Accreditation area

Testing center of lighting products

Limited liability company "VNISI"

129626, Moscow, 1st Rizhsky side street 6 block 2

129626, Moscow, 1st Rizhsky side street 6 block 4

№*	Documents establishing the rules and methods of research (testing), measurements, including the rules of sampling	Device under test (DUT)	OKPD 2 code	TN VED EAEU code	Defined characteristic (figure)	definition range
1	2	3	4	5	6	7
129626, Moscow, 1st Rizhsky side street 6 block 2						
17	IEC 60598-1, section 3 p.3.4	Luminaires	27.40	9405	Marking	compliance/not compliance
18	IEC 60598-1, section 4				Construction: - overall and installation dimensions - weight	compliance/not compliance (1 - 3000) mm (0,1 - 30,0) kg
19	IEC 60598-1, p.4.12				Screws and connections (mechanical) and glands	(0,3-25,0) Nм
20	IEC 60598-1, p.4.14.1				Mechanical strength of suspensions devices	compliance/not compliance
21	IEC 60598-1, p.4.14.3				Mechanical strength of adusting devices	compliance/not compliance
22	IEC 60598-1, p.4.18.1				Resistance to corrosion: - immersion to solution - heating temperature	resistant/not resistant 10% solution of ammonium chloride in water (100±5)ºC
23	IEC 60598-1, p.5.2.10.3				Cord anchorages: - test pull - test torque	adequate/not adequate (60 - 120) N up to 0,35 Nм
24	IEC 60598-1, section 7				Earthing: - resistance - voltage drop between the earthing terminal or earthing contact and the accessible metal part	compliance/not compliance up to 1 Ω (0,1 - 15,0) V
25	IEC 60598-1, p.4.11				Electrical connections and current-carrying parts	compliance/not compliance
26	IEC 60598-1, p.4.18.1				Corrosion protection	compliance/not compliance
27	IEC 60598-1, p.8.2.5				Protection against accidental contact with live parts	compliance/not compliance
28	IEC 60598-1, p.10.3				Touch current, protective conductor current and electric burn	(0,7 - 10) mA
29	IEC 60598-1, p.11.2				Creepage distances Clearances	(0,6 - 11,0) mm (0,2 - 11,0) mm

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30	IEC 60598-1, p.12.3., p.12.4, p.12.5.1	Luminaires	27.40	9405	Endurance and thermal stability at normal and abnormal operation	compliance/not compliance
31	IEC 60598-1, section 14				Screw terminals: - design and shape - cross-sectional areas of conductor - test torque - test pull	compliance/not compliance compliance/not compliance up to 25 mm^2 of 0,2 up to 10,0 Nм of 30 up to 100 N
32	IEC 60598-1, section 15				Screwless terminals: - design and shape - cross-sectional areas of conductor - test pull - the voltage drop across the terminal (contact resistance) - heating (ageing test)	compliance/not compliance compliance/not compliance up to 2,5 mm^2 of 4 up to 50 N of 1 up to 30 mV of 15 up to 150ºC
44	IEC 60598-2-1, p.1.5	Luminaries. Fixed general purpose luminaries	27.40	9405	Marking	compliance/not compliance
45	IEC 60598-2-1, p.1.6				Construction: - overall and installation dimensions, - weight	compliance/not compliance (1 - 3000) mm (0,1 - 30,0) kg
46	IEC 60598-2-1, p.1.6				Mechanical strength of suspensions devices	compliance/not compliance
47	IEC 60598-2-1, p.1.6				Mechanical strength of adusting devices	compliance/not compliance
48	IEC 60598-2-1, p.1.7				Creepage distances Clearances	(0,6 - 11,0) mm (0,2 - 11,0) mm
49	IEC 60598-2-1, p.1.8				Earthing: - resistance - voltage drop between the earthing terminal or earthing contact and the accessible metal part	compliance/not compliance up to 1 Ω (0,1 - 15,0) V
50	IEC 60598-2-1, p.1.9				Screw terminals: - design and shape - cross-sectional areas of conductor - test torque - test pull	compliance/not compliance compliance/not compliance up to 25 mm^2 of 0,2 up to 10,0 Nm of 30 up to 100 N
51	IEC 60598-2-1, p.1.9				Screwless terminals: - design and shape - cross-sectional areas of conductor - test pull - the voltage drop across the terminal (contact resistance) - heating (ageing test)	compliance/not compliance compliance/not compliance up to 2,5 mm^2 of 4 up to 50 N of 1 up to 30 mV of 15 up to 150ºC
52	IEC 60598-2-1, p.1.10				Cord anchorages: - test pull - test torque	compliance/not compliance (60 - 120) N up to 0,35 Nm

