

EUL-SB-LED

LED Elevated Taxiway Stop-bar Light



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

Taxiway stop-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.



Ordering Information

Type

EUL-SB=elevated taxiway stop-bar light

Light source -

LED=LED lamp

Beam color

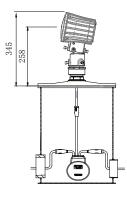
R=red

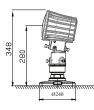
Optional function

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-SB-LED-R-X

Fig 1. On 12" deep base

Fig 2. Flange direct mount

* Please find detailed information in installation manual

Structure



1. front cover

5. light body

6. transformer

- 2. optical cover 4. LED lamp assy
- 8. light body gasket
- 9. rear cover 3. optical cover gasket
 - 10. front adjusting screw
 - 11. washer
 - 12. hinge pin
- 16. body base 17.waterproof gland

15. set screw

18. plug

13. rear adjusting screw

14. side locking screw



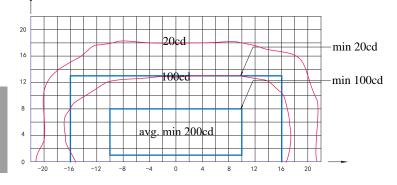
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Specifications

Light source: 2 red LED particles Power: 10 VA Power factor: ≥0.96 IP grade: IP65

Photometric Data



EUL-SB-LED (Red), ICAO Figure A2-12

Application		Main Beam			Required	Actual
		Н	v	Color	min. cd	min. cd
EUL-SB -LED	ICAO Figure A2-12	±10°	1°— 8°	Red	200	380

Packing Data

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

Spare Part s

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-R	LED Lamp 103 (12-O) Red	
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	
19	Lamp Holder	942124	25°Lamp Holder Assy	

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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