

FB TECHNOLOGY

World Leader in Airfield Photometry

PAXIGN

Photometric Airfield Signs Calibration



**Have a project, need some advice ?
Contact our team.**



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Airfield Guidance Signs



The Airfield Signs are signs that are used to provide pilots with mandatory instructions, information on a specific location or destination on a movement area.

They not only have to fulfill mechanical and dimensional characteristics but also very precise light output criteria for illuminated signs.

All Markings & Signs

On airports, there are 4 main signs and markings categories. Each of them follow specific background and inscription colours to identify the category.

Mandatory Signs . Destination Signs . Information signs . Runway distance remaining signs

**Additional signs categories exist in FAA standards*



How to correctly maintain airfield signs ?

WHAT THE REGULATIONS SAY

The ICAO and FAA have defined technical requirements for airfield illuminated signs among them :

- The height of the visible front face
- The form, size and spacing of printed characters
- The average luminance of the signs
- The ratio between luminance values of adjacent grid points
- The chromaticity of the different signs colours

All signs on the airport need to respect the international standards. To get the most of your signs, the maintenance teams have to undertake repetitive actions to make sure the signs are compliant and efficiently working to ensure the maximum level of safety.

HOW TO DEAL WITH SIGNS MAINTENANCE ?

Make your signs Compliant

FB Technology, World Leader in Airfield Lighting Photometry since 25 years, developed a highly effective system to measure and ensure the photometric conformity of the airfield signs.

Let's introduce
PAXIGN



Photometric Airfield Signs Calibration

PAXIGN

The PAXIGN can either be used in workshop or on the field to **measure** and **ensure** the photometric conformity of the airfield guidance signs.

PAXIGN is known as the best signs measurement system on the market.

The solution is based on latest camera technology that provides to the airport operators the solution to maintain the airfield guidance signs.

PAXIGN is easy to use thanks to its user-friendly HMI, it is fully portable to allow efficient field measurements. The data acquisition takes few seconds and the measurement report is immediately available to the operator, to allow immediate maintenance actions if required.



THE ADVANTAGES



High accuracy
& precision



Easy to use



Time effective



Hand portable



Automatic



Night operation
for airside



On site
& in workshop



Measurement
records

All our products are in compliance to **ICAO** and **FAA**
standards and recommendations.

Your PAXIGN comes with...

- A portable calibrated **high precision camera** for luminance & chromaticity measurement
- A **7" tablet** running a user-friendly software with system operation, data acquisition & report display
- Data exchange & connection assured by USB cable connection



Follow our
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THEY USE THE PAXIGN

Hong-Kong, ADB Safegate



Italian airports, SIEM



US Airports, ADB Safegate



Other Products



PAC² V5

Bi-directional measurement
of airfield lights



MARC ONE

Autonomous robot for
photometry & maintenance



SoDICE

Cleaning light system



PAC π

PAPI lights measurement
system



PAC Apron

Measures the lux values
of the apron floodlighting

FB Technology

PAXIGN - Brochure



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