10cd Low-intensity Obstruction Light
24V<sub>DC</sub> ICAO Type A - replacement unit
CEL-10-24-E27

**Key features**
- Based on LED technology
- Extremely reliable - long lifetime
- Very low power consumption
- 24VDC nominal supply voltage
- Intensity 18cd 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 (18cd typical)
- 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 24V<sub>DC</sub>
- Power consumption less than 5W
- Operating voltage range 22 to 29V<sub>DC</sub>
- 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 polarity connection,
  +24VDC E27 center pole
  0VDC E27 base

**Order Code:** CEL-10-24-E27

![CEL-10-24-E27 datasheet image]