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53	IEC 60598-2-1, p.1.11	Luminaries. Fixed general purpose luminaries	27.40	9405	Protection against accidental contact with live parts	compliance/not compliance
54	IEC 60598-2-1, p.1.12				Endurance and thermal stability at normal and abnormal operation	compliance/not compliance
60	IEC 60598-2-2, p.2.5	Recessed luminaires	27.40	9405	Marking	compliance/not compliance
61	IEC 60598-2-2, p.2.6				Mechanical strength of suspensions devices	compliance/not compliance
62	IEC 60598-2-2, p.2.6				Mechanical strength of adusting devices	compliance/not compliance
63	IEC 60598-2-2, p.2.7				Electric strength (insulation resistance)	(100 - 5000) V AC (100 - 6000) V DC
64	IEC 60598-2-2, p.2.7				Creepage distances Clearances	(0,6 - 11,0) mm (0,2 - 11,0) mm
65	IEC 60598-2-2, p.2.8				Earthing: - resistance - voltage drop between the earthing terminal or earthing contact and the accessible metal part	compliance/not compliance up to 1 Ω (0,1 - 15,0) V
66	IEC 60598-2-2, p.2.12				Endurance and thermal stability at normal and abnormal operation	compliance/not compliance
75	IEC 60598-2-3, p.3.5	Luminaires for road and street lighting	27.40	9405	Marking	compliance/not compliance
76	IEC 60598-2-3, p.3.6.3.1				Mechanical strength of suspensions devices	compliance/not compliance
77	IEC 60598-2-3, p.3.6.3.1				Mechanical strength of adusting devices	compliance/not compliance
78	IEC 60598-2-3, p.3.7				Creepage distances Clearances	(0,6 - 11,0) mm (0,2 - 11,0) mm
79	IEC 60598-2-3, p.3.8				Earthing: - resistance - voltage drop between the earthing terminal or earthing contact and the accessible metal part	compliance/not compliance up to 1 Ω (0,1 - 15,0) V
80	IEC 60598-2-3, p.3.10.1				Cord anchorages: - test pull - test torque	compliance/not compliance (60 - 120) N up to 0,35 Nm
81	IEC 60598-2-3, p.3.11				Protection against accidental contact with live parts	compliance/not compliance
82	IEC 60598-2-3, p.3.12				Endurance and thermal stability at normal and abnormal operation	compliance/not compliance
92	IEC 60598-2-4, p.4.5	Luminaries. Portable general purpose luminaries	27.40	9405	Marking	compliance/not compliance
93	IEC 60598-2-4, p.4.6				Mechanical strength of suspensions devices	compliance/not compliance
94	IEC 60598-2-4, p.4.6				Mechanical strength of adusting devices	compliance/not compliance
95	IEC 60598-2-4, p.4.6.3				Resistance to overturning: - angle of deviation from the vertical position	resistant/not resistant $(1 - 10)^0$
96	IEC 60598-2-4, p.4.7				Electric strength (insulation resistance)	(100 - 5000) V AC (100 - 6000) V DC
97	IEC 60598-2-4, p.4.7				Creepage distances Clearances	(0,6 - 11,0) mm (0,2 - 11,0) mm

