

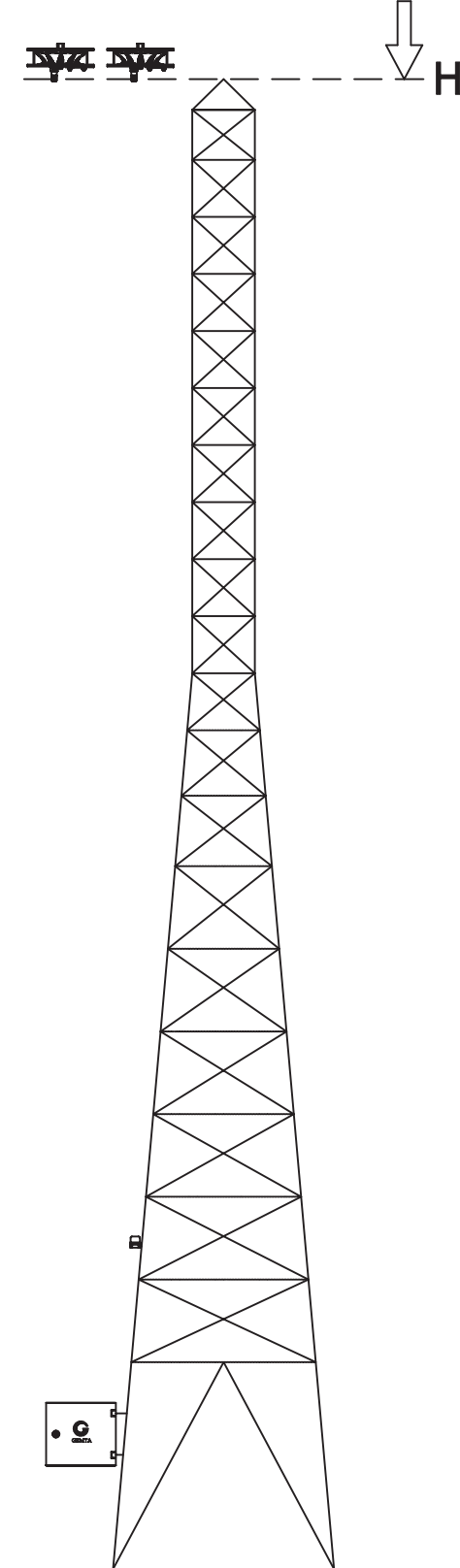
AIRCRAFT WARNING LIGHT SYSTEMS

MEDIUM INTENSITY SYSTEMS

GUIS-02M (AC-DC Supplied, Double Warning Lamp+Control Box)



ICAO Type B
ICAO Type C
(Medium Intensity)



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INTRODUCTION: GEMTA Aircraft Warning Light Systems are designed and produced to warn against dangerous obstacles for aircraft. System consists of 2 Single Lamp Armatures and 1 Control Box. System operates under the control of a photocell relay. System turns the lights on when the ambiance gets dark and turns off when the ambiance gets lighten. In the control box, by the "manual" option of the photocell relay, system operates day/night continuously. Functionality tests must be conducted on manual mode at first installation.

1-Backup System: While one of the Lamp is working, the other Lamp waits as a spare.(figure-1) If active Lamp fails, it sends a failure warning to the backup Lamp and turns it on after 4 second.

2-Failure Warning System: With the help of failure warning, user is able to control the operation of system from a distant place. User installs the system by connecting failure outputs (COM:Common - NO:Normally Open) to sounded or lighted warning device. In case of any failure, lamps send warning to failure warning unit inside the control box. By means of Failure Warning System, problem is solved in a short time.

TECHNICAL SPECIFICATIONS:

- 1-Supply Voltage ($\pm 10\%$) : 24V DC/48V DC & 220V AC / 230V AC
- 2-Use Type : Night
- 3-Lamp Type : LED (Red Light)
- 4-Light Intensity : Medium Intensity: >2000cd
- 5-M.t.b.f : 100.000 hours
- 6-Operating Mode : ICAO Type B: Backup - Blink
ICAO Type C: Backup - Steady
- 7-Average Power Consumption: 55W (220/230V AC) , 40W (24/48V DC)
- 8-Operating Temperature : $-30^{\circ}\text{C} / 55^{\circ}\text{C}$
- 9-Failure Warning Contacts : Exists

MECHANICAL SPECIFICATIONS:

Armature;

- 1-Material : Anodized Aluminium
- 2-Lamp Protective Cover : Polycarbonate
- 3-Bolts, Nuts, Washers : Stainless Steel (inox)
- 4-Protection Class : IP-66
- 5-Dimensions : See figure-2
- 6-Weight : 4 kg

Control Box;

- 1-Material : Sheet Metal (ST-37)
- 2-Under Painting Surfacing : Electro Galvanized
- 3-Paint : Ral-7035 Electrostatic Polyester
- 4-Bolts, Nuts, Washers : Stainless Steel (inox)
- 5-Protection Class : IP-65
- 6-Dimensions : See figure-3
- 7-Control Box Weight : 7 kg

PACKAGE DETAILS:

- 1-Package Dimensions : 500x360x360mm
- 2-Weight : 16 kg
- 3-Content : Armatures, Control Box, Manuel User
- 4-Maximum Number of Stock : 5 pcs / package

