EUL-RG-LED | LED elevated runway guard light - Airsafe

COMPLIANCE:

- ICAO Annex.14, Vol I.
- FAA AC 150/5345-46
- UNE IEC-TS 61827
- EASA CS-ADR-DSN.
- STANAG 3316

BOARDING TIME

GATE CLOSES 30 MINUTES BEFORE DEPARTURE

GAES 454843121451100

GOMINTEC BOARDING PASS

BOARDING PASS

NAME OF PASSANGER

FROM:

TO:

DATE

FLIGHT GAES2020

GATE 23

SEAT 21B

GOMINTEC

Uses

LED elevated runway guard llight for airports CAT I, II & III, according to ICAO Fig A2-25.

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 indentification 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: Yellow
- Consumption: * Table with consumptions at the end of this technical sheet, FP ≥ 0.95
- Index Protection: IP65

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Order Code

EUL-RG - X - LED - XXX - Y - X

- Type: *EUL-RG = Elevated runway guard light*
- Light intensity: *H = High intensity*
- Light source: *LED = LED lamp*
- Power: *066 = 6.6A*
  036 = 36 VDC
  CSB = 6.6A + Battery
- Beam color: *Y = Yellow*
- Optional functions: *M = Single lamp fault detection function*

Installation

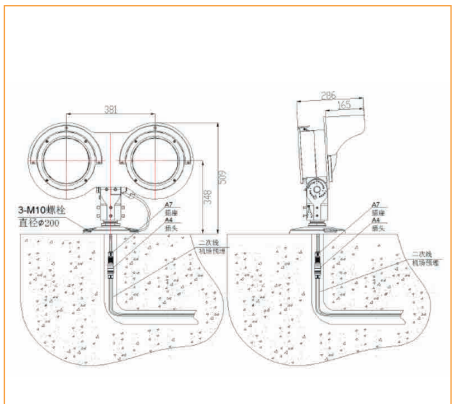

Figure 1
On flange

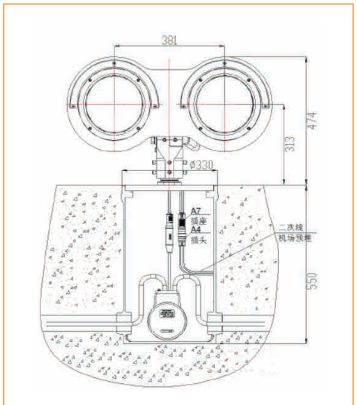

Figure 2
On 12” deep base

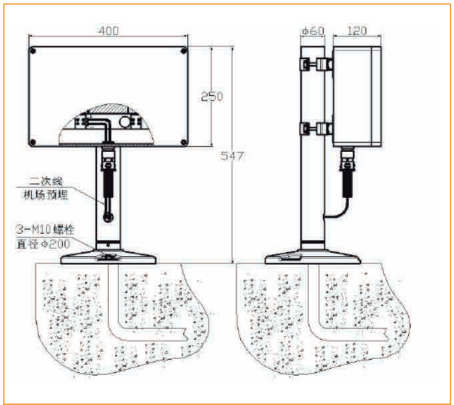

Figure 3
Battery unit box on flange

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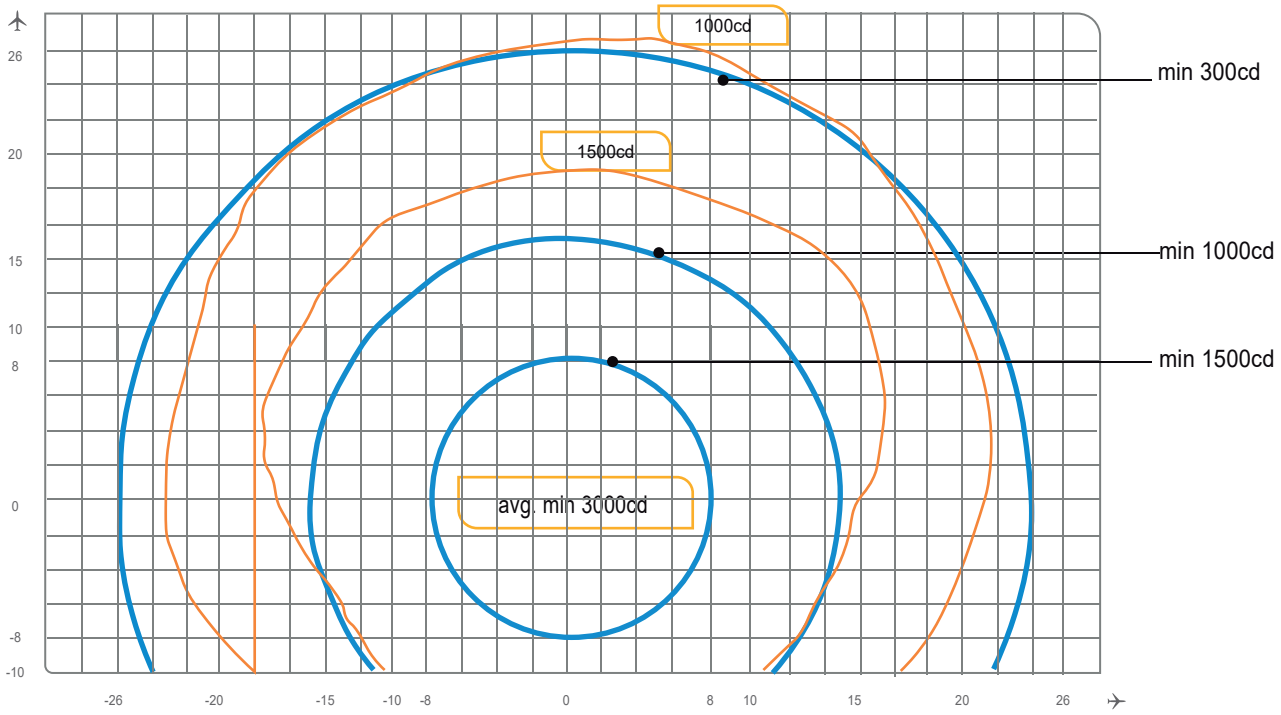
Photometry



