

TOEL-08-LED | LED in-pavement taxiway edge light - Airsafe



COMPLIANCE:

- ICAO Annex. 14
- FAA AC 150/5345-46
- IEC61827
- EASA: CS-ADR-DSN
- STANAG 3316
- AENA PPT-019_03-12

BOARDING TIME

BOARDING PASS

NAME OF PASSANGER

FROM:

TO:

DATE

FLIGHT GAES2020

GATE 23 SEAT 21B

GATE CLOSES 30 MINUTES BEFORE DEPARTURE

BOARDING PASS

Uses

LED in-pavement taxiway edge light for airports CAT I, II & III, according to ICAO Annex 14 Part 5.3.17.8, 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 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.
- Color: Blue
- Consumption: 8VA; FP >0,95
- Index Protection: IP68.
- Tnstallation for 15W isolation transformer

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Order Code

TOEL-08 - LED - XXX - B - X

Type	TOEL-08: 8" in-pavement taxiway edge light
Light source	LED= LED lamp
Power supply	220 = 220VAC 024 = 24VAC 012 = 12VAC 066 = 6.6A
Beam color	B = Blue
Optional function	M = Single lamp fault detection function



Installation

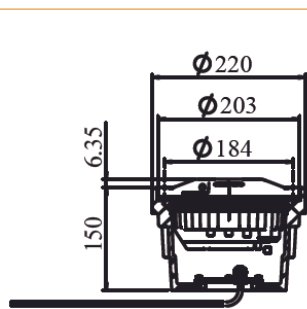


Figure 1
On 8" shallow base

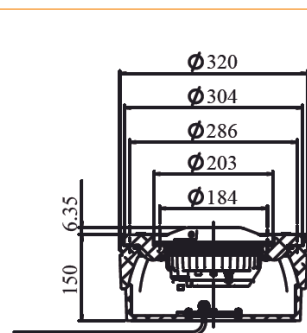


Figure 2
On 12" shallow base with
12 7/8" adapter ring

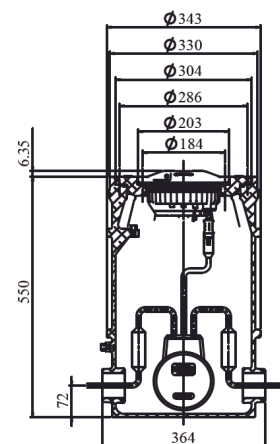
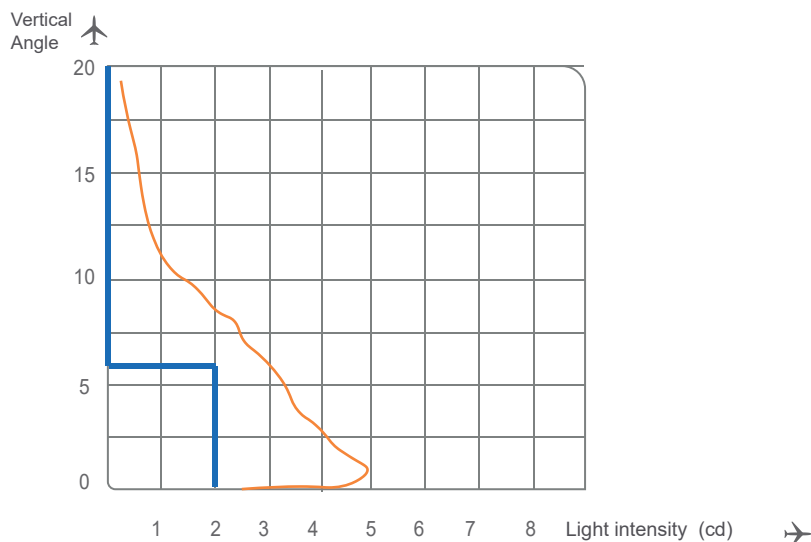


Figure 3
On 12" deep base with
12 7/8" adapter ring

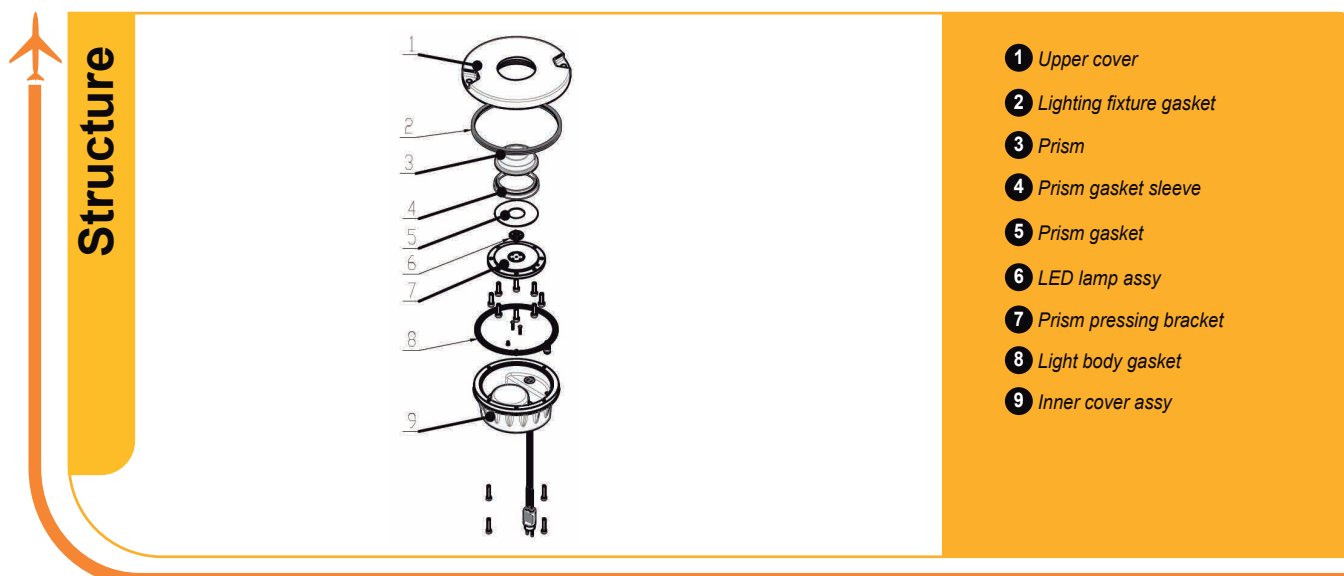
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Photometry



TOEL-08-LED, ICAO Annex 14 Part 5.3.17.8, FAA L-852T, Blue

Application		Main Beam		Color	Required min. avg. cd.	Actual avg. cd.
		H	V			
TOEL-08-LED	ICAO 5.3.17.8	360°	0° a 6°	Blue	2	2,6
		360°	6° a 75°		0,2	0,2
	FAA L-852T	360°	1° a 6°		2	2,8



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Spare Parts

N°	Order No.	Description
2	41107	Light fixture gasket
3	31113	Prism
4	43115	Prism gasket sleeve
5	43311	Prism gasket
6	979263-B	LED lamp assy 1P-0 Azul
7	43217	Prism pressing bracket
8	41141	Light body gasket

Accessories

N°	Order No.	Description
1	SB-08	8" shallow base
2	SB-12	12" shallow base
3	DB-12	12" deep base
4	AR-12/08	12"/8" adaptor ring
5	951101	8" lamp handle
6	ITF-015-066	15W isolation transformer
7	REC7	Secondary cable connector style 7



Weight and Dimensions

	Base	8" shallow base
Packaging size	210x210x130mm ³	240x240x180mm ³
Weight	3,5 kg	6,5 kg