

Inset Aircraft Stand Manoeuvring Guidance Light(LED)



Low intensity Omini-directional inset light

VAS-IASMGL-8-Y-L-X

Compliance with standards

- ICAO Annex 14 - Volume 1
- FAA AC 150/5345-46
- FAA Engineering Brief 67D
- IEC 61827

Application

- These lights help guide aircraft precisely into parking positions on aprons or de-icing / anti-icing areas, especially when visibility is poor, unless other systems already provide enough guidance.
- Low-Intensity, Omini-directional, ASMG Led light that can be used in ICAO category I, II & III runways.

Specifications

- | | |
|----------------------|-------------------------|
| • Power Supply | 2.8A~6.6A |
| • Rated Power | 7W |
| • Power Factor | >95% at nominal current |
| • Temperature | -40° C to +55° C |
| • Life Time of LED | 50,000 hrs |
| • Protection Class | IP 68 |
| • Protrusion Height | 6.3mm |
| • Color | Yellow |
| • Direction | Omni-directional |
| • Light fitting Size | 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.
- 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.



ISO 9001:2015 Certified Company



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CIN U62100DL2014PTC263759

Features

- 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.

Ordering information

VAS-IASMGL-8-Y-L-X

X = O/M

O = Without Monitoring

M = With Monitoring

L = Led Light

Y = Yellow

8 = 8" Diameter

IASMGL= Inset Aircraft Stand
Manoeuvring Guidance
Light

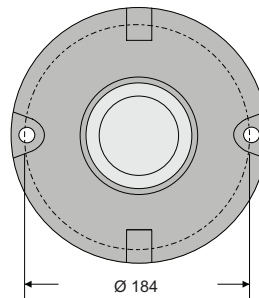
VAS = VARDHMAN

Photometric Data

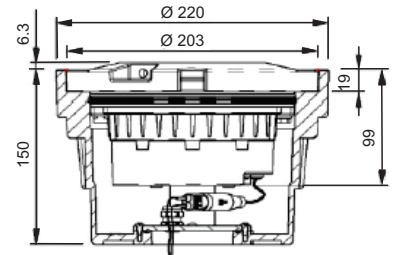
Aircraft Stand Manoeuvring Guidance Light ICAO doc 9157 ADM- Part 4, Chapter 12, Clause No.12.2

Colour	Yellow
Vertical 1° to 4°	60 cd
Chromaticity	ICAO Annex. 14 Fig A1-1b

Dimensions

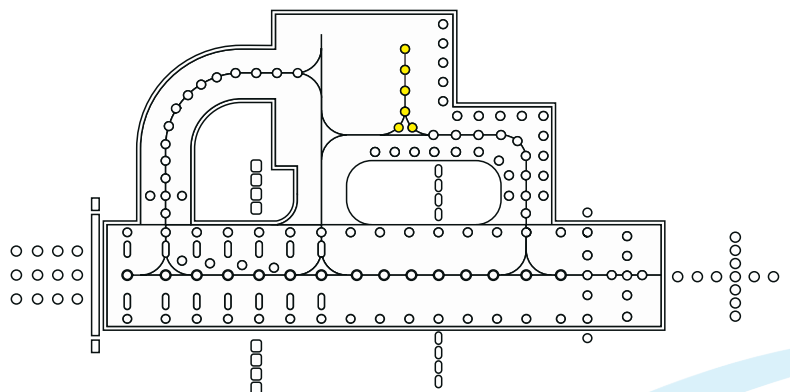
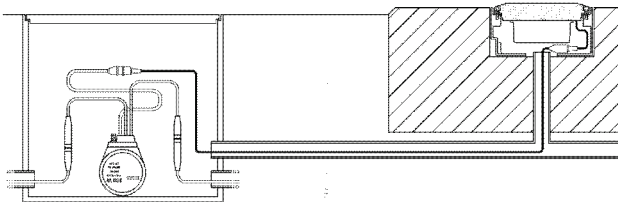


(Top View)



(Section View)

Installation



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