

## EUL-TH-LED | LED elevated runway threshold light - Airsafe



### COMPLIANCE:

- ICAO Annex.14, Vol I.
- FAA AC 150/5345-46
- IEC-TS 61827
- EASA CS-ADR-DSN.
- STANAG 3316
- AENA PPT-015\_06-12



### BOARDING PASS

NAME OF PASSANGER

FROM:

TO:

DATE

FLIGHT  
GAES2020

GATE  
23

SEAT  
21B

GATE CLOSES 30 MINUTES BEFORE DEPARTURE

GAES 454843121451100

GOMINTEC

BOARDING PASS

GOMINTEC



### Uses

LED elevated runway threshold light for airports CAT I, II & III, according to ICAO Fig A2-3.

### Features

- Robust body built on high strength aluminum alloy, anti-corrosion treatment and excellent thermal dissipation.
- Reduced height to minimize the jet blast impact.
- Stainless steel hardware to grant the waterproof and corrosion resistance.
- Glass diffuser with high resistance to the temperature and abrasion.
- Long-life and robust design to guarantee the waterproof of the equipment over the years.
- Integrated electronic encapsulated in epoxy resin.
- Compatible with existing serial circuits without need of changing the isolation transformers.
- Regulated light output.
- Optional "Fail Open" monitoring device.
- Integrated surge protection.
- Efficient control of LEDs operating temperature, increasing the light life and avoiding color change.
- Saturated LED colors ensuring clear identification of the lights at all brightness levels and any viewing angle.
- The long-life of the equipments, with low maintenance and consumption, involve directly a reduction of operational costs.
- Optional anti-birds device available.



### Specifications

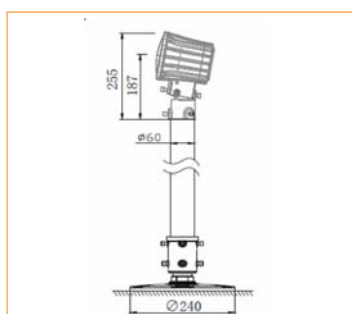
- Power: 2.8A ~ 6.6A, according to FAA EB67.
- Average life: minimum 60.000h at maximum brightness and 100.000h in a normal operating conditions.
- Color: Green
- Consumption:  $\leq 36VA$ ,  $FP \geq 0.95$
- Index Protection: IP67
- Installation with isolation transformer (45W)

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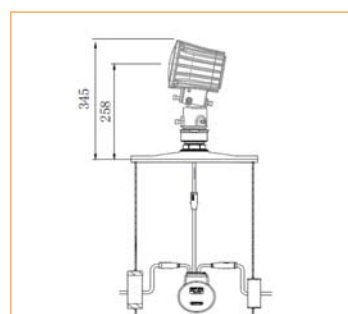
### Order Code

Type	<i>EUL-TH = Elevated runway threshold light</i>	EUL-TH	-	LED	-	G	X
Light source	<i>LED = LED lamp</i>						
Beam color	<i>G = Green</i>						
Optional Functions	<i>M = Single lamp fault detection function</i>						

