

# GLOBAL SOLUTION for Airfield Ground Lighting

## Low Intensity Lighting Package Lo Li Pack



# GLOBAL SOLUTION for

## LoLiPack Presentation:



The **LoLiPack** system is intended for airports fitted with up to # 2000 meters runway, opened for VFR flights.

This **package** originally includes all **Airfield Ground Lights** necessary for visual aids, their **Constant Current Regulators** supplying the lights and the **Monitoring & Supervision system** allowing the control of the installation **from the ATC**.

The lights are Low Intensity type, using **LED technology**.

An **optional set of equipment** allows to complete the package depending on the airport needs.



## LoLiPack - Some Examples:



For a **2,000 m long airstrip** + 800 m long taxiway, the original **LoLiPack** kit would be made of :

- 58 elevated white runway edge lights,
- 12 elevated green and red runway threshold/end lights
- 54 elevated blue taxiway edge lights,
- 3 x 1 kVA CCR  
*in order to stick to the interleaving rules and*
- 1 remote control system.

For a **1,200 m long airstrip** + 100 m long taxiway, the original **LoLiPack** kit would be made of :

- 36 elevated white runway edge lights,
- 12 elevated green and red runway threshold/end lights
- 8 elevated blue taxiway edge lights,
- 3 x 1 kVA CCR
- 1 remote control system.



*Contact us  
for a deeper study*

## Standards:

The entirety is designed to respect **Aerodrome Design manual of ICAO and its annex 14**.

The **Constant Current Regulators** are compliant with the **IEC 61822 standard**.

The **Airfield Ground lights** are compliant with the ICAO annex 14 and **certified in France**.

# Airfield Ground Lighting

## LoLiPack - Standard Components:



The **Remote Control** is operated by a **SBS1000 system**, for which the simplified conception allows the material control with an **Ethernet network connexion**, by simplifying the installation with a « **plug and play** » type product.



The lighting supply is made by last generation of **CCRs DIAM 3100** type. Their number is: **3 to 5 units** depending on the configuration. Those dimmers are **stackable**, in order to limitate the floor space that sometimes could be a problem.



Their power is limited at **6.5 kVA** in order to remain **in the LV domain (< 1000V)** for the AGL circuits.



**Marklight®** designed by AUGIER, with **LED lights**, combining a **retro reflective MARKER** function and are directly supplied by the lighting primary circuit **without external serie transformer**. **Marklight®** range of elevated lights are **LOW INTENSITY** lights.



## LoLiPack - Optionnal equipment:

1. Primary Cables & Connectors (1.1 kV)



3. RTIL (Runway Threshold Identification Lights)



2. PAPI system



4. Obstacle lights



5. Radio remote control

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