



Compliance

FAA: AC 150/5345-46

ICAO: Annex 14 Para. 5.3.4

EASA: CS ADR-DSN.M.675

IEC: 61827

Uses

- High intensity Runway Threshold lighting in cat. I, II and III.

Features

- 12" outer diameter
- Strong cold forged aluminium upper cover
- 12 mm protrusion above surface
- Dust and Watertight
- Upper surface without sharp edges
- High-precision machining ensuring overall precision and excellent quality.
- Unique multi-layer waterproof design.
- Reflector lamp and pressure/heat-resistant prism ensuring stable optical performance.
- Heat-radiator structure and shockproof design prolonging lamp's life to a maximum.
- Two cold mirror reflector lamps 105W
- Colours: Green
- Nominal Current: 6.6A
- Precise lamp location ensuring convenient installation and disassembly without optical re-adjustment.
- All fittings are tested for leakage and photometry before delivery.

Finish

- Outer Surface with wear & corrosion resistant treatment.
- High-precision machining ensuring overall precision and excellent quality.
- Stainless steel hardware.

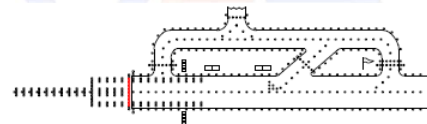
Electrical Supply

6.6 A, through adequate isolating transformer.

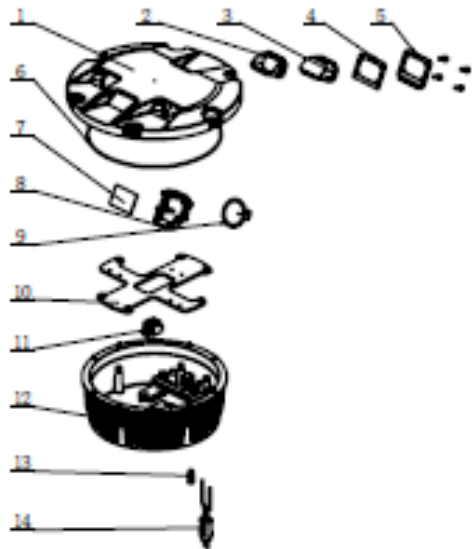
Inset
High Intensity
Runway Threshold
Light

THR-12

Airsafe



Components

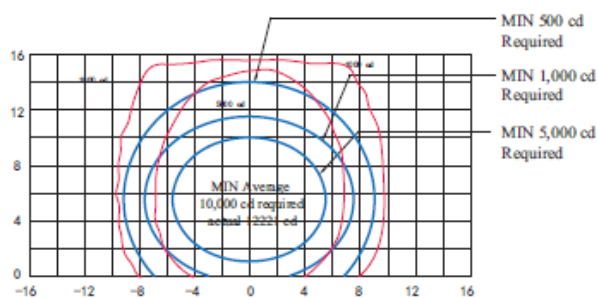


1. Upper cover
2. Upper sealing ring
3. Prism
4. Prism gasket
5. Prism retainer
6. Upper cover sealing ring
7. Filter
8. Lamp holder
9. Lamp
10. Mounting plate
11. Terminal block
12. Inner cover
13. Valve core
14. Style 6 plug

Inset
High Intensity
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Photometric Characteristics



Threshold, ICAO Fig A2-3, Green

Applications		Angle of Main Light Beam		Beam Color	Average Intensity Required (cd)	Average Intensity Actual (cd)
		Horizontal	Vertical			
Threshold	ICAO Fig. A2-3	±5.5° introversion 3.5°	1 to 10	Green	10000	12221