



**TESTING AND MEASURING EQUIPMENT/ALLOWED SUBCONTRACTING**  
**IEC 60598-2-20, Edition 4 (2014)**  
**Luminaires – Part 2-20 – Particular requirements – Lighting chains**

- “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
20.7.9	Lamp rotation	Test device for applying 0.025 Nm torque	<b>R</b>
20.7.10	Lamp insertion/withdrawal force	Force gauge, test oven, timer	<b>R</b>
20.12.3	Protection against electric shock	Flat probe	<b>R</b>
20.12.4	Contacts of push-in lampholders	Test device suitable for checking security of lampholder contacts (Figure 2) or equivalent	<b>R</b>