FB TECHNOLOGY
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PAC Lab Photometric Airfield Calibration

Workshop photometry controller

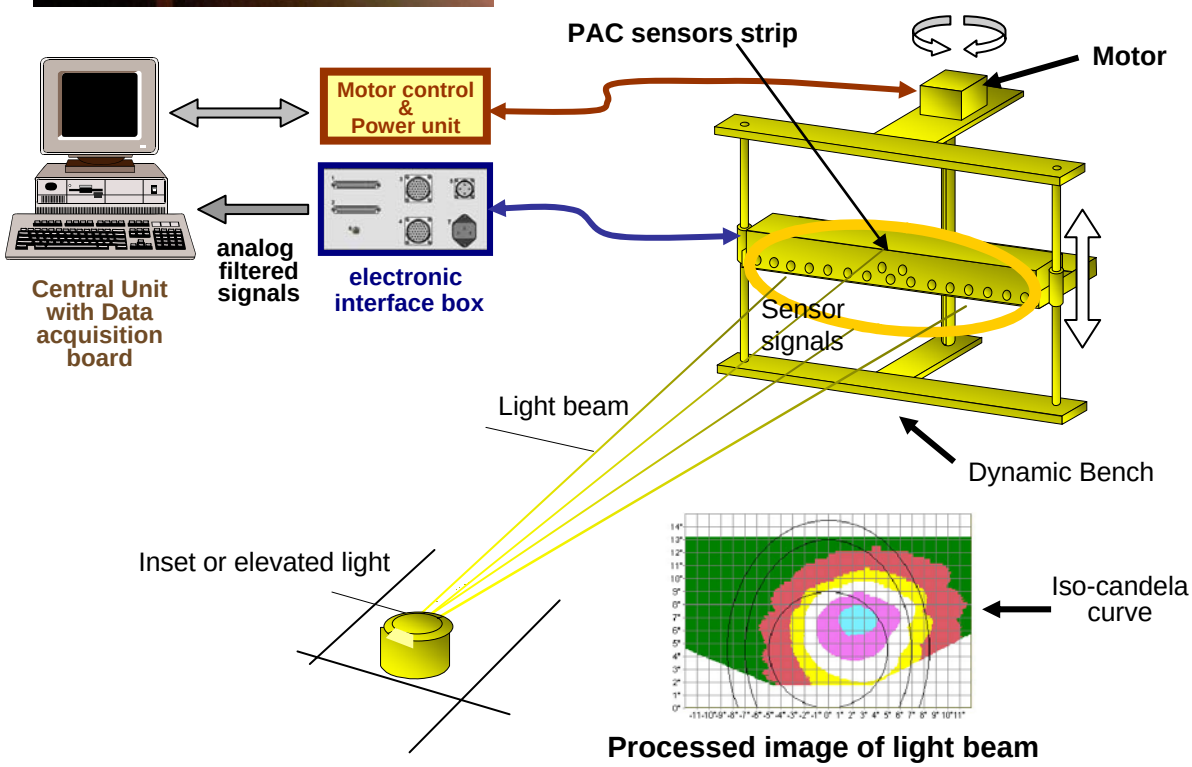
Control and mesure

PAC Lab is an associate product of PAC system (Photometric Airfield Calibration).

The **PAC Lab** 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 and uses a central unit for monitoring the process.

The light fittings are scanned vertically by a sensor array strip fixed on a dynamic bench that travels both upwards and downwards.



A complete range of airfield lighting products

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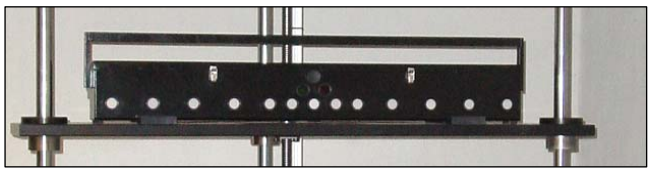
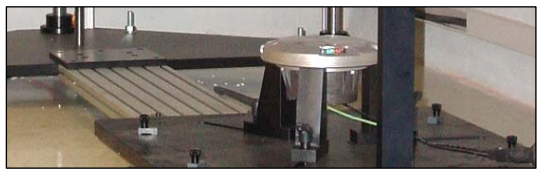
Workshop photometry controller

Features

- Measures all light fittings
- The system is preferably installed in a dark room
- Reliable, precise and quick results in candela
- Instant report edition
- No adjustment prior measurements
- Dedicated functions to support AGL maintenance
- Variable measurement speed
- Users of PAC system can share the same sensor strip for both in-field and workshop measurements





Technical data

- Measures all light fittings
- Average measurement speed : 10 to 30s per light (light pre-heating and fitting replacement not considered)
- No enclosure necessary, ambient light exposure close to 0 lux required
- OS: Windows 95/98/2000/XP®
- Integrated Data-Base (optional)
- Required space: 1.30m x 3,50m x 1.50m (W x L x H)
- Precision: ± 2 %
- Temperature range: - 30 to + 70°C
- System power supply: 220 Vac , 400 W
- Sensor strip (if provided) →Power supply : 12 Vdc , 300mA max
  →Weight : 8 Kg
  →Dimension : 1m x 16cm x 12 cm (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°
- Identified colour of the light beam
- Iso-candela diagram of the light beam providing ICAO grid points
- Light identification number if database provided.

All our products are compliant with ICAO, FAA, STNA standards and recommendations.