



TESTING AND MEASURING EQUIPMENT/ALLOWED SUBCONTRACTING
IEC 61195, Edition 2 (1999) – A1/2012 – A2/2014
Double-capped fluorescent lamps – Safety specifications

- “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
2.2	Marking shall be durable and easily legible	Water, piece of cloth	R
2.3.1	Construction and assembly	Angle measuring device, torque tester, heating cabinet, equipment to apply axial pull and bending moment	R
2.3.2	Dimensions	Gauges according IEC 60061-1 and 60061-3	R
2.4	Insulation resistance	Mega ohmmeter	R
2.5	Electric strength test	High voltage transformer	R
2.7	Resistance to heat and fire	Heating cabinet, glow-wire test apparatus, timer	R
2.8	Creepage distances	Digital caliper (or equivalent)	R
2.9	Lamp cap temperature rise	Draught-proof enclosure, thermocouples, temperature measurement device, reference ballast, voltmeter	R
2.10	Lamp minimum overall length	Length measurement	R