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98	IEC 60598-2-4, p.4.8	Luminaries. Portable general purpose luminaries	27.40	9405	Earthing: - resistance - voltage drop between the earthing terminal or earthing contact and the accessible metal part	compliance/not compliance up to 1 Ω (0,1 - 15,0) V
99	IEC 60598-2-4, p.4.11				Protection against accidental contact with live parts	compliance/not compliance
100	IEC 60598-2-4, p.4.12				Endurance and thermal stability at normal and abnormal operation	compliance/not compliance
111	IEC 60598-2-5, p.5.5	Floodlights	27.40	9405	Marking	compliance/not compliance
112	IEC 60598-2-5, p.5.6.5				Mechanical strength of suspensions devices	compliance/not compliance
113	IEC 60598-2-5, p.5.6.5				Mechanical strength of adusting devices	compliance/not compliance
114	IEC 60598-2-5, p.5.7				Creepage distances Clearances	(0,6 - 11,0) mm (0,2 - 11,0) mm
115	IEC 60598-2-5, p.5.8				Earthing: - resistance - voltage drop between the earthing terminal or earthing contact and the accessible metal part	up to 1 Ω (0,1 - 15,0) V
116	IEC 60598-2-5, p.5.9				Screw terminals: - design and shape - cross-sectional areas of conductor - test torque - test pull	compliance/not compliance compliance/not compliance up to 25 mm^2 of 0,2 up to 10,0 Nm of 30 up to 100 N
117	IEC 60598-2-5, p.5.9				Screwless terminals: - design and shape - cross-sectional areas of conductor - test pull - the voltage drop across the terminal (contact resistance) - heating (ageing test)	compliance/not compliance compliance/not compliance up to 2,5 mm^2 of 4 up to 50 N of 1 up to 30 mV of 15 up to 150°C
118	IEC 60598-2-5, p.5.10				Cord anchorages: - test pull - test torque	compliance/not compliance (60 - 120) N up to 0,35 Nm
119	IEC 60598-2-5, p.5.11				Protection against accidental contact with live parts	compliance/not compliance
120	IEC 60598-2-5, p.5.12				Endurance and thermal stability at normal and abnormal operation	compliance/not compliance
131	IEC 60598-2-13, p.13.5	Ground recessed luminaires	27.40	9405	Marking	compliance/not compliance
132	IEC 60598-2-13, p.13.6.1				Withstand the minimum static load: - static load	compliance/not compliance not more than 5000 N
133	IEC 60598-2-13, p.13.6.2				Resistance to torque and shear loads: - torque load - pull force	compliance/not compliance 50 N 5 kN

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134	IEC 60598-2-13, p.13.7	Ground recessed luminaires	27.40	9405	Creepage distances Clearances	(0,6 - 11,0) mm (0,2 - 11,0) mm
135	IEC 60598-2-13, p.13.8				Earthing: - resistance - voltage drop between the earthing terminal or earthing contact and the accessible metal part	compliance/not compliance up to 1 Ω (0,1 - 15,0) V
136	IEC 60598-2-13, p.13.9				Screw terminals: - design and shape - cross-sectional areas of conductor - test torque - test pull	compliance/not compliance compliance/not compliance up to 25 mm^2 of 0,2 up to 10,0 Nm of 30 up to 100 N
137	IEC 60598-2-13, p.13.9				Screwless terminals: - design and shape - cross-sectional areas of conductor - test pull - the voltage drop across the terminal (contact resistance) - heating (ageing test)	compliance/not compliance compliance/not compliance up to 2,5 mm^2 of 4 up to 50 N of 1 up to 30 mV of 15 up to 150°C
138	IEC 60598-2-13, p.13.10				Cord anchorages: - test pull - test torque	compliance/not compliance (60 - 120) N up to 0,35 Nm
139	IEC 60598-2-13, p.13.11				Protection against accidental contact with live parts	compliance/not compliance
140	IEC 60598-2-13, p.13.12				Endurance and thermal stability at normal and abnormal operation	compliance/not compliance
151	IEC 60598-2-22, p.22.5, p.22.5.18	Luminaires for emergency lighting	27.40	9405	Marking	compliance/not compliance
152	IEC 60598-2-22, p.22.6				Mechanical strength of suspensions devices	compliance/not compliance
153	IEC 60598-2-22, p. 22.6				Mechanical strength of adusting devices	compliance/not compliance
154	IEC 60598-2-22, p.22.7				Creepage distances Clearances	(0,6 - 11,0) mm (0,2 - 11,0) mm
155	IEC 60598-2-22, p.22.8				Earthing: - resistance - voltage drop between the earthing terminal or earthing contact and the accessible metal part	compliance/not compliance up to 1 Ω (0,1 - 15,0) V
156	IEC 60598-2-22, p.22.9				Screw terminals: - design and shape - cross-sectional areas of conductor - test torque - test pull	compliance/not compliance compliance/not compliance up to 25 mm^2 of 0,2 up to 10,0 Nm of 30 up to 100 N

