

END-08 | In-pavement runway end light - Airsafe



COMPLIANCE:

- ICAO Annex.14 Vol.1
- FAA AC 150/5345-46
- IEC61827
- EASA: CS-ADR-DSN
- STANAG 3316
- AENA PPT-010_03-12

BOARDING TIME

BOARDING PASS

NAME OF PASSANGER

FROM:

TO:

DATE

FLIGHT
GAES2020

GATE 23 SEAT 21B

GATE CLOSSES 30 MINUTES BEFORE DEPARTURE

BOARDING PASS

Uses

In-pavement runway end light for airports CAT I, II & III, according to ICAO, Figure A2-8.

Features

- 8" external diameter.
- Body casting manufactured on forged aluminum, with high strength and optimum mechanical performance.
- A patented prism design to guarantee an excellent optical performance and ensures high resistance to temperature and pressure changes.
- The upper cover is designed with a flat surface at the light beam exits to prevent the accumulation of water and ensure high luminous efficiency.
- Bulb fixing design based on suspension mounting to effectively extend bulb's lifetime
- Use of standard halogen reflector lamps.
- No adjustments required after lamp or another optical component replacement.
- High precision machining of parts and components to guarantee the quality and dimensions of each piece.
- Stainless steel hardware to grant the waterproof and corrosion resistance.
- Multi-slip waterproof gasket to ensure an appropriate seal with the base.
- Interchangeable components, usable in all lights of the range.

Specifications

- Power: 2.8A ~ 6.6 A.
- Lamp: 48W/6.6A halogen lamp with reflector.
- Lamp average life: More than 1.500h at maximum brightness and more than 3.000h in a normal operation conditions.
- Color: Red
- Index Protection: IP68.

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Order Code

END-08 - 105 - R

Type *END-08 = 8" in-pavement runway end light*

Power *105 = 1x105W*

Beam color *R = Red*

Installation

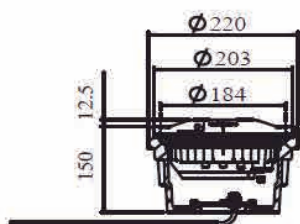


Figure 1
On 8" shallow base

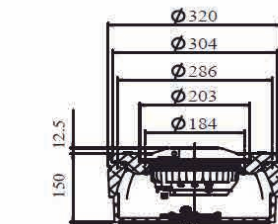


Figure 2
On 12" shallow base with
12 7/8" adapter ring

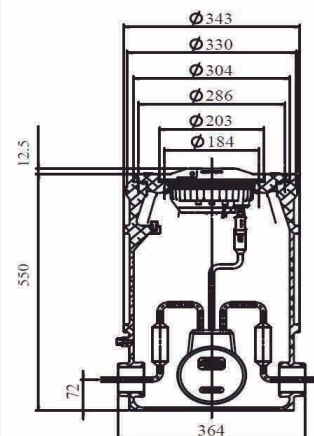
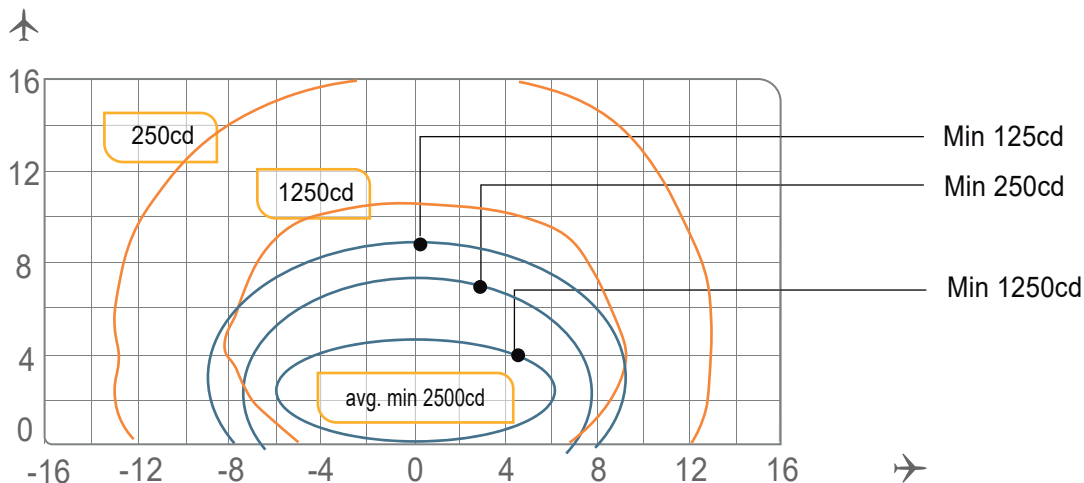


Figure 3
On 12" deep base with
12 7/8" adapter ring

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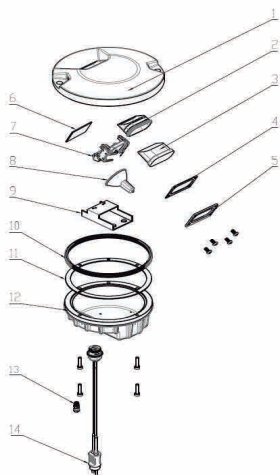
Photometry



END-12, ICAO Fig. A2-8, FAA L-850D, Red

Application		Main Beam		Color	Required min. avg. cd.	Actual avg. cd.
		H	V			
END-12	ICAO Fig A2-8 FAA L-850D	$\pm 6^\circ$	0,25° a 4,75° / 0,2° a 4,7°	Red	2.500	3.005

Structure



- 1 Upper cover
- 2 Prism gasket sleeve
- 3 Prism
- 4 Prism gasket
- 5 Prism pressing bracket
- 6 Filter
- 7 Lamp holder
- 8 Lamp
- 9 Mounting plate assy
- 10 Light body gasket
- 11 Lighting fixture gasket
- 12 Inner cover
- 13 Valve
- 14 Plug

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Spare Parts

N°	Order No.	Description
2	43107	Prismgasket sleeve
3	31141	Prism
4	43307	Prism gasket
5	43208	Prism pressing bracket
6	31316-R	Filter - Red
7	942133	Lamp holder
8	L64339	Halogen lamp 105W/6.6A
10	41107	Light fixture gasket
11	41141	Light body gasket
13	941801	Valve
14	70620	Secondary cable connector style 6

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" adapter ring assy
5	951101	8" lamp holder
6	ITF-065-066	65W isolation transformer
7	REC7	Secondary cable connector style 7



Weight and Dimensions

	Base	8" shallow base
Packaging size	210x210x130mm ³	240x240x180mm ³
Weight	3,1 kg	6,0 kg