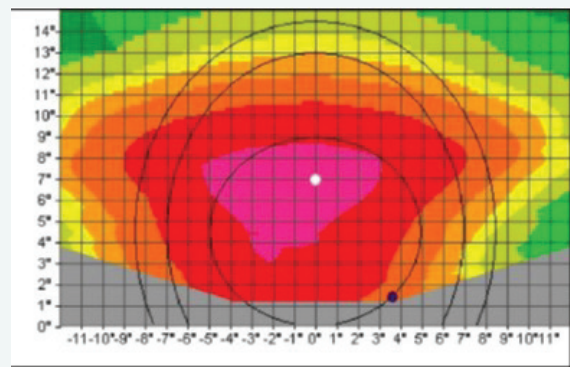
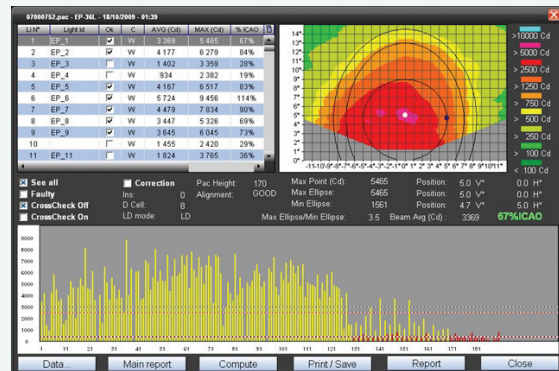


Photometric Testing and Performance of AGL Assets

Knowing the output performance of the AGL fittings is crucial to ensuring the safe operation of an Airport. The only way to reliably test and monitor this performance is through regular, in-field photometric testing. The testing must identify conformance with the criteria set out in the regulations as a minimum. This criteria is known as the 4C's: Colour, Candela, Coverage, and Configuration.

Colour, Candela and Coverage can only be tested utilising the correct airfield photometric test equipment, with the Configuration being the display of the AGL as a holistic system.

ADB SAFEGATE offers comprehensive photometric testing and reporting packages utilising state-of-the-art equipment and technology and follow industry best practice to ensure you remain confident in the safe and compliant nature of your AGL assets. The technology and measurement methodology in use ensures, if required, we can complete photometric testing of all lighting systems on a runway with full Cat III lighting in both directions in under 2 hours, with the compliance analysis delivered immediately. This methodology and process minimises runway occupancy time and therefore, operational impact.



The photometric testing packages typically include, but are not limited to:

- Full compliance reporting
- Trend analysis
- Immediate remedial action identification
- Post-works analysis
- Periodic maintenance
- Detailed technical report

ADB SAFEGATE **BENEFITS**

Regulatory Compliance: We stay up to date on changes in regulations and standards, helping your airport maintain compliance with local and international authorities.

Expertise: Our skilled technicians are well-versed in industry best practices, ensuring that your airfield lighting systems function efficiently and safely.

Cost Savings: Outsourcing eliminates the need for in-house staff, training, and equipment, resulting in significant cost savings and improved resource allocation.

Risk Mitigation: Regular inspections minimize the risk of costly equipment failures and potential accidents caused by poorly maintained lighting fixtures and components.

Increased Uptime: Proactive maintenance reduces the likelihood of unexpected downtime, ensuring that your airfield remains operational and efficient.

State of the Art Technology: Utilising ALIS (Airside Location-based Inspection and Service), we can demonstrate real-time testing and inspection data, including all measurables including individual lighting compliance.



Utilising ALIS as the asset management system to record, track and store all available data and information, you can be assured of compliance and fully informed of the maintenance state of your key AGL assets.

The benefits of ALIS:

- mapping of assets
- precise asset identification
- maintenance planning
- reporting on asset status
- asset status management
- maintenance process management

Contact your local ADB SAFEGATE sales team to learn more about our vast array of abilities to ensure your airfield remains safe to operate and compliant to all applicable regulations.

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