

CERTIFICATE OF COMPLIANCE

Aeronautical ground lighting

N° 2017-013/AER

This certificate of compliance is issued to : **OCEM Energy Technology**

It certifies the compliance of the aeronautical lighting equipment mentioned below¹ with the regulatory standards given below, in the power supply conditions specified below.

Equipment under tests

Lighting function		Inset runway end lighting for precision approaches
Regulatory standards	OACI	Annex 14, Volume I, Figure A2-8
	EASA	CS ADR-DSN, Book 1, Figure U-12
Brand		OCEM
Model		LIRN-I-0-0
Lighting source(s)		LED Philips Lumileds 2W
Nominal power supply		6,6 A AC
Color		Red

Tests results

Regulatory tests	
Photometric performance at 23°C +/-2°C ²	Compliant
Colorimetric performance at 23°C +/-2°C ²	Compliant
Optional tests	
Photometric and colorimetric performance at +55°C	Fullfilling regulatory requirements
Photometric and colorimetric performance at -55°C	Fullfilling regulatory requirements
Ability to withstand accelerated life	Non-evaluated
Ability to withstand a static load	No failure
Surface temperature	Non-evaluated
Watertightness	No failure
Ability to withstand mechanical impacts	No failure

By **Service Technique de l'Aviation Civile**

¹ This certificate of compliance is only issued for the ground lighting described above. Any other ground lighting resulting from any changes to this latter must be submitted to the STAC approval.

² Photometry and chromaticity tests are covered by a COFRAC accreditation obtained by the laboratory in the field : "Transport / Lighting and signalling devices / Performance or proficiency tests". The scope of the accreditation of the laboratory in this area is available at www.COFRAC.fr.