



Compliance

FAA: AC 150/5345-46

ICAO: Annex 14 Para. 5.3, for use as runway edge light in Category I, II and III conditions

EASA: CS ADR-DSN.M.675

IEC: 61827

NATO: STANAG 3316

Uses

- High intensity edge lighting for runways up to 60 m width in cat. I, II and III.
- Medium Intensity Runway Lighting

Features

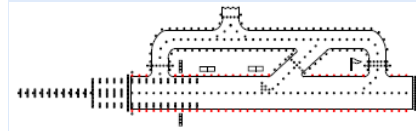
- High strength Aluminum-alloy casting
- Low-profile and small in size to withstand jet blast.
- Stainless steel fasteners guarantees a good sealing and resistance to corrosion
- Borosilicate glass dome with excellent heat and abrasion resistance
- Smooth outer surface of outer lens preventing dirt accumulation and facilitating cleaning operations
- Two piece inner glass lens allows for combination of colours according to the requirements. 180 degree blanking screen available
- Compact structure design
- CNC precision machining for quality and accuracy
- Pre-focus Quartz Halogen PK30d lamp maintaining stable and reliable photometric and easy lamp replacement
- Designed for tool free maintenance
- Durable waterproof design.
- Different color filters available to provide different applications.
- All fittings are tested for leakage and photometry before delivery.

Finish

- Phosphating and baked polyester electrostatic powder coating.
- Colour: aviation yellow
- Stainless steel hardware.

Electrical Supply

6.6 A, through a 150 W isolating transformer.



Elevated
High Intensity
Runway Edge Light

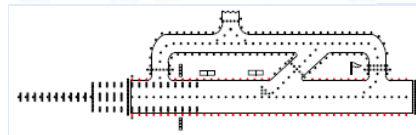
EBL-RE

Airsafe



Components

- 1 Outer cover
- 2 Inner cover clapboard
- 3 Inner cover
- 4 Lamp cover component seal ring
- 5 Cross screw M4*10
- 6 Square washer 4-20
- 7 Lamp cover tray
- 8 Lamp fixture hasp
- 9 Lamp bulb
- 10 Lamp body component seal ring
- 11 Terminal fixed seat JJD
- 12 Lamp body
- 13 Frangible coupling
- 14 A6 two-core plug(include receptacle)



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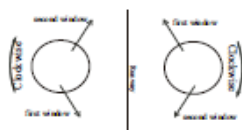
Ordering Information

EBL-RE-II-150-XX

EBL-RE-II — High Intensity Elevated Runway Edge Light

Lamp power — 150 = 1×150W

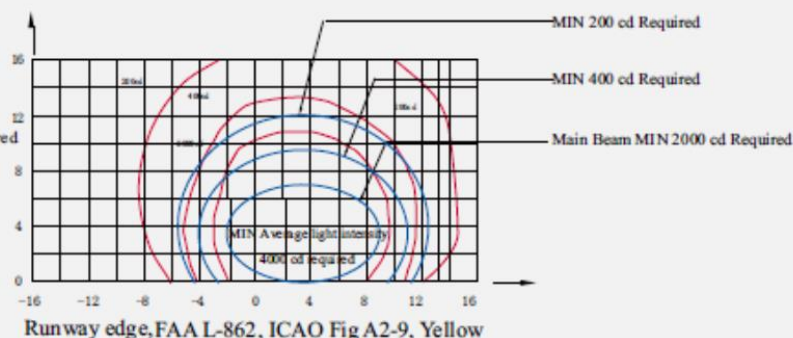
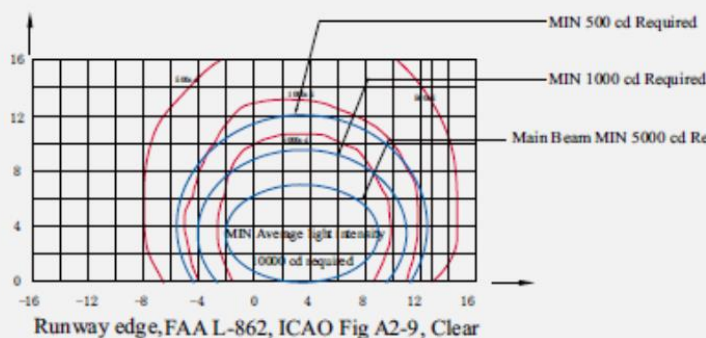
Beam Color (clockwise direction) —



- YC = first window is yellow; second window is clear
- CY = first window is clear; second window is yellow
- CC = first window is clear; second window is clear
- CR = first window is clear; second window is red
- RC = first window is red; second window is clear



Photometric Characteristics



Applications		Angle of Main Light Beam		Color	Average Intensity Required (cd)	Average Intensity Actual (cd)
		Horizontal	Vertical			
Runway Edge	FAA L-862	± 5.5° Inner inclination angle for 3.5°	0 to 7°	Clear	10000	10408
				Yellow	5000	6780
				Red	2000	2233
	ICAO Fig A2-9		0 to 7°	Clear	10000	10408
				Yellow	4000	6780
				Red	1500	2233