



MOBILE

# INDEPENDENT AIRFIELD LIGHTING PHOTOMETRIC TEST SYSTEM

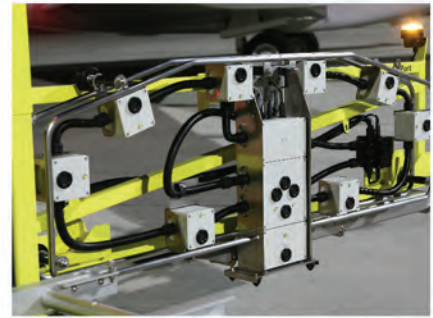
USING A MOBILE PHOTOMETRIC TEST SYSTEM AS PART OF A PREVENTATIVE MAINTENANCE SYSTEM IS THE ONLY WAY TO ACHIEVE THE RUNWAY SERVICEABILITY REQUIREMENTS SPECIFIED IN NATIONAL AND INTERNATIONAL STANDARDS FOR BEAM INTENSITY AND ORIENTATION (ICAO ANNEX 14, EASA, FAA AC 150/5345-46).



MALMS MOBILE

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## AIRFIELD LIGHTING PHOTOMETRIC TEST SYSTEM



Regulations state that for a precision approach runway, lighting systems should be measured using a mobile unit of sufficient accuracy to analyse the characteristics of individual lights. Most importantly, the accurate calculation of IRVR (required to determine whether it is safe to land and how many aircraft can be landed safely in low visibility) is reliant upon runway lighting operating effectively.

### SO WHY DO AIRPORTS CHOOSE MALMS FOR PHOTOMETRIC TESTING AS PART OF THEIR PREVENTATIVE MAINTENANCE?

- MALMS Mobile is designed to ensure accuracy and repeatability of measurement, and has been independently tested to ICAO and FAA test criteria
- MALMS Transverse provides airports with an accurate tool to rapidly measure runway thresholds, end bars, stop bars and approach lights up to 1m/3ft in height
- Essential for busy airports, MALMS Mobile can survey at speeds in excess of 80kph/50mph, meaning a 3000m/10,000ft runway centreline of 200 lights takes less than 5 minutes to measure
- MALMS Mobile can be used by a single operator requiring no specialist training, and is compatible with any vehicle fitted with a tow bar
- Its rugged design is perfect for the harsh airfield environment and can be set-up without the need for tools that could become FOD (foreign object debris)
- MALMS has inbuilt diagnostics, dedicated support teams plus a global agency network to provide effective customer support
- Relied upon by pilots to ensure they get the required visual cues when they need them, especially in low visibility conditions
- Widely used by airports to maximise capacity and demonstrate safe operation
- Relied upon by Regulators & Airport Licensing Authorities to provide independent evidence that an airport is operating in compliance with regulations
- Used regularly by airports as part of their preventative maintenance system to maintain serviceable lighting according to ICAO and FAA test criteria
- Used for commissioning runways and taxiway lighting to reduce the risk of a new or re-furbished airfield lighting installation failing to meet the required standard
- Used by airfield lighting manufacturers to test new lights



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YOU CAN'T MANAGE WHAT YOU DON'T MEASURE