

**EBL-RE-LED | LED elevated runway edge light - Airsafe**



**COMPLIANCE:**

- ICAO Annex 14, Vol I
- FAA AC 150/5345-46
- EB 67 D
- IEC-TS 61827
- EASA CS-ADR-DSN
- STANAG 3316
- AENA PPT-016\_06-12

GATE CLOSURES 30 MINUTES BEFORE DEPARTURE

BOARDING TIME

GAES 454843121451100

**BOARDING PASS**

NAME OF PASSANGER

FROM:

TO:

DATE FLIGHT  
GAES2020

GATE **23** SEAT  
**21B**

GOMINTEC BOARDING PASS GOMINTEC

**✈ Uses**

LED elevated runway edge light for airports CAT I, II & III, according to ICAO Fig A2-9 & A2-10.

**✈ Features**

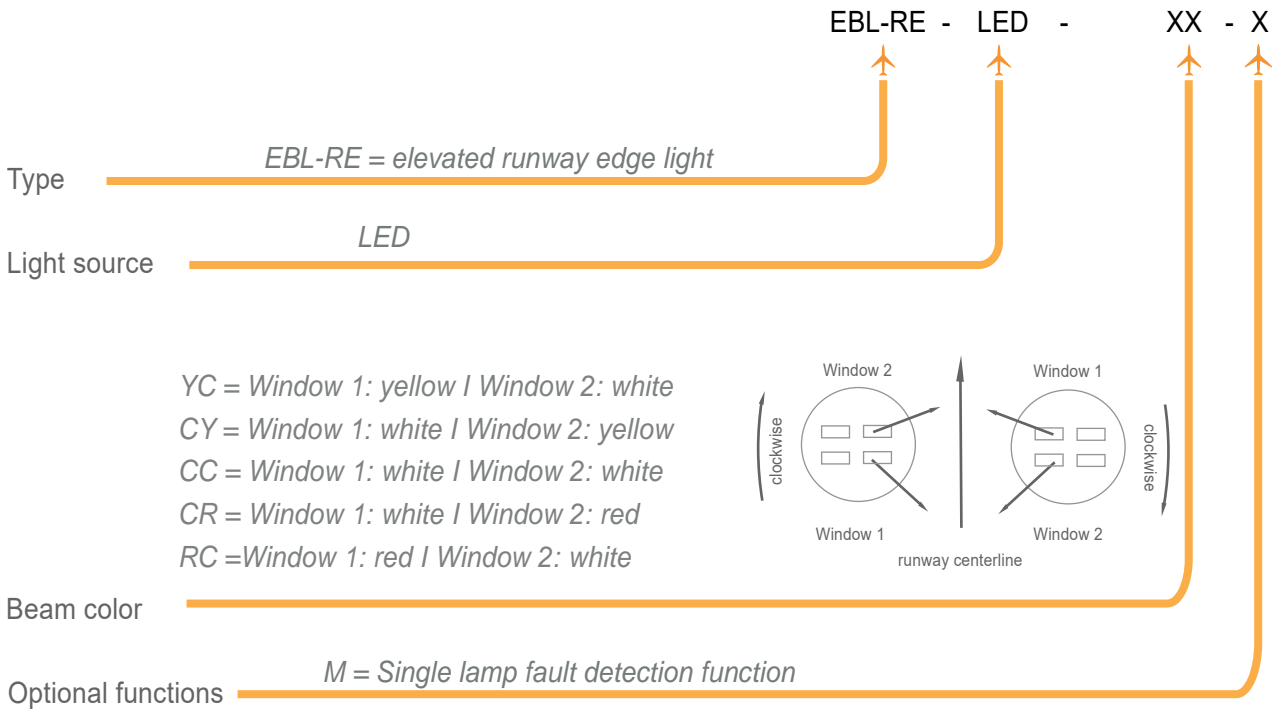
- Robust body built on high strength aluminum alloy, anti-corrosion treatment and excellent thermal dissipation.
- Reduced height to minimize the jet blast impact.
- Stainless steel hardware to grant the waterproof and corrosion resistance.
- Glass diffuser with high resistance to the temperature and 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**

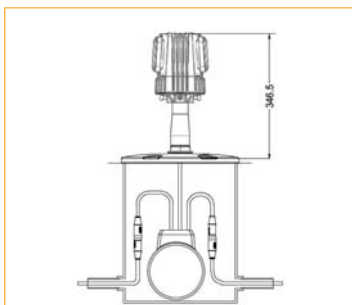
- Power: 2.8A ~ 6.6A, according to FAA EB67.
- Average life: minimum 60.000h at maximum brightness and 100.000h in a normal operating conditions.
- Color: White, Yellow and Red
- Consumption: ≤ 36VA, FP > 0.95
- Index Protection: IP67
- Installation 45W isolation transformer

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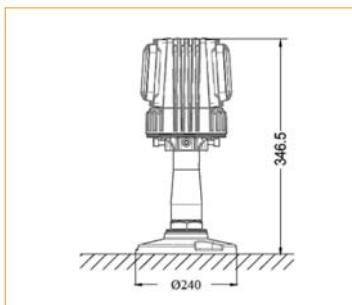
**Order Code**



