

CERTIFICATE OF COMPLIANCE

Aeronautical ground lighting

N° 2017-017/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		PAPI : Precision approach path indicator
Regulatory standards	OACI	Annex 14, Volume I, Figure A2-23 and § 5.3.5.29
	EASA	CS ADR-DSN, Book 1, Figure U-26 and M.645 § (c).(2):(i)
Brand		OCEM
Model		401CU-2-20-16
Lighting source(s)		2x200W halogen lamps OSRAM
Nominal power supply		6,6 A AC
Color		White / 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 high temperature	Non-evaluated
Photometric and colorimetric performance at low temperature	Non-evaluated
Ability to withstand accelerated life	Non-evaluated
Ability to withstand a static load	Non-evaluated
Surface temperature	Non-evaluated
Watertightness	Non-evaluated
Ability to withstand mechanical impacts	Non-evaluated

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.