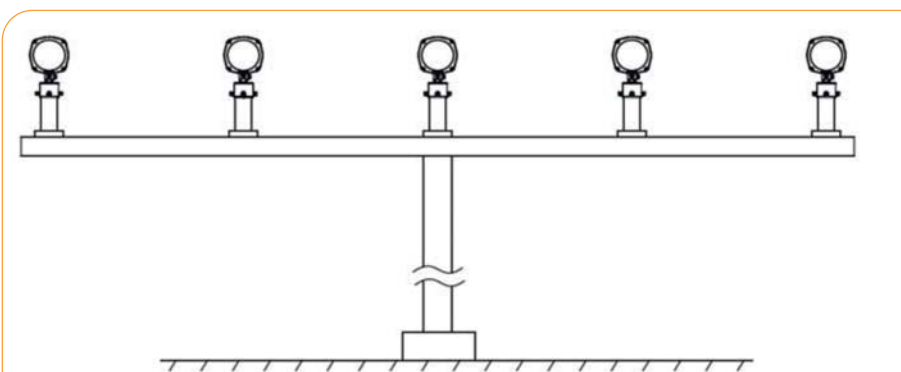
### Installation



**Figure 1**  
*On extension pole*



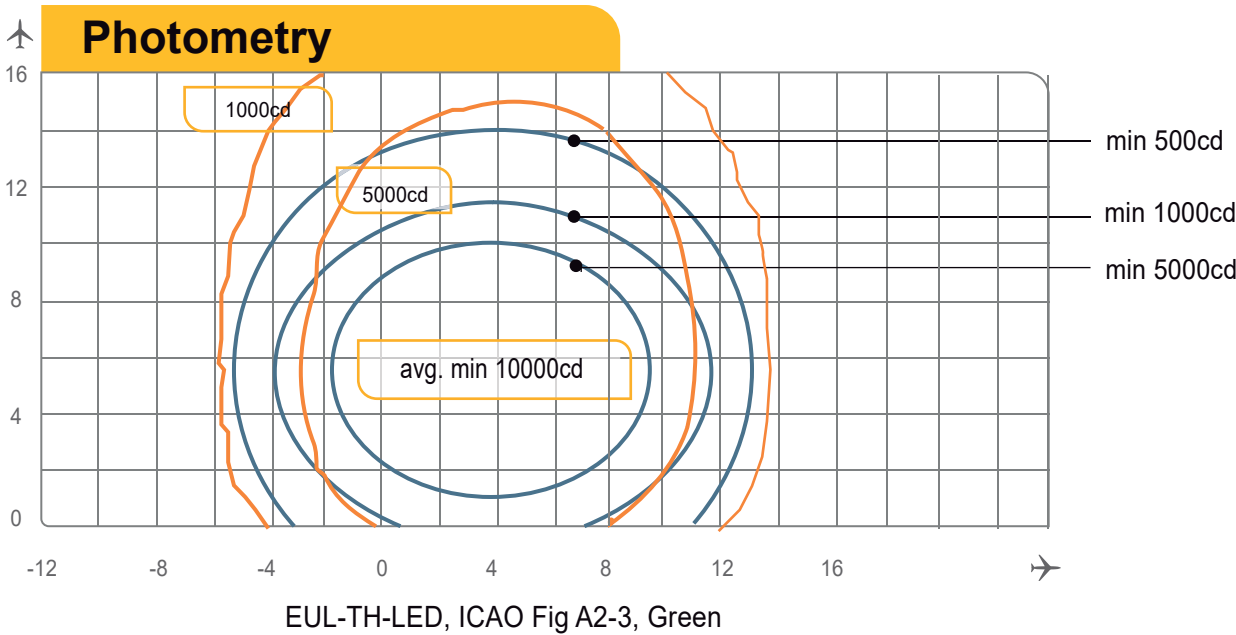
**Figure 2**  
*On 12" deep base*



**Figure 3**  
*On approach mast*

EUL-TH-LED

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Application		Main beam		Color	Required min. avg. cd.	Actual avg. cd.
		H	V			
EUL-TH-LED	ICAO Fig. A2-3	± 5.5° (Toe-in 3,5°)	1 a 10°	Green	10.000	13.520

✈️ **Estructura**

1 Front cover

2 Optical cover

3 Optical cover gasket

4 LED lamp assy

5 Light body

6 Transformer

7 Driver assy

8 Light body gasket

9 Rear cover

10 Front adjusting screw

11 Washer

12 Hinge pin

13 Rear adjusting screw

14 Side locking screw

15 Set screw

16 Body base

17 Waterproof gland

18 Plug

## Spare Parts

N°	Order No.	Description
2	31108	Optical cover
3	41110	Optical cover gasket
4	979242-12-G	LED Lamp assy - Green
6	79125	Isolation Transformer
8	41154	Lamp body gasket
17	48401	Waterproof gland
18	HT70603	Secondary cable connector Style 6

## Accessories

N°	Order No.	Description
1	FL-10	Flange 10"
2	FL-12-X-G2	Flange 12"
3	FC-02	Frangible coupling (2")
4	ITF-04566	Isolation transformer (45W)
5	REC 7	Secondary cable connector style 7
6	954211	Corrector
7	TJB-12	Isolation transformer box



## Weight and Dimensions

- |                         |                                 |
|-------------------------|---------------------------------|
| • <b>Packaging size</b> | 220 x 220 x 265 mm <sup>3</sup> |
| • <b>Weight</b>         | 4,00 kg                         |