AES
Airport Solutions

EUL-THW-LED │ LED Elevated runway threshold wing-bar 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

Uses

LED elevated runway threshold wing-bar light for airports CAT I, II & III, according to ICAO Fig A2-4.

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.
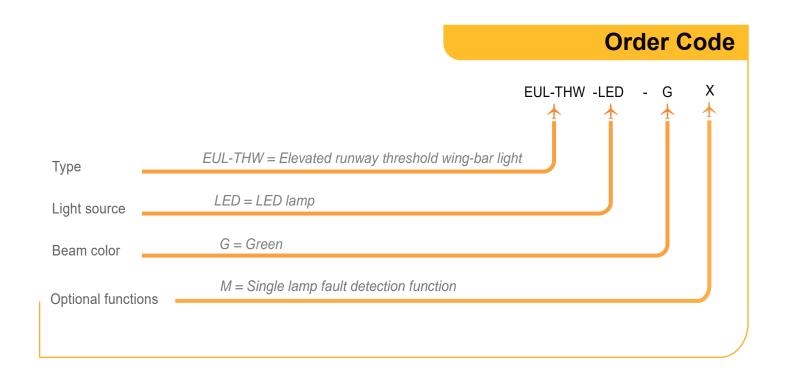- Optional anti-birds device available.

Specifications

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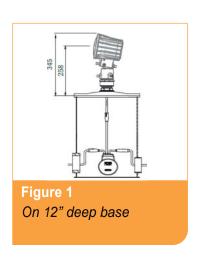Average life: minimum 60.000h at maximum brightness and 100.000h in a normal operating conditions.
- Color: Green
- Consumption: ≤ 36VA, FP ≥ 0.95
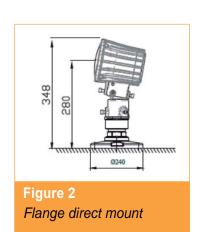- Index Protection: IP67
- Installation with 45W isolation transformer

Order Code

EUL-THW -LED   -   G   X

Type	*EUL-THW = Elevated runway threshold wing-bar light*
Light source	*LED = LED lamp*
Beam color	*G = Green*
Optional functions	*M = Single lamp fault detection function*

Installation

Figure 1
On 12" deep base

Figure 2
Flange direct mount

Photometry

EUL-THW-LED, ICAO Fig A2-4, Green

Application		Main beam		Color	Required min. avg. cd.	Actual avg. cd.
		H	V			
EUL-THW-LED	ICAO Fig. A2-4	± 7º (Toe-in 2º)	0,5 a 10,5º	Green	10.000	12.265

Structure

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

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

Accessories

Nº	Order No.	Description
1	FL-10	Flange 10"
2	FL-12-X-G2	Flange 12"
3	FC-02	Frangible coupling (2")
4	ITF-045-066	45W Isolation tranformer
5	REC 7	Secondary cable connector style 7
6	954211	Corrector
7	TJB-12	Isolation transformer box

Weight and Dimensions

• *Packaging size*	*220 x 220 x 265 mm^3*
• *Weight*	*4,00 kg*