



TESTING AND MEASURING EQUIPMENT/ALLOWED SUBCONTRACTING
IEC 62612, 1 Edition (2013)
Self-ballasted LED lamps for general lighting services with supply voltages > 50 V
Performance requirements

- “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	Dimensions	Caliper	R
8	Lamp input	Stabilized room, Power supply, Voltage meter, Current meter, Power meter, Temperature measuring system,	R
9.1	Luminous flux	Stabilized room, Goniophotometer or Integrating sphere, Calibrated lamps, Temperature measuring system	R
9.2	Luminous intensity distribution, peak intensity and beam angle	Stabilized room, Goniophotometer, Calibrated lamps, Temperature measuring system	R
10	Colour nomenclature, variation and rendering	Integrating sphere with calibrated spectral measurement system or Integrating sphere with spectroradiometer system	R
11	Lamp life	Temperature chambers(-10C,+40C), Photometer (integrating sphere or goniophotometer system), Timer, Cycling controller	R
Annex C	Measurement of displacement factor	Harmonic distortion measurement system	R