EUL - RG - LED, ICAO Fig A2-25, Yellow

Application		Main Beam		Color	Required min. avg. cd.	Actual avg. cd.
		H	V			
EUL-RG -LED	ICAO Fig. A2-25	± 8º	± 8º	Yellow	3.000	3.377

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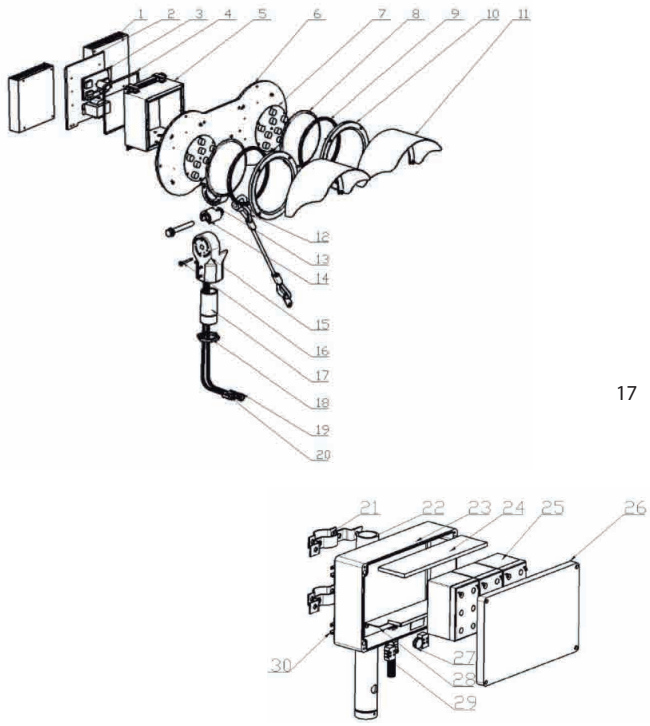
Structure



1. Heating panel
2. Electric box cover plate
3. Control board
4. Electric box gasket
5. Electric box
6. Front panel
7. LED assembly
8. Optical cover
9. Optical cover gasket
10. Front cover
11. Visor cover
12. Chain
13. Connector
14. Connection column
15. Retainer
16. Adjusting pin
17. Flange
18. Nut
19. Style 7 plug
20. Style 6 socket
21. Locking hoop
22. Holder
23. Unit box
24. Insulating board
25. Battery
26. Unit box cover
27. Protective tube
28. Battery fixed plate
29. Terminal board
30. Hoop slot

Spare Parts

Nº	Order No.	Description
3	945545	Control board
4	41122	Electric box gasket
7	979244-Y	LED assembly yellow
8	3110B	Optical cover
9	41178	Optical cover gasket
17	46362	Flange
19	70708	Style 7 double core socket
29	HT70603	Secondary cable connector style 6
22	24263	Holder
25	LC-CA1216	Battery
27	Fusible 6x30x15A	Protective tube
	79130	Transformer

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Accessories

Nº	Order No.	Description
1	FL-10	Flange 10”
2	FL-12-X-G2	Flange 12”
3	ITF-045-066	45W isolation transformer
4	ITF-200-066	200W isolation transformer
5	REC 7	Secondary cble connector style 7
6	REC 4	Secondary cable connector style 4

Weight and Dimensions

• ***Packaging size***	*600 × 400 × 500 mm³*
• ***Weight***	*25,80 kg*

Consumptions table

Power supply	066		036	CSB	
IFT Power	45W		-	300W	
Power consumption	Primary	Secondary	50W	Primary	Secondary
	33VA	43VA		130VA	142VA