32cd Low-intensity Obstruction Light
24V\textsubscript{DC} ICAO Type B - FAA L-810 - replacement unit
CEL-32-24-E27

**Key features**
- Based on LED technology
- Extremely reliable - long lifetime
- Very low power consumption
- 24V\textsubscript{DC} nominal supply voltage
- 32cd nominal intensity
- Stabilised light output
- Easy to install
- 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:
  - 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 24V\textsubscript{DC}
- Power consumption 5.5W
- Operating voltage range 22 to 30V\textsubscript{DC}
- Two-stage over-voltage protection

**Mechanical characteristics**
- Yellow ABS 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,
  +24V\textsubscript{DC} E27 center pole
  0V\textsubscript{DC} E27 base

**Order Code:** CEL-32-24-E27