

TDZZ-08-LED

In-pavement LED runway touchdown zone 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-013_03-12

Uses

In-pavement LED runway touchdown zone light for airports CAT I, II y III, according to ICAO, Figure A2-5.

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.
- No negative slope on the light channel.
- 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: White.
- Consumption: 16VA ; PF >0,97.
- Consumption with Artic Kit on: 8VA
- Index Protection: IP68.

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Order Code

TDZZ-08-X-LED-C-X

Type _____
 TDZZ-08= 8"6mm zero water runway touchdown zone light (6.3mm protrusion above pavement)

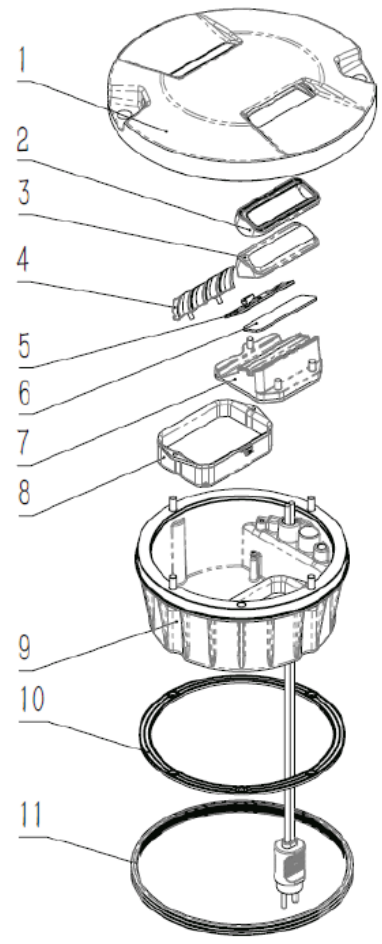
Beam direction _____
 L=toe-in left
 R=toe-in right

Light source _____
 LED=LED light source

Beam color _____
 C=white

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

Structure



1. Upper cover
2. Prism gasket sleeve
3. Prism
4. Reflector
5. LED lamp
6. Thermostat switch (optional)
7. Prism pressing bracket
8. Driver assy
9. Inner cover assy
10. Light body gasket
11. Lighting fixture gasket

Installation

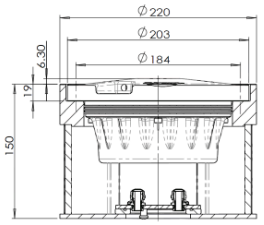


Fig 1 On 8" shallow base

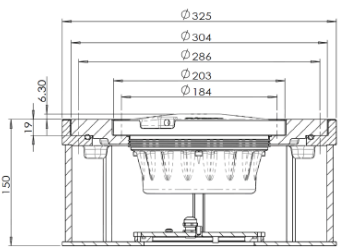


Fig 2. On 12" shallow base w/ 12"/8" adapter ring

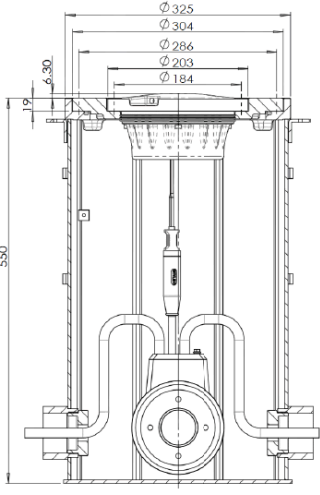


Fig 3. On 12" deep base w/ 12"/8" adapter ring

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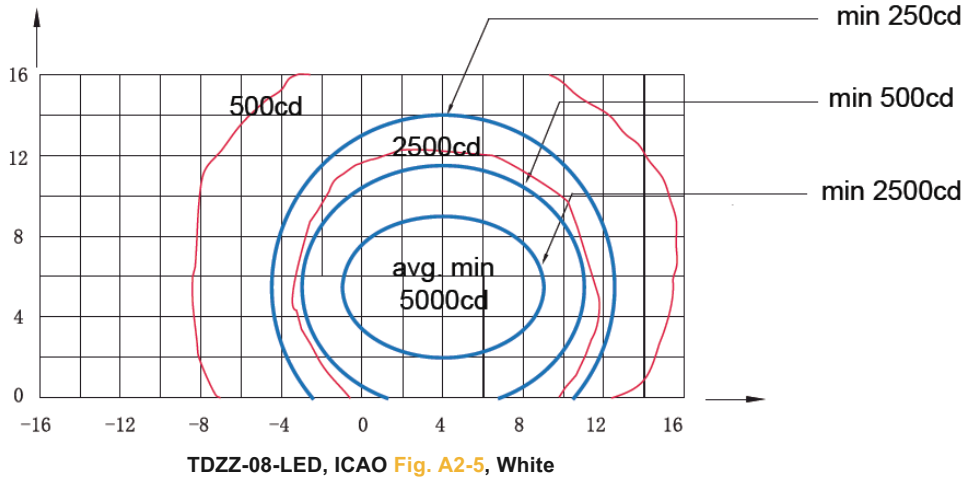
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Photometry



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