FB TECHNOLOGY

World Leader in Airfield Photometry

MARC One

Revolutionary Robot for Airfield Maintenance

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

+33 1 69 11 11 11

fbtech@ftechnology.com

Airport technical teams have less and less time

The airfield technical teams need to avoid performing routine or corrective mainteance. It is costly in time and money.

Moreover, some repetitive tasks will tired employees and the reliability of their actions will be impacted negatively.

Manual light measurement do not provide the greatest efficiency

Human is often less reliable and efficient than machines.

That is why, FB Technology developed a patented robot to **perform your airfield lighting maintenance tasks**.

MARC One is **faster than any other product of the market** and need **only one person to easily monitor the system**.


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Controlling Airfield Lights is Critical to Ensure Safety

Years after years, we hear about severe accidents caused by bad conditions airfield lightings.

Using MARC One, you can make sure all your equipments are in good state and match the OACI recommendations at all time.

Aircraft traffic is often disturbed by maintenance tasks

Cleaning and verifying the scews of runways take mainteance teams a lot of time and automatically disturbs aircraft traffic causing delays, loss of money for airfield companies and challenges for traffic controllers.

With MARC One, **maximize runways avaibility by reducing the measurement time by at least 50%..**

FUNCTIONALITIES

- Photometry Measurement
- Bi-directional Sensors Strip
- Torque Checking
- Light Cleaning
- Ilsolux Curves

THE SYSTEM

MARC One **automatically measures Airfield Ground Lighting photometry** and checks for compliance with its bi-directional sensors strip.

It also **checks if the torque to secure the bolts of the inset light fixtures has been applied correctly**.

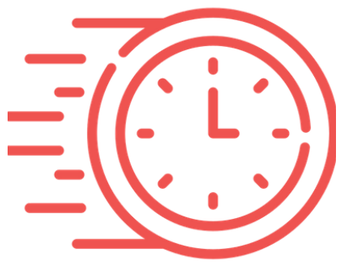
Moreover, the robot can **perform cleaning** of AGL lights & isolux curves of airport aprons.

Watch the video

Technical Characteristics

- A GPS allows the robot to precisely follow the path of lights in a complete autonomous manner
- The system provide real time results on a tablet & generates reports on equipment state
- Only one supervisor is necessary, optimizing staff allocation
- The Bi-directional sensor trips allows to check the bi-directional lights in one run reducing the time by 2.

THE ADVANTAGES



Its bi-directional sensors strip will allow you to reduce by 2 the time spent measuring & maximize runways avaiblity.

Save money by reducing maintenance costs. MARC One will prevent you from paying for corrective maintenance.

Secure the traffic with better precision & better reliability in maintenance tasks.

Better use your time by concentrating your maintenance team efforts on added value actions & keep the repetitive or time-consuming tasks for MARC One.

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Other Products

PAC² V5

Bi-directional measurement system for AGL

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PAC π

PAPI lights measurement system

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PAXIGN

Chromatic & luminance signs measurement

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SoDICE

Cleaning light equipment

—

PAC APRON

Measure the lux values of the apron floodlighting

—

FB Technology

MARC One - Brochure

Contact

Phone: +33 1 69 11 11 11

Email: fbtech@fbtechnology.com

Web: www.fbtechnology.com

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