



RUNWAY EDGE LIGHTS- LED

High intensity, Bi-directional,
Elevated lights

VAS-REL-L

Compliance with standard

ICAO	Annex 14 Volume-I
DGCA:	CAR Section 4 Part-I
IS:	IS 7785 Part I, II & III
FAA:	AC 150/5345-46 (L-862, L-861)

Features

- Aluminium alloy body- light weight, corrosion-resistant & powder coated.
- Color (White/Yellow/Red) emitted directly by LEDs.
- LED life up to 50000 hours at full intensity.
- Proprietary driving circuit and thermal management solutions, which greatly improves the reliability and service life of light fixture.
- Easy to replace LED Module and no optical adjustment required.
- Modular design for easy handling and maintenance.
- Compact structure and attractive appearance, with small windward area and strong wind resistance capability

Packaging data

- Net Weight:- 4.5 Kg (Approx)
- Gross Weight:- 4.7 Kg (Approx)
- Box Size:- 175mm (l) x 170mm (w) x 320mm(h)

Applications

High intensity , Bi- directional , Elevated Runway Edge lights that can be used in SAPL & ICAO category I, II & III systems for Runways width of 45M as well as of 60M.

Performance

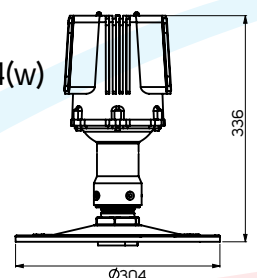
- Power Factor >0.9
- Number of LEDs 12
- Power Consumption 36 Watt
- Temperature -25°C to +55°C
- Lights can withstand with Jet Blast & High Wind Pressure.

Electrical supply

- Suitable for use in 6.6A airfield lighting circuits. Isolation transformer 45 W or above can be used for light fitting.

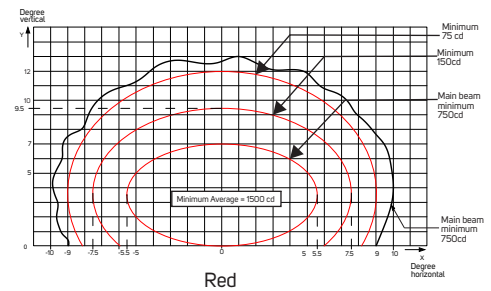
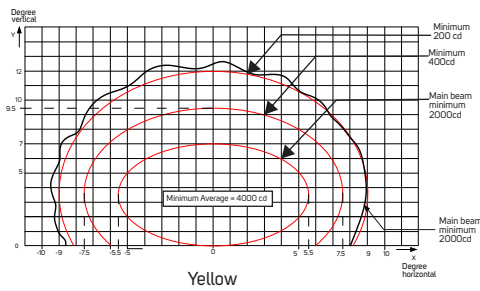
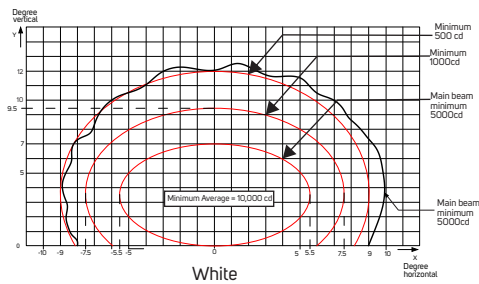
Dimensions

- Dimension:- 336(h) x 304(w)

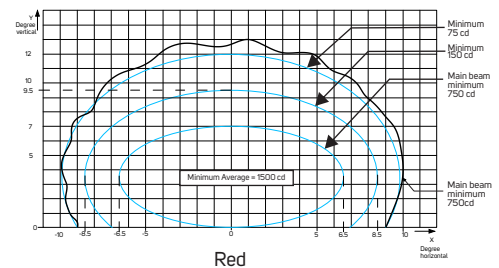
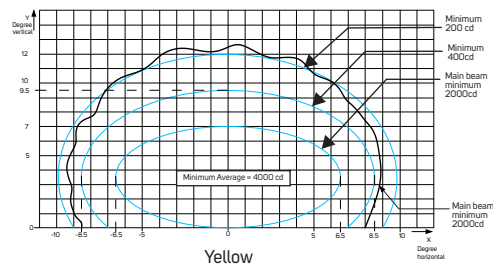
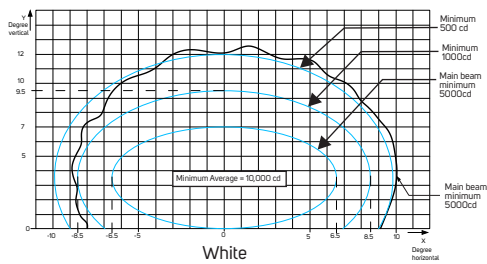


Photometric Data

For 45 Mtr.



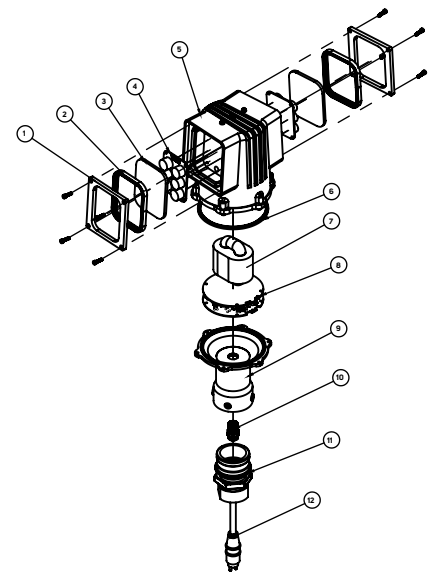
For 60 Mtr.



Application	Main beam		Color	Required Min. Average Cd	Actual Average Cd
	H	V			
ICAO fig. A2-9 (width 45 Mtr.)	±5.5° (Toe in 3.5°)	0-7°	White	10000	>10000
			Yellow	4000	>4000
			Red	1500	>1500
ICAO fig. A2-10 (width 60 Mtr.)	±6.5° (Toe in 4.5°)	0-7°	White	10000	>10000
			Yellow	4000	>4000
			Red	1500	>1500

Components

S No.	Part Name	Order Codes	S No.	Part Name	Order Codes
1	Clamp Ring	REL-L001-0038	7	Transformer	REL-L001-0039
2	Clamp Ring Gasket	REL-L001-0002A	8	Driver	REL-L001-0020
3	Flat Glass	REL-L001-0010	9	Housing pole	REL-L001-0003B
4	LED Module	REL-L001-0006	10	Waterproof Gland	TXE-L001-0016
5	Main Housing	REL-L001-0003A	11	Frangible Coupling	TXE-L001-0005
6	Housing Pole Gasket	REL-L001-0002B	12	Secondary Cable	TXE-L001-0008



Installation

- The Light fixture can be installed on pipe elbow & C.I box.

