

# EUL-TH-LED

# LED Elevated Runway Threshold Light



### Compliance with Standards

CAAC:AC-137-CA-2015-01 & 03 SAC: GB/T 7256 ICAO: Annex 14, Volume I IEC: TS 61827 FAA: AC 150/5345-46 & EB NO.67 NATO: STANAG 3316

#### Application/Use

Runway threshold light

#### Features

- The LED light is featured by long working life, energy conversation, maintenance-free, which brings enormous economic benefits to customers
- Proprietary optical design to ensure full lighting spot when the glass is partially obscured
- Strict LED color management to ensure premium color consistency
- Light distribution consistent with that of halogen lights, complying with FAA standards
- Proprietary driver circuit and thermal management solution, which greatly improves the reliability and service life of light fixture
- Power factor above 0.9, which minimizes the power network disturbance
- Optional function of single lamp failure detection, which enables the light to simulate open circuit of halogen lamp
- Compact structure and attractive appearance, with small windward area and strong ability against the gales
- The main body is made of aluminum alloy with anti-corrosion surface, all fasteners are made of stainless steel, suitable for harsh environment application
- High-precision parts and components machining to ensure all dimensional quality and precision
- Forged frangible device with precise machining, complying with FAA standards, ensuring good stability and reliability
- IP65-grade protected from total dust ingress
- The fixture can be connected to both one or two-inch extension pole, which ensures convenient and secure installation.
- The calibrator can be installed directly on the body with high precision
- Interchangeable, modular-designed components, applicable for all kinds of elevated unidirectional lights(LED type), which effectively runs down the inventories.

#### Structure



- 1. front cover
- 2. optical cover
- 3. optical cover gasket
- 4. LED lamp assy
- 5. light body
- 6. transformer
- 9. rear cover 10. front adjusting screw 11. washer

7. driver assy

8. light body gasket

- 12. hinge pin
- 13. rear adjusting screw 14. side locking screw 15. set screw 16. body base
- 17.waterproof gland 18. plug

#### Ordering Information

_	
Type	-

EUL-TH=Elevated runway threshold light

Light source

LED=LED lamp

Beam color

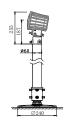
G=Green

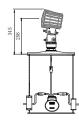
Optional function

M=single lamp function detection function

\* Please provide detailed installation info while ordering, spare parts and accessories should be separately ordered with specific order no.

## Installation





EUL-TH-LED-G-X

Fig 1. On extension pole.

Fig 2. On 12" deep base.

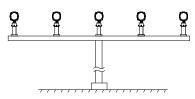


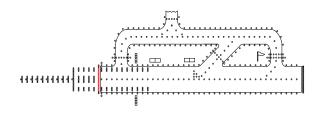
Fig 3. On approach mast.

\* Please find detailed information in installation manual



EUL-TH-LED

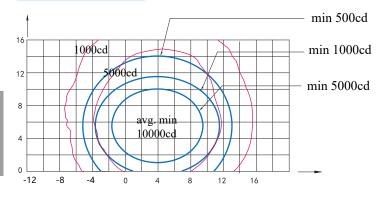
LED Elevated Runway Threshold Light



# Specifications

Light source: 12 green LED particles Power: 36VA Power factor: ≥0.9 IP grade: IP65

#### Photometric Data



#### EUL-TH-LED (Green), ICAO Figure A2-3

Application		Main Beam		Color	Required	Actual
		H V	min avg.		avg. cd	
					cd	ca
EUL-TH-LED	ICAO Figure A2-3	±5.5° (Toe-in 3.5°)	1°—10°	Green	10000	13520

## Packing Data

1 light Unit net weight: 3.5 kg Size: 220×220×265 mm<sup>3</sup> Gross weight: 4.0 kg

# Spar e Parts

Struc No.	Part Name	Order No.	Description
2	Optical cover	31108	Front Glass JJD
3	Optical Cover Gasket	41110	Front Cover sealing components Rubber strip
4	LED Lamp Assy	979242- 12-G	LED Lamp 103 (12-O) Green
6	Isolation Transformer	79125	Ring Form Isolation Transformer (35W)
8	Lamp Body Gasket	41154	O-ring 102*3
17	Waterproof Gland	48401	Metal Waterproof Gland MG20×1.5
18	Style 6 Plug	HT70603	Secondary Cable Connector-A6 Double core plug(Flat Type)-High Temperature resistance

## Accessories

		Description	Order No.
	1	Flange (10 inches)	FL-10
	2	Flange (12 inches) G2 Screw	FL-12-X-G2
	3	Frangible Coupling (2 inches)	FC-02
	4	Isolation Transformer (45 W)	ITF-045-066
÷	5	Secondary Calbe connector style 7	REC 7
	6	Corrector	954211
	7	Isolation Transformer Box	TJB-12

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