

RAPS-08-LED

LED Rapid Exit Taxiway Indicator – Airsafe



Airsafe

Contact details:



E-mail: aes@aes-europe.com



Phone Number:
+376 665572



Compliance

- ICAO Annex. 14, Vol. I
- FAA AC 150/5345-46
- IEC-TS 61827
- EASA: CS-ADR-DSN
- STANAG 3316
- AENA PPT-013_03-12

Uses

LED in-pavement rapid exit taxiway indicator light for airports CAT I, II & III, according to ICAO, Figures A2-6 & A2-7.

Features

- 8" external diameter, with upper and lower cover manufactured on high strength forged aluminum, and only 6mm of profile over pavement.
- Stainless steel hardware.
- Uni-directional and bi-directional configuration.
- Surface treatment to prevent the wear and increase the corrosion resistance, which makes it especially resistant to dust and water.
- Smooth surface without sharpened edges to avoid damages at the aircraft tyres.
- Regulation according to FAA EB67E equivalent to a halogen lamp.
- Integrated surge protection.
- Efficient control of LEDs operating temperature, increasing the light life and avoid color change.
- High features optical design.
- Compatible with existing circuits of visual aids.

Specifications

- Power: 2.8A ~ 6.6A, according to FAA EB67D.
- Average life: minimum 60.000h at maximum brightness and 100.000h in a normal operating conditions.
- Colors: Yellow.
- Consumption: 15VA ; Power factor: ≥ 0.9 .
- Index Protection: IP68.

Order Code

RAPS-08-LED-Y-X

Type _____
RAPS-08=8" 6mm rapid exit taxiway indicator light
(6.35mm protrusion above pavement)

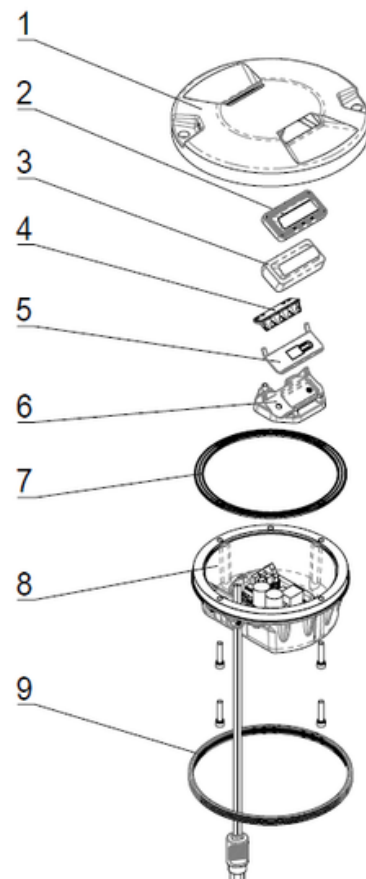
Light source _____
LED=LED lamp

Beam direction _____
Y=Yellow

Optional function _____
M=Single lamp fault detection function
A=Arctic Kit

Structure

1. Upper cover
2. Prism gasket sleeve
3. Prism
4. LED lamp assy
5. Prism gasket
6. Prism pressing bracket
7. Light body gasket
8. Inner cover assy
9. Light fixture gasket





Installation

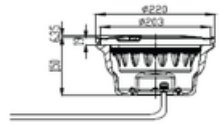


Fig 1 On 8" shallow base

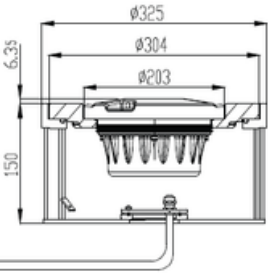


Fig 2. On 12" shallow base w/ 12"/8" adapter ring

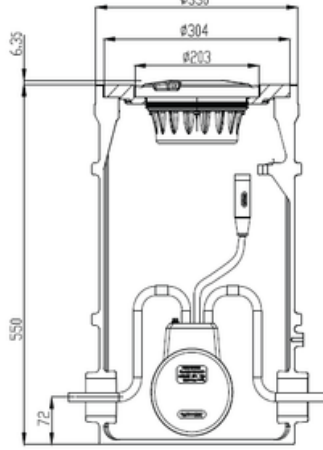
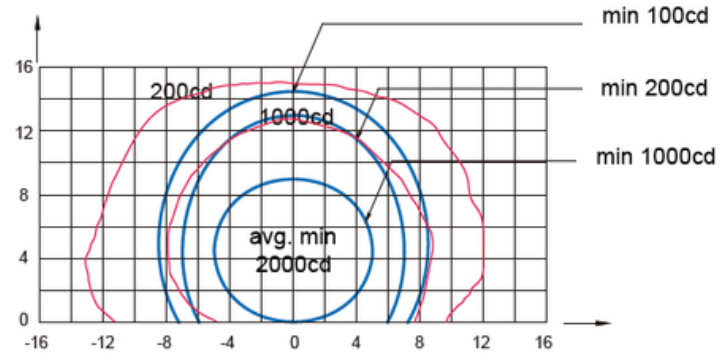


Fig 3. On 12" deep base w/ 12"/8" adapter ring

Photometry



RAPS-08-LED, ICAO Fig. A2-7, Yellow.

