

**The Appendix is an integral part of  
Certificate of Accreditation No: 46/2024 of 01/02/2024**

**Accredited entity according to ČSN EN ISO/IEC 17025:2018:**

**Centrum vývojových a zkušebních laboratoří, s.r.o.**  
CAB number 1279, Development and Testing Laboratories Centre  
Březno 317, 294 06 Březno

**Tests:**

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Subject of the test	Degrees of freedom <sup>3</sup>
1	Test of mechanical properties and construction of electric equipment	ČSN EN IEC 60598-1 cl. 4, except cl. 4.13.6, 4.14.3, 4.18, 4.20, 4.24, 4.26, 4.12.1 to 100 Nm ČSN EN IEC 60598-2-1 cl. 1.7; ČSN EN 60598-2-2 cl. 2.7; ČSN EN 60598-2-3 cl. 3.6; ČSN EN 60598-2-4 cl. 4.7; ČSN EN 60598-2-5 cl. 5.6; ČSN EN IEC 60598-2-22 cl. 22.7; ČSN EN 60598-2-24 cl. 24.7; ČSN EN IEC 62031 cl. 16; ČSN EN 61347-1 cl. 17; ČSN EN 61347-2-7 cl. 22.6, 23,25, 28.2	Electric equipment, their parts, components and accessories, LED modules	-
2	Test of characteristics and parameters of wires	ČSN EN IEC 60598-1 cl. 5; ČSN EN IEC 60598-2-1 cl. 1.11; ČSN EN 60598-2-2 cl. 2.11; ČSN EN 60598-2-3 cl. 3.10; ČSN EN 60598-2-4 cl. 4.11; ČSN EN 60598-2-5 cl. 5.10; ČSN EN IEC 60598-2-22 cl. 22.11; ČSN EN 60598-2-24 cl. 24.11	Electric equipment, their parts, components and accessories	-
3	Earth continuity test	ČSN EN IEC 60598-1 cl. 7; ČSN EN IEC 60598-2-1 cl. 1.9; ČSN EN 60598-2-2 cl. 2.9; ČSN EN 60598-2-3 cl. 3.8; ČSN EN 60598-2-4 cl. 4.9; ČSN EN 60598-2-5 cl. 5.8; ČSN EN IEC 60598-2-22 cl. 22.9; ČSN EN 60598-2-24 cl. 24.9; ČSN EN IEC 62031 cl. 8; ČSN EN 61347-1 cl. 9	Electric equipment, their parts, components and accessories, LED modules	-
4	Test of protection against electrical shock	ČSN EN IEC 60598-1 cl. 8; ČSN EN IEC 60598-2-1 cl. 1.12; ČSN EN 60598-2-2 cl. 2.12; ČSN EN 60598-2-3 cl. 3.11; ČSN EN 60598-2-4 cl. 4.12; ČSN EN 60598-2-5 cl. 5.11; ČSN EN IEC 60598-2-22 cl. 22.12 ; ČSN EN 60598-2-24 cl. 24.12; ČSN EN IEC 62031 cl. 9; ČSN EN 61347-1 cl. 10	Electric equipment, their parts, components and accessories, LED modules	-
5	Test of resistance to penetration of dust, solid foreign objects and water	ČSN EN IEC 60598-1 cl. 9.2.0 – 9.2.11, 9.3; ČSN EN 60529 cl. 12 to 14; ČSN EN IEC 60598-2-1 cl. 1.14; ČSN EN 60598-2-2 cl. 2.14;	Electric equipment, their parts, components and accessories, electric equipment	-

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Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Subject of the test	Degrees of freedom <sup>3</sup>
		ČSN EN 60598-2-3 cl. 3.13; ČSN EN 60598-2-4 cl. 4.14; ČSN EN 60598-2-5 cl. 5.13; ČSN EN IEC 60598-2-22 cl. 22.14; ČSN EN 60598-2-24 cl. 24.14		
6	Test of insulation resistance	ČSN EN IEC 60598-1 cl. 10.2.1; ČSN EN IEC 60598-2-1 cl. 1.15; ČSN EN 60598-2-2 cl. 2.15; ČSN EN 60598-2-3 cl. 3.14; ČSN EN 60598-2-4 cl. 4.15; ČSN EN 60598-2-5 cl. 5.14; ČSN EN IEC 60598-2-22 cl. 22.15; ČSN EN 60598-2-24 cl. 24.15; ČSN EN IEC 62031 cl. 10; ČSN EN 61347-1 cl. 11	Electric equipment, their parts, components and accessories, LED modules	-
7	Test of electric strength	ČSN EN IEC 60598-1 cl. 10.2.2; ČSN EN IEC 60598-2-1 cl. 1.15; ČSN EN 60598-2-2 cl. 2.15; ČSN EN 60598-2-3 cl. 3.14; ČSN EN 60598-2-4 cl. 4.15; ČSN EN 60598-2-5 cl. 5.14; ČSN EN IEC 60598-2-22 cl. 22.15; ČSN EN 60598-2-24 cl. 24.15; ČSN EN IEC 62031 cl. 11; ČSN EN 61347-1 cl. 12	Electric equipment, their parts, components and accessories, LED modules	-
8	Testing of creepage distances and clearances	ČSN EN IEC 60598-1 cl. 11; ČSN EN IEC 60598-2-1 cl. 1.8; ČSN EN 60598-2-2 cl. 2.8; ČSN EN 60598-2-3 cl. 3.7; ČSN EN 60598-2-4 cl. 4.8; ČSN EN 60598-2-5 cl. 5.7; ČSN EN IEC 60598-2-22 cl. 22.8; ČSN EN 60598-2-24 cl. 24.8; ČSN EN IEC 62031 cl. 15; ČSN EN 61347-1 cl. 16	Electric equipment, their parts, components and accessories, LED modules	-
9	Endurance test and thermal test	ČSN EN IEC 60598-1 cl. 12; ČSN EN IEC 60598-2-1 cl. 1.13; ČSN EN 60598-2-2 cl. 2.13; ČSN EN 60598-2-3 cl. 3.12; ČSN EN 60598-2-4 cl. 4.13; ČSN EN 60598-2-5 cl. 5.12; ČSN EN IEC 60598-2-22 cl. 22.13; ČSN EN 60598-2-24 cl. 24.13; ČSN EN IEC 62031 cl. 12, 20; ČSN EN 61347-1 cl. 14; ČSN EN 61347-2-7 cl. 20	Electric equipment, their parts, components and accessories, LED modules	-
10	Testing of photometric data	ČSN EN IEC 60598-2-22 cl. 22.17	Electric equipment for emergency lighting	-

