.1kg

Order Code: CEL-10-12-E27