

LRTH04

LED INSET THRESHOLD LIGHT



COMPLIANCES

FAA: L-850E(L) AC150/5345-46 and EB No.67

ICAO: Annex 14 - Volume I Fig. A2-3

IEC: TS 61827

NATO: STANAG 3316

CAA: CAP 168

IAAE: TP312



APPLICATIONS

Threshold for FAA & ICAO CAT I, II and III and military runways

BENEFITS

- 60,000 hours LED rated life at full intensity, but over 100,000 hours in field operating conditions
- In new installation, LED lights mean smaller loads, smaller CCRs and transformers, thus lower life cycle costs
- The light output is varies like a traditional halogen lamp, as required by the FAA "Engineering Briefing No.67"
- Color produced by LEDs: no colored filters ensures no energy losses and no color shifts
- Fully compatible with existing AFL infrastructure*
- Designed with simplicity allowing longer maintenance intervals and fewer spare parts
- Use of gaskets to set the prisms in the dome makes their replacement quick and easy
- No optical adjustment is needed after LED module or prism replacement
- Pressure Valve is provided for water tightness test after overhaul
- Operates with any FAA or IEC compliant CCRs.

* For monitored fixtures, isolation transformer max size: 200VA

PERFORMANCES

- The electronics are built tough and highly resistant to shock and vibration
- Compatible with 50 or 60 Hz the supply current
- Surge protection is provided to protect the electronics as required by the FAA "Engineering Briefing No.67"
- Immediate internal fault detection
- Meer 0.25" (6.35 mm) protrusion above the pavement reduces vibrations to aircrafts and to the fixture itself, increasing its life expectancy
- The smooth outer Dome profile makes the light less susceptible to snowplough blades
- Bidirectional or unidirectional, 12" dia.
- The aluminium forged dome and die cast lower cover make the fixture sturdy, but lightweight for easier handling in the field
- Heavy rainfall has little effect on Light output thanks to the shallow channel in front of the prism windows
- An O-Ring is provided to avoid dirt deposits between the fixture and base
- Protection degree: IP67
- Temperature range: -55°C to +55°C

INSTALLATION

- Suitable for 12" dia. bases
- Specific tools available for easy and precise installation

