



**IEC 62384: ED. 1 (2006)**  
**TESTING AND MEASURING EQUIPMENT/ALLOWED SUBCONTRACTING**  
**D.c. or a.c. supplied electronic control gear for LED modules**  
**Performance requirements**

R=Required by Lab  
S=May be subcontracted

Clause	Measurement/testing	Testing / measuring equipment / material needed	Subcontracting
7.1 – 7.2 – 7.3 7.4	Starting and connecting requirements – Voltage and current during operation – Capacitive load requirement – Voltage surges during switching and operation	RMS – voltmeter e.g., Variable supply, Digital oscilloscope, Resistor	R
8 – 9 – 10	Total circuit power – Circuit power factor – Supply current	Power meter	R
11 (A3)	Impedance at audio-frequencies	Power meter / Frequency generator	R
12	Operational tests for abnormal conditions	Variable supply	R
13.1 – 13.2	Endurance	Variable supply, Switch unit , Timer, Conditioning cabinets (Freezer / Oven)	R

Note: The presence of equipment alone does not indicate a satisfactory situation. Assessors must evaluate the equipment design, calibration, uncertainty and documentation to ensure compliance with the directions of the standard. The requirements of ISO IEC 17025 regarding validation are applicable, as the tests of this standard are not standardised tests.