

## END-12 | In-pavement runway end light - Airsafe



### COMPLIANCE:

- ICAO Annex.14 Vol.1
- FAA AC 150/5345-46
- IEC-TS 61827
- EASA: CS-ADR-DSN
- STANAG 3316
- AENA PPT-010\_03-12

BOARDING TIME

**BOARDING PASS**

NAME OF PASSANGER

FROM:

TO:

DATE                      FLIGHT

                                    GAES2020

GATE                      SEAT

23                              21B

GATE CLOSES 30 MINUTES BEFORE DEPARTURE

BOARDING PASS

### Uses

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

### Features

- 12" 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.

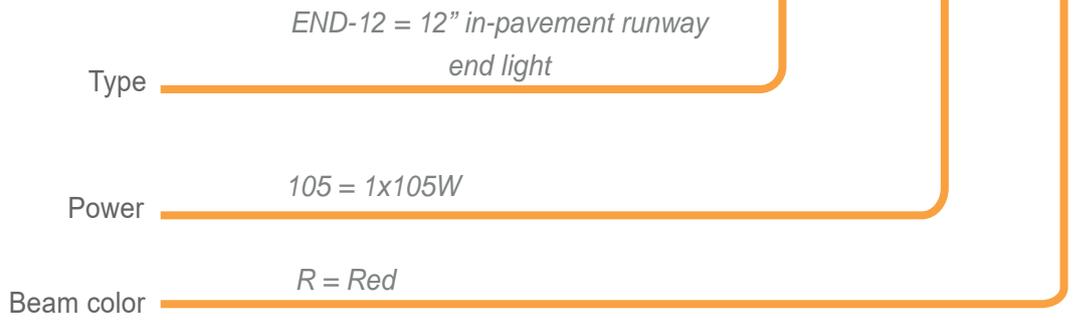
### Specifications

- Power: 2.8A ~ 6.6 A.
- Lamp: 1x105W/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.

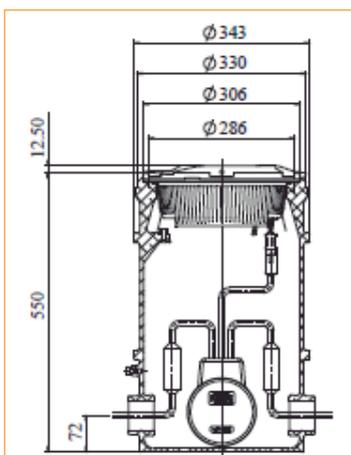
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### Order Code

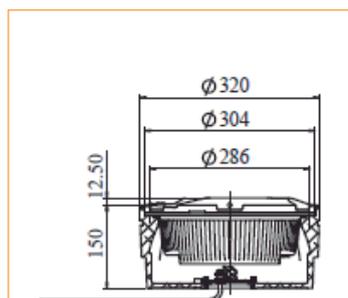
END-12 - 105 - R



### Installation



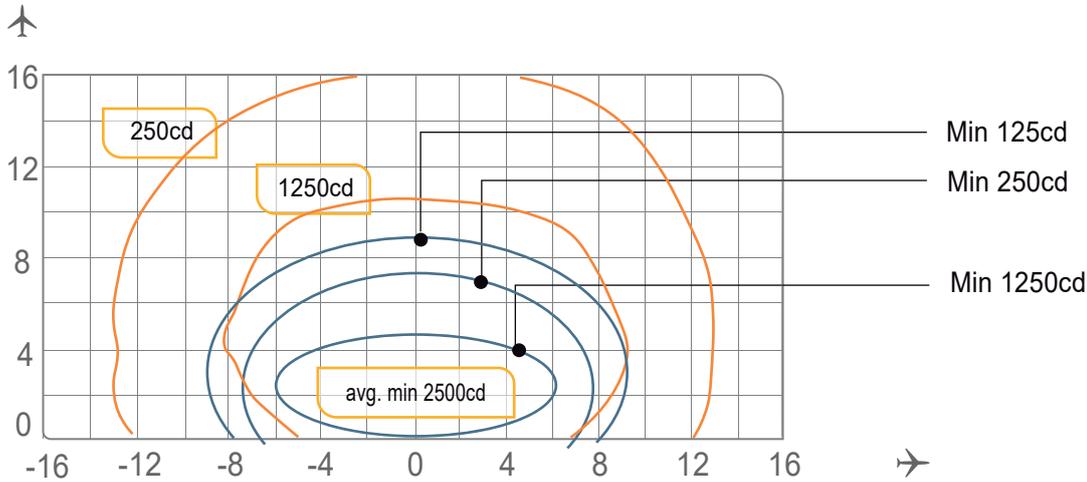
**Figure 1**  
 On 12" deep base



**Figure 2**  
 On 12" shallow base

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### Photometry

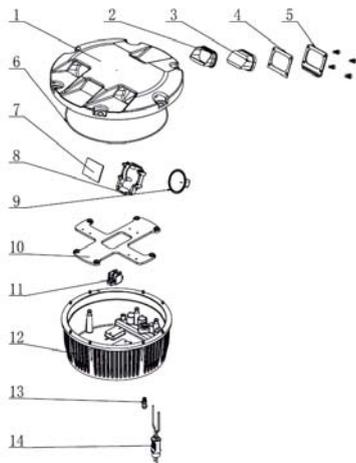


END-12, ICAO Fig. A2-8, Red

Application		Main beam		Color	Required min. avg. cd.	Actual avg. cd.
		H	V			
END-12	ICAO Fig A2-8	$\pm 6^\circ$	0,25° a 4,75° / 0,2° a 4,7°	Red	2.500	3.128



### Structure



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

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### Spare Parts

N°	Order No.	Description
2	43107	Prism gasket sleeve
3	31141	Prism
4	43307	Prism gasket
5	43208	Prism pressing bracket
6	41135	Light body gasket
7	31316-R	Filter red
8	942133	Lamp holder
9	L64339	Halogen lamp 105W/6.6A
11	941201	Terminal block
13	941801	Valve
14	HT70603	Secondary cable connector style 6

### Accessories

N°	Order No.	Description
1	SB-12	12" shallow base
2	DB-12	12" deep base
3	41115	12" base o-ring
4	51121	12" lamp holder
5	ITF-100-066	100W isolation transformer
6	REC7	Secondary cable receptacle style 7



### Weight and Dimensions

	Base	12" shallow base
<b>Packaging size</b>	330x330x150mm <sup>3</sup>	340x340x190mm <sup>3</sup>
<b>Weight</b>	7,3 kg	11,8 kg