

TOIL-08-LED

LED in-pavement taxiway and apron light – Airsafe



Airsafe

Contact details:



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Compliance

- ICAO Annex. 14, Vol. I
- FAA AC 150/5345-46
- IEC-TS 61827
- EASA: CS-ADR-DSN
- STANAG 3316
- AENA PPT-019_03-12

Uses

LED in-pavement taxiway and apron light for airports CAT I, II & III, according to ICAO Annex 14 Part 5.3.18.8, FAA - L852T.

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 sharp 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.
- Color: Yellow.
- Consumption: 20VA; FP >0,95.
- Index Protection: IP68.
- Installation for 15W isolation transformer.

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Order Code

TOIL-08-L-LED-XXX-Y-X

Type

TOIL-08-L = low intensity 8-inch taxiway intersection light

Light Source

LED = LED lamp

Power Supply

220 = 220VAC

024 = 24VAC

012 = 12VAC

066 = 6.6A

Beam Color

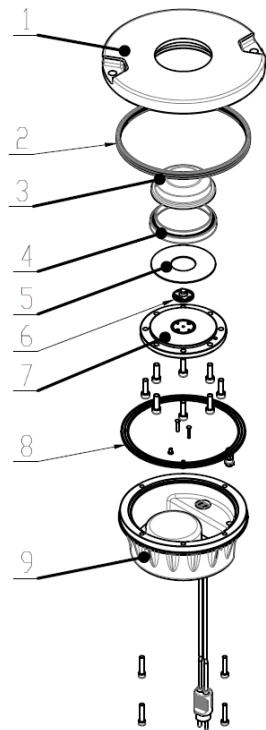
Y = Yellow

Optional Function

M = single plamp fault detection function

Structure

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



Installation

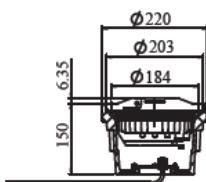


Fig 1. On 8" shallow base

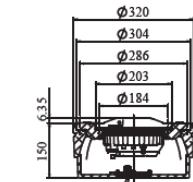


Fig 2. On 12" shallow base w/12"/8" adapter ring

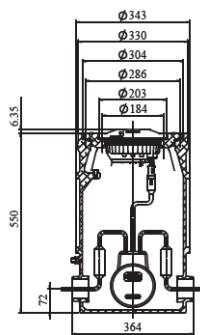
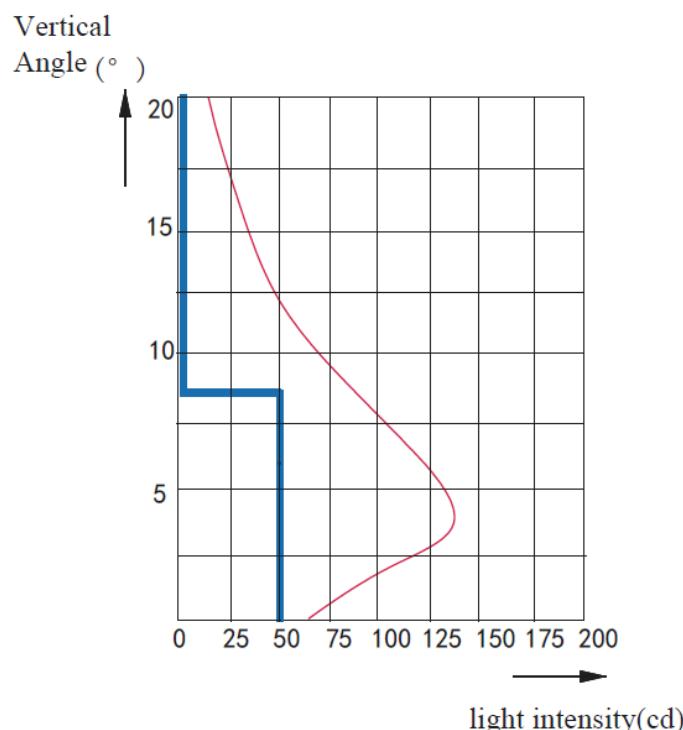


Fig 3. On 12" deep base w/ 12"/8" adapter ring





Photometry



TOIL-08-L-LED, FAA L-852E, Yellow

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