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Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Subject of the test	Degrees of freedom <sup>3</sup>
11	Test of changeover operation	ČSN EN IEC 60598-2-22 cl. 22.18; ČSN EN 61347-2-7 cl. 21	Electric equipment for emergency lighting	-
12	High temperature operation test	ČSN EN IEC 60598-2-22 cl. 22.19	Electric equipment for emergency lighting	-
13	Test of electrical characteristics of battery chargers	ČSN EN IEC 60598-2-22 cl. 22.20; ČSN EN 61347-2-7 cl. 22	Electric equipment for emergency lighting	-
14	Measurement of luminous flux and luminous intensity distribution	ČSN EN 13032-1+A1 cl. 5	Light sources, electric equipment	-
15	Impact resistance test	ČSN EN 60068-2-75 cl. 6, cl. 7; ČSN EN 62262+A1 (ČSN EN 50102) cl. 5, cl. 6; ČSN EN IEC 60079-0 cl. 26.4.2	Electric equipment, their parts, components and accessories	-
16	Drop test	ČSN EN IEC 60079-0 cl. 26.4.3-4	Electric equipment, their parts, components and accessories	-
17	Thermal test - measurement of maximum surface temperature	ČSN EN IEC 60079-0 cl. 26.5.1; ČSN EN 60079-7 cl. 6.3.4.1-6.3.4.3; ČSN EN 60079-18 cl. 8.2.2; ČSN EN 60079-31 cl. 6.1.2	Electric equipment, their parts, components and accessories	-
18	Thermal shock test	ČSN EN IEC 60079-0 cl. 26.5.2	Electric equipment, their parts, components and accessories	-
19	Thermal endurance test	ČSN EN IEC 60079-0 cl. 26.8.9; ČSN EN 60079-18 cl. 8.2.3	Electric equipment, their parts, components and accessories	-
20	Test of touch current and protective conductor current	ČSN EN IEC 60598-1 cl. 10.3, Annex G; ČSN EN 60990	Electric equipment, their parts, components and accessories	-
21	Ball pressure test of heat resistance	ČSN EN IEC 60598-1 cl. 13.2; ČSN EN 60695-10-2; ČSN EN IEC 62031 cl. 17; ČSN EN 61347-1 cl. 18.1	Electric equipment, their parts, components and accessories	-
22	Needle flame test of flame and ignition resistance	ČSN EN IEC 60598-1 cl. 13.3.1; ČSN EN 60695-11-5; ČSN EN IEC 62031 cl. 17; ČSN EN 61347-1 cl. 18.4	Electric equipment, their parts, components and accessories	-
23	Glow-wire test of flame and ignition resistance	ČSN EN IEC 60598-1 cl. 13.3.2; ČSN EN IEC 60695-2-10; ČSN EN IEC 60695-2-11; ČSN EN IEC 60695-2-12; ČSN EN IEC 60695-2-13;	Electric equipment, their parts, components and accessories	-

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		ČSN EN IEC 62031 cl. 17; ČSN EN 61347-1 cl. 18.3		
24	Tracking resistance test	ČSN EN IEC 60598-1 cl. 13.4; ČSN EN IEC 60112 cl. 8; ČSN EN IEC 62031 cl. 17; ČSN EN 61347-1 cl. 18.5	Electric equipment, their parts, components and accessories	-
25	Pressure test	ČSN EN 60079-31 cl. 6.1.1.3	Electric equipment, their parts, components and accessories	-
26	Pressure change test	ČSN EN IEC 60079-15 cl. 11.3.2, 12.2.2.1	Electric equipment, their parts, components and accessories	-

<sup>1</sup> asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises; the numerical index at the test ordinal number identifies the location carrying out the test

<sup>2</sup> if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest valid edition of the specified procedure is used (including any changes)

<sup>3</sup> the laboratory does not apply a flexible approach to the scope of accreditation