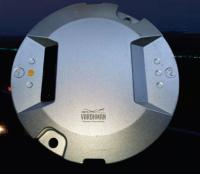
Inset Rapid Exit Taxiway Indicator Light (LED)





Medium intensity Uni-Driectional inset light

VAS-IRETIL-8-Y-L-X

Compliance with standards

ICAO Annex 14, Volume 1

• FAA AC 150/5345-46

FAA Engineering Brief 67D

• IEC 61827

Application

- Rapid exit taxiway indicator light: Lights installed on the runway on the side of the runway centre line that joins the rapid exit taxiway. Use at night or in low visibility conditions.
- Medium-Intensity, Uni-directional, Rapid exit taxiway indicator Light that can be used in ICAO category I, II & III runways.

Specifications

Power Supply

• Rated Power

Power Factor

• Temperature

• Life Time of LED

Protection Class

Protrusion Height

Color

Direction

· Light fitting Size

2.8A~6.6A

17W

>95% at nominal current

-40° C to +55° C

50,000 hrs

IP 68

6.3mm

Yellow

Uni-directional

Ø8"

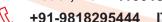
Features

- The light fitting is designed in strict accordance with the technical requirements and specifications of ICAO, IEC and FAA for Runway and Taxiway as Navigational aid light for Airports.
- A surge protection device is provided in the electronics as required by FAA "Engineering Brief 67D.
- The long life, energy saving and maintenance-free characteristics of LEDs bring economic benefits.
- High-efficiency power factor correction circuit ensures effective reduction of interference to the power supply network.
- Efficient design of LED heat dissipation effectively reduces the working temperature of light fitting, LED and drivers to ensure long service life.
- Fully dimmable lights, simulates the dimming curve as per Standard's requirement.
- Electrolytic capacitors of high temperature and long life are used in circuitry to improve the stability of the LED driver.
- The optical prism adopts special tempered glass to prevent the prism from bursting due to drastic changes in temperature.
- Fail-open option is available to achieve compatibility with advance control and monitoring systems. The LED light automatically disconnects from the secondary side of the isolation transformer, resulting in an open circuit condition.



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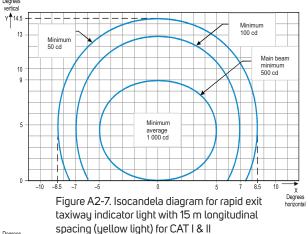
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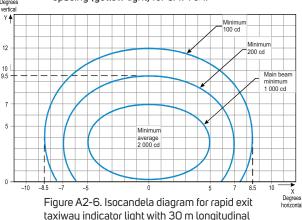
www.vardhmanairports.com

Features

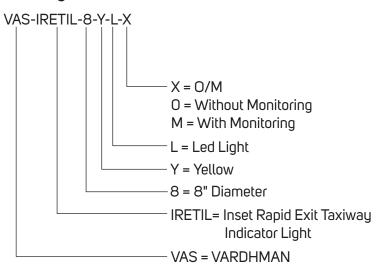
- The overall protection level of the light fitting reaches IP68, preventing dust and rain from eroding the interior of the light.
- Fully compatible with existing airfield lighting series circuits.
- Color emitted directly by LEDs in absence of colored filters ensures no energy losses and no color shifts.
- The main body of the light fitting is made of aluminium alloy which is strong and has good anti corrosion performance.
- The height of light fitting protruding from the ground is only 6.3mm. This helps in strongly reducing vibrations to aircrafts and to light itself, increasing its lifespan.
- The upper cover of the light fitting adopts high strength design and drop forging process, with good mechanical properties, strong bearing capacity and impact resistance
- Fasteners are made of stainless steel which are durable.
- The parts are modularly designed and universal, which are easy to replace.
- Style L-823 connectors are used.

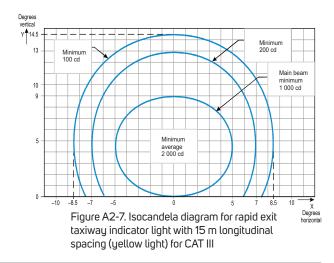
Photometric Data





Ordering information





Rapid Exit Taxiway Indicator Light ICAO Fig. A2-6 & Fig. A2-7		
Runway category	1&11	III
Max./Min. Intensity Ratio	<3.0	<3.0
Color	Yellow	Yellow
Main Ellipse Average Intensity	1,000cd	2,000cd
Main Ellipse Minimum Intensity	5,00cd	1,000cd
Second Ellipse Minimum Intensity	100cd	200cd
Third Ellipse Minimum Intensity	50cd	100cd
Chromaticity	ICAO Annex. 14	
	Fig A1-1b	



spacing (yellow light) for CAT III

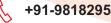


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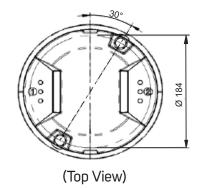
contact@vardhmanairports.com

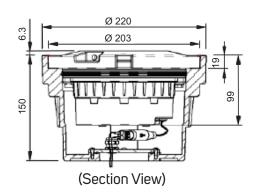


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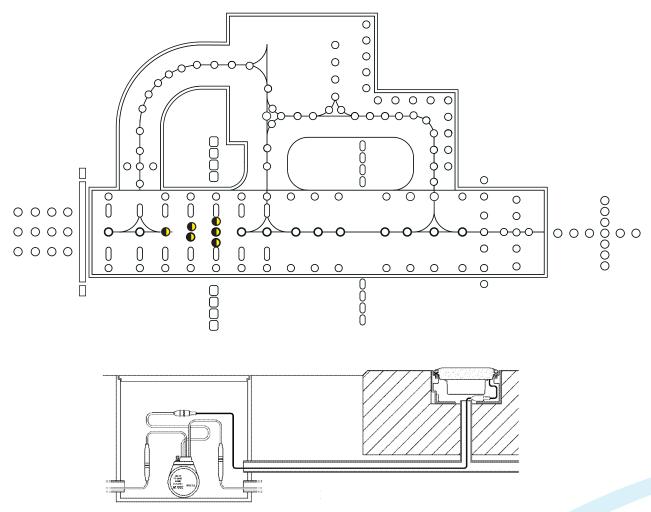


Dimensions





Installation





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