

**48 V<sub>DC</sub> ICAO Low-intensity, Type B Obstacle Light**  
**48 V<sub>DC</sub> FAA Type L-810 Low Intensity Obstacle Light**
**Key features**

- Based on LED-technology
- Extremely reliable - long lifetime
- Very low power consumption
- 48 V DC nominal supply voltage
- Intensity 36 cd typical
- Stabilised light output
- Easy to install
- Absolutely no RF-radiations

**Benefits**

- Long maintenance intervals
- Low energy cost
- Supply power voltage variations do not affect to light output
- Very low total lifetime costs
- Comes with five (5) years warranty

**Specifications met**

- ICAO International Standards and Recommended Practices:  
Aerodromes - Annex 14 Volume 1, 5th Edition, July 2009,  
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 32,5 cd (36 cd 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 100.000 h of operation

**Electrical characteristics**

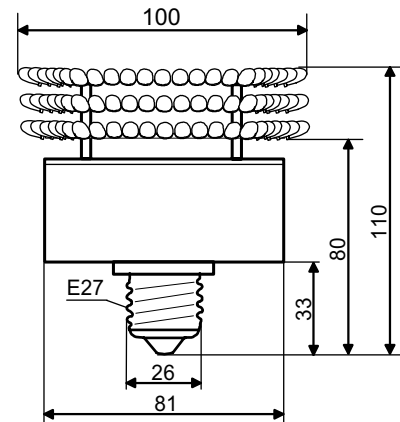
- LEDs in several separate groups
- Nominal operating voltage 48 V<sub>DC</sub>
- Power consumption less than 8 W
- Operating voltage range 45 to 58 V<sub>DC</sub>
- Two-stage over-voltage protection

**Mechanical characteristics**

- Yellow ABS body
- Weather protection to IP 30
- Operating temperature range -55°C ... +55°C
- Height 110 mm, diameter 100 mm, weight 0.1 kg

 Ordering Code: **Obelux 32-48-E27**

Made in Finland


**Obelux 32-48-E27**

**OPERATING VOLTAGE**  
**48 V DC**

**CAUTION ! LED RADIATION**

 DO NOT STARE INTO LED BEAM OR VIEW  
 DIRECTLY WITH OPTICAL INSTRUMENTS.  
 CLASS 2A LED PRODUCT