

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	
2.3.1	Construction and assembly	Angle measuring device, torque tester, heating cabinet, equipment to apply axial pull and bending moment	CH338
2.3.2	Dimensions	Gauges according IEC 60061-1 and 60061-3	
2.4	Insulation resistance	Mega ohmmeter	WB2681A
2.5	Electric strength test	High voltage transformer	
2.7	Resistance to heat and fire	Heating cabinet, glow-wire test apparatus, timer	GDJS-015B ZRS-3H
2.8	Creepage distances	Digital caliper (or equivalent)	CK-1
2.9	Lamp cap temperature rise	Draught-proof enclosure, thermocouples, temperature measurement device, reference ballast, voltmeter	WS-1
2.10	Lamp minimum overall length	Length measurement	