

AIRSIDE SERVICES

PAC Lab II

Photometric Airfield Calibration



Control and Measure

PAC Lab II, by FB Technology, is an associate product of PAC system (Photometric Airfield Calibration).

The PAC Lab II system improves the maintenance work, making it more efficient and accurate by providing the capability to control the light output of each fitting before installing them on site.

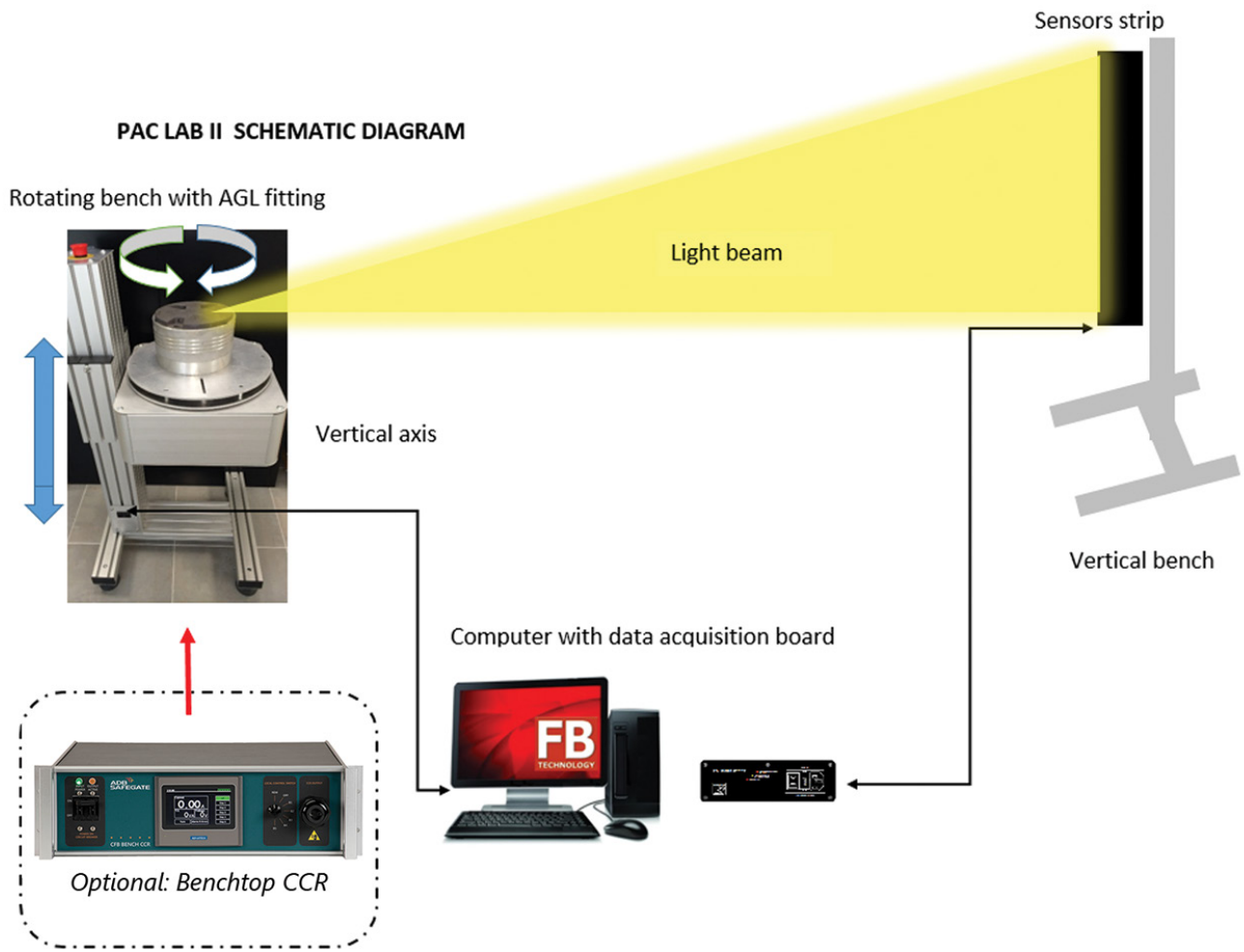
The system measures and controls all the AGL inset and elevated lights. It is placed preferably inside a dark room or a specific enclosure can be built around the system if it has to be used in a clear open space. But,

Control and Measure (continued)

thanks to a specific cache to be installed on the sensors strip, runway or approach light fittings can be measured in a normally lit office room. The system uses a computer unit for monitoring the process.

The light fittings are positioned on a rotating plate in front of the PAC sensors strip fixed on a vertical bench. Bidirectional fittings are automatically measured both sides.

To facilitate the operator's action, the rotating plate moves upwards and downwards so that fitting positioning remains user-friendly.



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PAC Lab II

Features

- Measures all light fittings
- Beams of bidirectional fixtures are measured automatically one after the other
- The system is preferably installed in a dark room or a specific enclosure can be provided upon request
- Or for runway and approach lights, using a dedicated cache, fixtures can be measured in a normally lit office room
- Reliable, precise and quick results in candela
- Instant report edition
- No adjustment prior to taking measurements
- Dedicated functions to support AGL maintenance
- Variable measurement speed
- Integrated database
- Users of PAC system can share the same sensor strip for both in-field and workshop measurements
- Optional power supply - The AGL fixtures, from LED low power lights to 500W halogen fixtures, can be supplied with ADB SAFEGATE's CFB Benchtop CCR. See data sheet 3068 for more information.

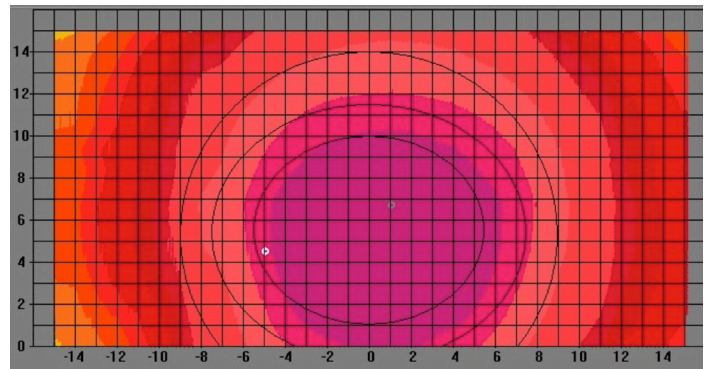


Technical Data

Average measurement speed	10 to 30s per light (light pre-heating and fixture replacement not considered)
Operating System	Windows® XP, 7 or 8
Required space	1.30 m x 3.50 m x 1.50 m (W x L x H) 4.27 ft x 11.48 ft x 4.92 ft (W x L x H)
Precision	± 2 %
Temperature range	-30 °C to +70 °C (-22 °F to + 158 °F)
System power supply	220 VAC
Sensors strip (if provided):	Weight : 8 kg / 17.64 lb Dimensions: 1 m x 16 cm x 12 cm (L x W x H) 3.28 ft x 6.3 in x 4.72 in (L x W x H)

The system provides the following results

- Maximum and minimum value in candela found in the light beam
- Average light intensity value in candela
- Position of maximum and minimum points in V° and H°
- Isocandela diagram of the light beam providing ICAO grid points
- Compliant to ICAO, FAA and airport maintenance levels (Pass or Fail)



All products are compliant with ICAO, FAA, STAC standards and recommendations. Manufactured in Évry, France by FB Technology.



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Product specifications may be subject to change, and specifications listed here are not binding. Confirm current specifications at time of order.

