10cd Low-intensity Obstruction Light
115V\textsubscript{ac} ICAO Type A - replacement unit

**CEL-10-115-E27**

### Key features
- Based on LED technology
- Extremely reliable - long lifetime
- Very low power consumption
- 115V\textsubscript{ac} nominal supply voltage
- Intensity 18cd typical
- 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
- 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 115V\textsubscript{ac}
- Power consumption less than 9VA
- Operating voltage range 105 to 140V\textsubscript{ac}
- Internal 115V\textsubscript{ac} / 48V\textsubscript{dc} power supply
- Two-stage over-voltage protection

### Mechanical characteristics
- Yellow ABS+PC body
- Ingress protection IP30
- Operating temperature range -55°C to +55°C
- Height 100mm, diameter 92mm, weight 0.4kg

### Order Code: CEL-10-115-E27