



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

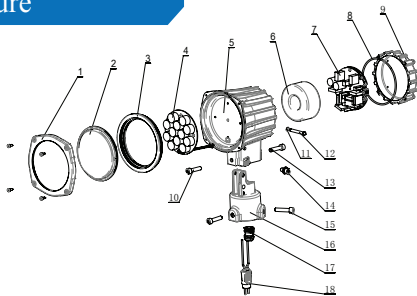
Application/Use

Runway threshold wing-bar light

Features

- LED is featured by long life, effective energy saving, maintenance-free, which brings enormous economic benefits to customer
- Proprietary optical design to ensure full lighting spot when the glass is partially obscured
- Strict LED color management to ensure premium color consistency
- Consistent dimming curve with halogen lamp fixture, complying with FAA standards
- Proprietary driving 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 interference
- Optional function of single lamp failure detection, which enables the light to be open as halogen lamp once LED fails
- Compact structure and attractive appearance, with small windward area and strong wind resistance capability
- The main body is made of aluminum alloy with anti-corrosion surface treatment, all fasteners are made of stainless steel, suitable for various harsh environment applications
- High-precision parts and components machining to ensure all dimensional quality and accuracy
- Forged frangible device with precise machining, complying with FAA standards, ensuring good stability and reliability
- IP65-grade ingress protection of the fixture, keep interior from dust
- The fixture can be connected with one or two-inch extension pole, convenient installation, firmness and reliability
- The calibrator can be directly mounted to the body with convenient and precise installation and calibration
- Interchangeable, modular-designed components, applicable for all kinds of elevated unidirectional lights(LED type), which effectively cuts down the inventories.

Structure



- | | | |
|-------------------------|---------------------------|--------------------------|
| 1. front cover | 7. driver assy | 13. rear adjusting screw |
| 2. optical cover | 8. light body gasket | 14. side locking screw |
| 3. optical cover gasket | 9. rear cover | 15. set screw |
| 4. LED lamp assy | 10. front adjusting screw | 16. body base |
| 5. light body | 11. washer | 17. waterproof gland |
| 6. transformer | 12. hinge pin | 18. plug |

Ordering Information

EUL-THW-LED-G-X

Type ————
EUL-THW=elevated runway threshold wing-bar 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

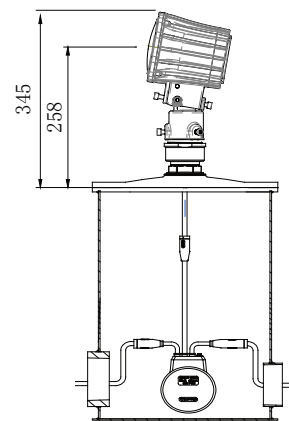


Fig 1. On 12" deep base

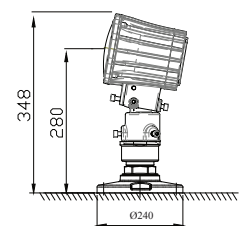
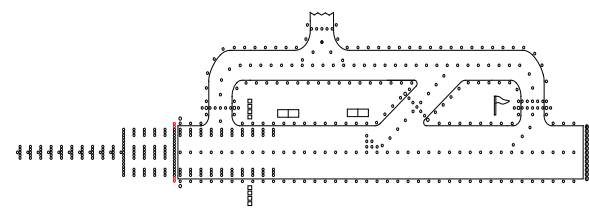


Fig 2. Flange direct mount

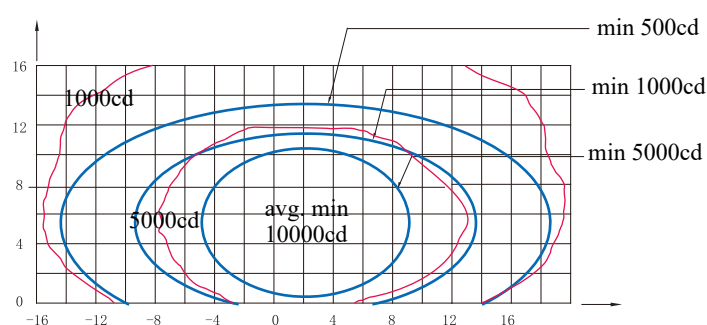
* Please find detailed information in installation manual



Specifications

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

Photometric Data



EUL-THW-LED (Green), ICAO Figure A2-4

Application		Main Beam		Color	Required min avg. cd	Actual avg. cd
		H	V			
EUL-THW-LED	ICAO Figure A2-4	$\pm 7^\circ$ (Toe-in 2°)	$0.5^\circ - 10.5^\circ$	Green	10000	12265

Packing Data

1 light Size: 220×220×265 mm³
Unit net weight: 3.5 kg Gross weight: 4.0 kg

Spare 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