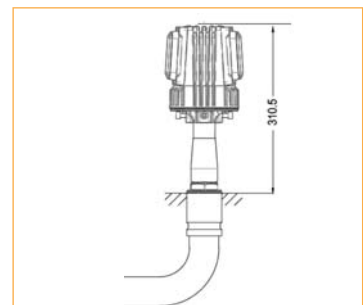
**Installation**



**Figure 1**  
*On 12" deep base*



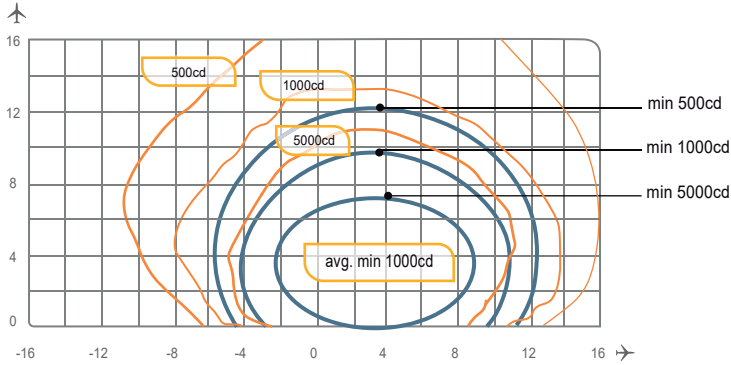
**Figure 2**  
*Flange direct mount*



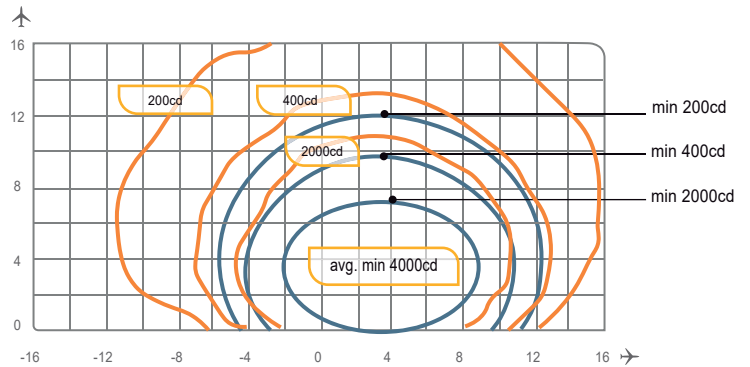
**Figure 3**  
*Embedded pipe mount*

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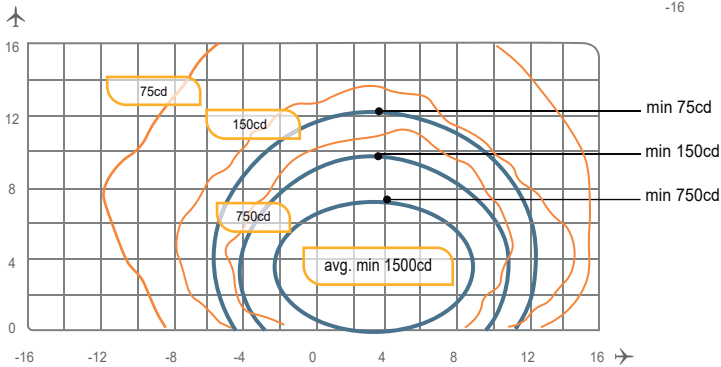
### Photometry



EBL-RE-LED, ICAO Fig A2-9, White



EBL-RE-LED, ICAO Fig A2-9, Yellow

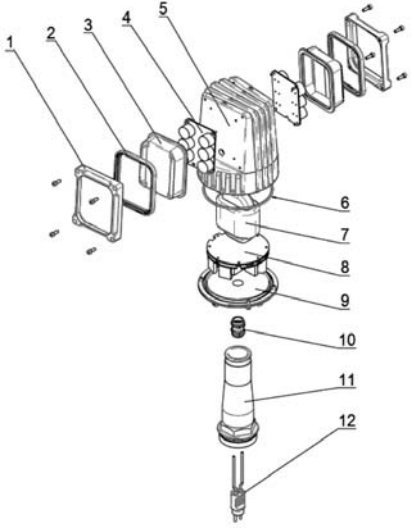


EBL-RE-LED, ICAO Fig A2-9, Red

Application		Main beam		Color	Required min. avg. cd.	Actual avg. cd.
		H	V			
EBL-RE-LED	ICAO Fig. A2-9 FAA L-862 (Toe-in 3,5°)	± 5,5°	0 a 7°	White	10.000	11.982
		± 5,5°	0 a 7°	Yellow	4.000 / 5.000	9.273
		± 5,5°	0 a 7°	Red	1.500 / 2.000	2.523
	ICAO Fig. A2-10 (Toe-in 4,5°)	± 6,5°	0 a 7°	White	10.000	10.392
		± 6,5°	0 a 7°	Yellow	4.000	8.928
		± 6,5°	0 a 7°	Red	1.500	2.411

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Structure



- 1 Front cover
- 2 Optical cover gasket
- 3 Optical cover
- 4 LED lamp assy
- 5 Light body
- 6 Light body gasket
- 7 Transformer
- 8 Driver assy
- 9 Light body holder
- 10 Waterproof gland
- 11 Frangible pole
- 12 Plug

**Spare Parts**

N°	Order No.	Description
1	24135	Front cover
2	41149	Optical cover gasket
3	3110A	Optical cover
4	79243-C	LED lamp assy - white
	79243-R	LED lamp assy - red
	79243-Y	LED lamp assy - yellow
5	241K1	Light body
6	41161	Light body gasket
7	BR45-11346	Transformer
8	979143	Driver assy
9	241J1	Light body holder
10	48404	Waterproof gland
11	24211	Frangible pole
12	HT70603	Plug

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### Accessories

N°	Order No.	Description
1	276A1	Flange 240mm
2	27683	Flange 304mm (FAA standard)
3	54101	Hex wrench for frangible pole od elevated lights
4	946478	Calibrator assy
5	70703	Secondary cable receptacle style 7
6	ITF-045-066	45W isolation transformer
7	TJB-12	Isolation transformer housing



### Weight and Dimensions

• <b>Packaging size</b>	220x220x265 mm <sup>3</sup>
• <b>Weight</b>	17,9 kg