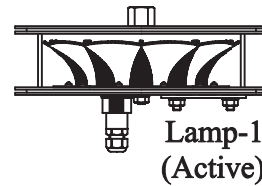


Figure-1

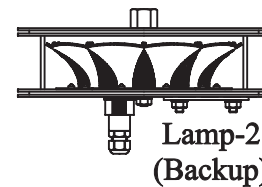


Figure-2

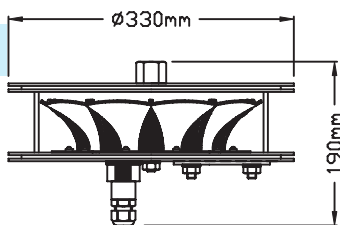
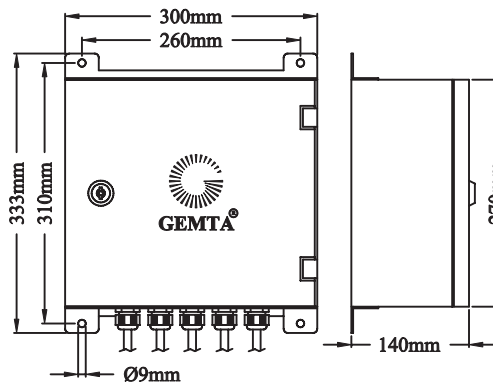


Figure-3

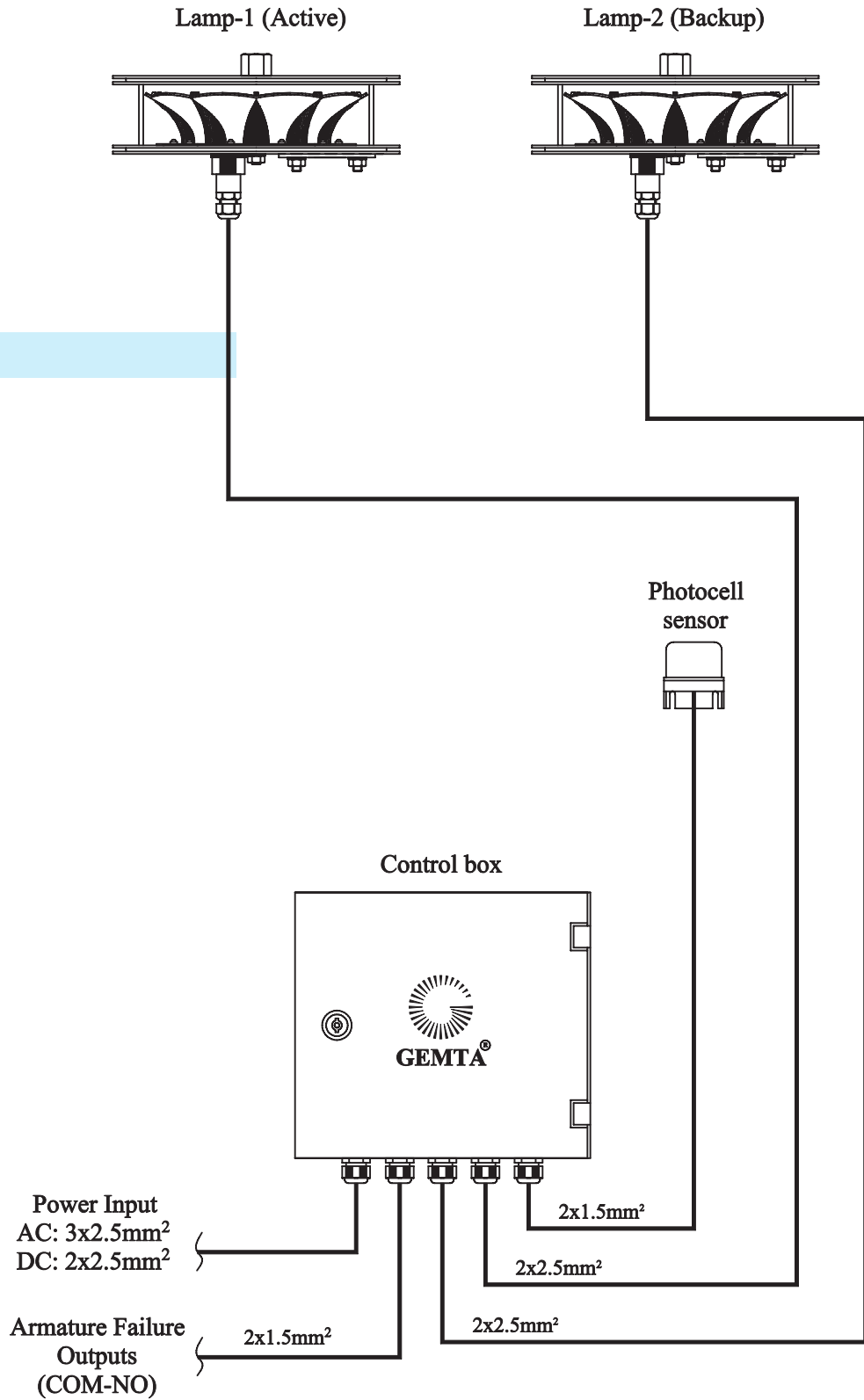


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Figure-4



WIRING DIAGRAM