

TESTING AND MEASURING EQUIPMENT/ALLOWED SUBCONTRACTING

IEC 62722-2-1, Edition 1 (2014)

Luminaire performance – Part 2-1: Particular requirements for LED luminaires

“R”	Required
“S”	May be subcontracted, see OD 2012
“SF”	Specialized Facility, see IECEE 02-2
“W”	Witness testing in the categories “MED” and “MEAS”
“3PPS”	Three Phase Power Supply required

Clause	Measurement/testing	Testing / measuring equipment / material needed	Subcontracting
7, Annex A	Module power	Draught free room, Stabilized supply voltage or current, power meter, voltage meter, current meter temperature measuring system with thermo couple	LPCE-2(LMS-9000)
8.1	Luminous flux	Goniophotometer or Ulbrichts sphere with measuring system, calibrated lamps source, temperature measuring system with thermo couple for tp point	
8.2.3 8.2.4 8.2.5	- Luminous intensity distribution - Peak intensity value - Beam angle value	Goniophotometer with measuring system, calibrated lamps source, temperature measuring system with thermo couple for tp point	LSG-6000
9	Chromaticity co-ordinates, CCT,CRI	Spectral measurement device system	LMS-6000
10	LED module life	Temperature chambers (-10°C, +50°C), Stabilized room with test racks, timer, cycling controller	LEDLM-84PL