

## ENDS-08-LED | LED 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

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

### 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.
- 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: Red
- Consumption: 18VA ; FP >0,95
- Index Protection: IP68.

## ENDS-08-LED | LED in-pavement runway end light - Airsafe

### Order Code

ENDS-08 - LED - R - X

Type

ENDS-08 = 8" in-pavement runway end light

Light source

LED = LED lamp

Beam color

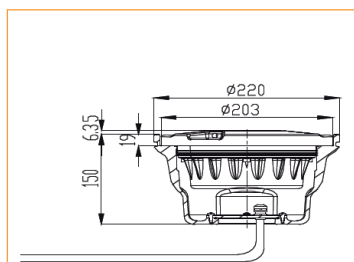
R = Red

Optional functions

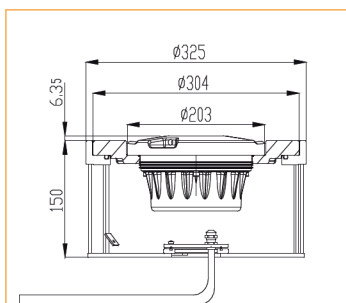
M = Single lamp fault detection function  
A = Artic kit



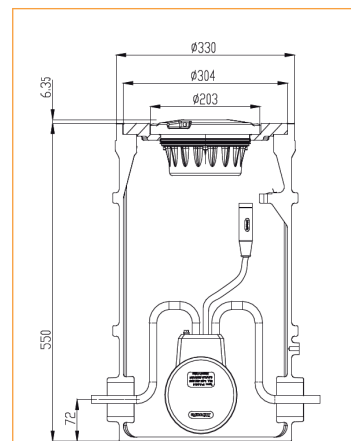
### Installation



**Figure 1**  
On 8" shallow base



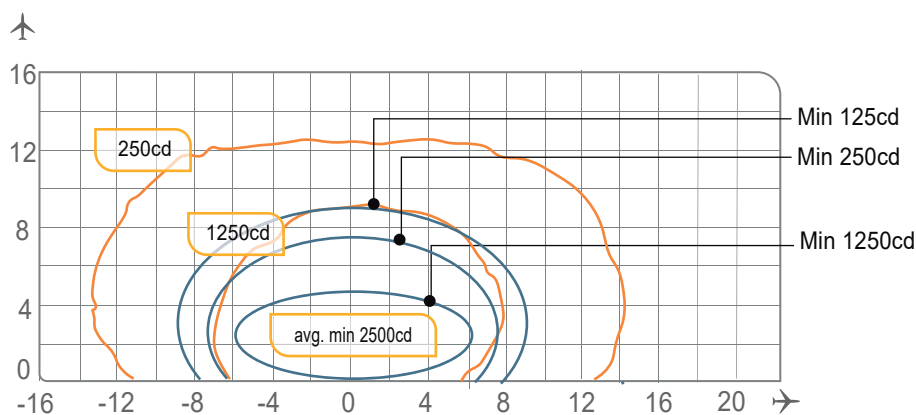
**Figure 2**  
On 12" shallow base with 12"/8" adapter ring



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

## ENDS-08-LED | LED in-pavement runway end light - Airsafe

### Photometry

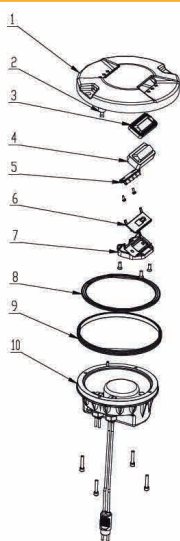


ENDS-08-LED, ICAO Fig. A2-8, Red

Application		Main beam		Color	Required min. avg. cd.	Actual avg. cd.
		H	V			
ENDS-08-LED	ICAO Fig A2-8	$\pm 6^\circ$	0,25° a 4,75° / 0,2° a 4,7°	Red	2.500	3.034



### Structure



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

## ENDS-08-LED | LED in-pavement runway end light - Airsafe

### Spare Parts

N°	Order No.	Description
3	43117	Prism gasket sleeve
4	31158	Prism
5	932053-ENDS-R	LED lamp assy -ENDS-R 8"
6	43316	Prism gasket
7	43241	Prism pressing bracket
8	41141	Light body gasket
9	41107	Light fixture 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-025-066	25W isolation transformer
7	REC7	Secondary cable connector style 7



### Weight and Dimensions

	Base	8" shallow base
<b>Packaging size</b>	210x210x130mm <sup>3</sup>	240x240x180mm <sup>3</sup>
<b>Weight</b>	3,5 kg	6,5 kg