

LTAL - LED Traffic Airport Light

Order Code

AL – LATL – RGR – 230 - FB



Features

- Dual red flashing + steady green LED
- configuration for clear ATC-controlled traffic signalling at taxiways and holding positions
- Automatic day/night intensity adjustment via integrated photocell (100% brightness by day, reduced to 10% at night)
- Separate power inputs allowing independent ATC switching of red and green functions
- Built-in LED failure monitoring with dry-contact relay alarm triggered at 25% LED degradation
- High-intensity LED technology providing excellent visibility with low power consumption
- Low-profile frangible bracket mounting for enhanced safety and easy installation
- Robust powder-coated aluminium housing in aviation yellow (RAL 1004) with anti-glare black visor
- Lightweight aluminium construction for simplified handling and reduced installation effort
- Low power consumption — only 20 W (red) / 12 W (green)
- IP65 rated with clear polycarbonate disperser, stainless steel fasteners, and high environmental durability

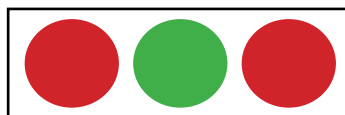
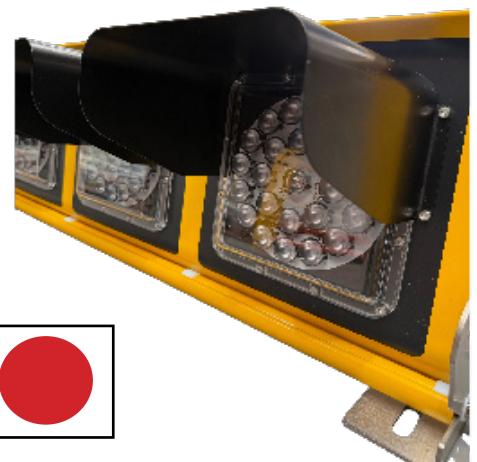
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The LTAL is a compact, high-intensity **LED Airfield Traffic Light** designed to provide clear, reliable visual guidance for aircraft and ground vehicles at taxiway intersections, holding positions, and other controlled movement areas. It features two red LED arrays that flash alternately (approximately 45 flashes per minute) alongside a single green LED array that burns steadily, enabling precise ATC-controlled signalling for stop/go instructions.

Supplied in a 230 VAC configuration (order code AL-LATL-RGR-230-FB) and mounted on a low-profile frangible bracket, the LTAL automatically adjusts intensity via an integrated photocell — operating at 100 % brightness during the day and reducing to 10 % at night for optimal visibility and energy efficiency.

Separate power inputs allow independent ATC switching of the red and green functions, while built-in current-based monitoring triggers a dry-contact relay alarm if LED degradation reaches 25 %.

It is Compliant with ICAO Annex 14 and DIO VA01:2022, the LTAL combines robust powder-coated aluminium construction, low power consumption (20W Red / 12W Green), IP65 protection, and minimal maintenance requirements, making it a dependable, cost-effective solution for enhancing safety and operational control in demanding airport environments.



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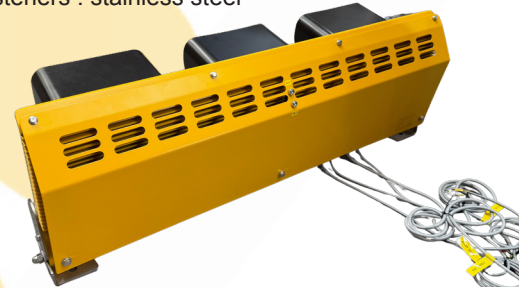
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Material

- Housing : Powder coated aluminum RAL 1004 (aviation yellow)
- Fastening System : powder - coated aluminum, RAL 1004 (aviation yellow)
- Anti glare visor : powder - coated aluminum, RAL 9005 (gloss black)
- Dispenser : clear polycarbonate
- Cable gland : nickel plated brass
- Fasteners : stainless steel



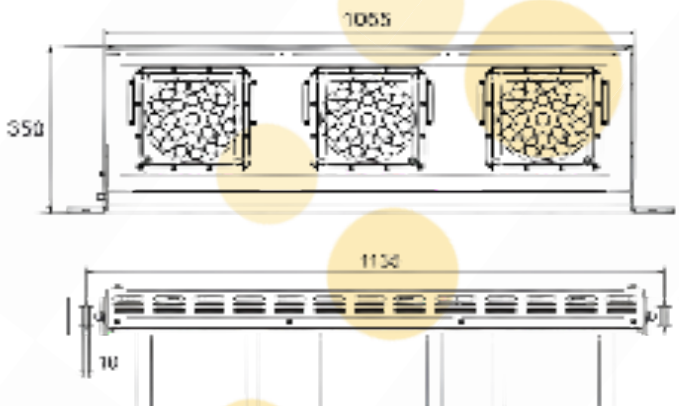
Packaging Details

Product Dimensions 1055 x 350 x 255 mm

Outer Dimensions 1150mm x 450mm x 400mm.

Product Weight 34Kg Gross Box Weight 40Kg

Dimensions



Compliance

ICAO:

Annex 14, Volume I - Aerodrome Design and Operations

DIO:

VA01 : 2022



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