



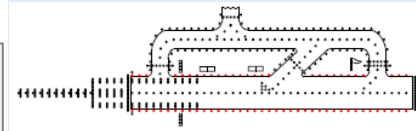
Compliance

FAA: AC 150/5345-46

ICAO: Annex 14 Para. 5.3.4

EASA: CS ADR-DSN.M.675

IEC: 61827



Inset
High Intensity
Approach Light

APP-12

Airsafe

Uses

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

Features

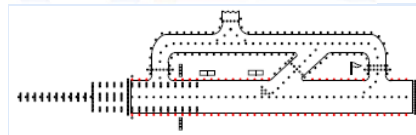
- 12" outer diameter
- Strong cold forged aluminium upper cover
- 12 mm protrusion above surface
- Dust and Watertight
- Upper surface without sharp edges
- High-precision machining ensuring overall precision and excellent quality.
- Unique multi-layer waterproof design.
- Reflector lamp and pressure/heat-resistant prism ensuring stable optical performance.
- Heat-radiator structure and shockproof design prolonging lamp's life to a maximum.
- Three cold mirror reflector lamps 105W
- Colours: White
- 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

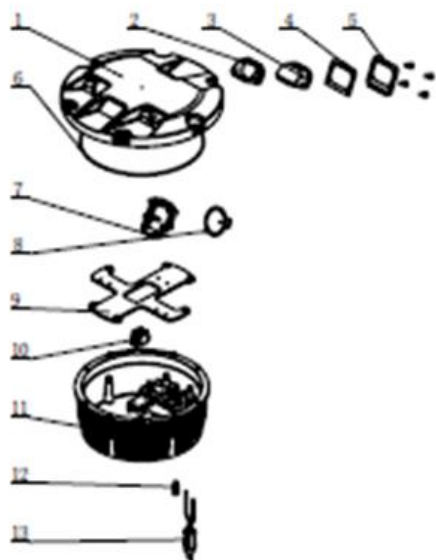
- Outer Surface with wear & corrosion resistant treatment.
- High-precision machining ensuring overall precision and excellent quality.
- Stainless steel hardware.

Electrical Supply

6.6 A, through adequate isolating transformer.



Components



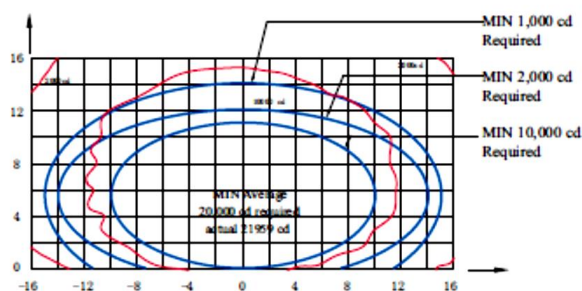
1. Upper cover
2. Upper sealing ring
3. Prism
4. Prism gasket
5. Prism retainer
6. Upper cover sealing ring
7. Lamp holder
8. Lamp
9. Mounting plate
10. Terminal block
11. Inner cover
12. Valve core
13. Style 6 plug

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Photometric Characteristics



Approach centerline, ICAO Fig A2-1, Clear

Applications		Angle of Main Light Beam		Color	Average Intensity Required (cd)	Average Intensity Actual (cd)
		Horizontal	Vertical			
Approach Centerline	ICAO Fig A2-1	$\pm 10^\circ$	0 to 11°	Clear	20000	21959
		$\pm 10^\circ$	0.5 to 11.5°	Clear	20000	21160
		$\pm 10^\circ$	1.5 to 12.5°	Clear	20000	23579
		$\pm 10^\circ$	2.5 to 13.5°	Clear	20000	21087