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157	IEC 60598-2-22, p.22.9	Luminaires for emergency lighting	27.40	9405	Screwless terminals: - design and shape - cross-sectional areas of conductor - test pull - the voltage drop across the terminal (contact resistance) - heating (ageing test)	compliance/not compliance compliance/not compliance up to 2,5 mm^2 of 4 до 50 N of 1 до 30 mV of 15 до 150ºC
158	IEC 60598-2-22, p.22.10				Cord anchorages: - test pull - test torque	compliance/not compliance (60 - 120) N up to 0,35 Nm
159	IEC 60598-2-22, p. 22.11				Protection against accidental contact with live parts	compliance/not compliance
160	IEC 60598-2-22, p.22.12				Endurance and thermal stability at normal and abnormal operation	compliance/not compliance
234	IEC 61347-1 section 7	Lamp controlgear	27.40 27.11 27.33	8504	Marking	compliance/not compliance
235	IEC 61347-1 section 8				Screw terminals: - design and shape - cross-sectional areas of conductor - test torque - test pull	compliance/not compliance compliance/not compliance up to 25 mm^2 of 0,2 up to 10,0 Nm of 30 up to 100 N
236					Screwless terminals: - design and shape - cross-sectional areas of conductor - test pull - the voltage drop across the terminal (contact resistance) - heating (ageing test)	compliance/not compliance compliance/not compliance up to 2,5 mm^2 of 4 up to 50 N of 1 up to 30 mV of 15 up to 150ºC
237	IEC 61347-1 section 9				Earthing: - current - voltage drop - resistance	compliance/not compliance 25 A (0 - 20) V up to 0,5 Ω
238	IEC 61347-1 section 10, Annex A				Protection against accidental contact with live parts: - the pressing force - voltage (indicator) - current (DC) between part and earthing - current (amplitude value) between part and earthing - voltage between current-carrying parts - resistance of the measuring circuit	compliance/not compliance 10 N 40 - 50 V (0 - 1) A (0 - 70) mA (0 - 250) V 50 кΩ
239	IEC 61347-1 section 14 p.14.1				Abnormal conditions (short circuit over creepage distances and clearances): - tempreture of lamp controlgear and mounting surfaces	compliance/not compliance compliance/not compliance

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240	IEC 61347-1 section 14 p.14.2	Lamp controlgear	27.40 27.11 27.33	8504	Abnormal conditions (short circuit or, if applicable, the breakage of the semiconductor devices): - tempreture of lamp controlgear and mounting surfaces	compliance/not compliance compliance/not compliance
241	IEC 61347-1 section 14 p.14.3				Abnormal conditions (a short circuit through the insulation of the lacquer, enamel or fabric): - tempreture of lamp controlgear and mounting surfaces	compliance/not compliance compliance/not compliance
242	IEC 61347-1 section 14, p.14.4, Annex A				Abnormal conditions (short circuit of electrolytic capacitors): - tempreture of lamp controlgear and mounting surfaces	compliance/not compliance compliance/not compliance
243	IEC 61347-1 section 15				Construction:	compliance/not compliance
244	IEC 61347-1 section 16				Creepage distances and clearances: - RMS working voltage - rated pulse voltage - distances	compliance/not compliance (50 - 1000) V (2 - 6) kV (0 - 250) mm
245	IEC 61347-1 section 17				Screws, current-carrying parts and connections: - torque	compliance/not compliance (0,3 - 25,0) Nm
246	IEC 61347-1 section 18 p.18.1				Resistance to heat (presure of steel ball of 5 mm diameter with a force of 20 N)	resistant/not resistant
247	IEC 61347-1 section 19				Resistance to corrosion: - immersion to solution - heating temperature	resistant/not resistant 10% solution of ammonium chloride in water (100±5)ºC
248	IEC 61347-1 section 20				No load output voltage: - control gear output voltage	compliance/not compliance Un out ±10%
249	IEC 61347-1 Annex A				Electric shock protection:	compliance/not compliance
250	IEC 61347-1 Annex B				Particular requirements for lamp controlgear with means of protection against overheating:	compliance/not compliance
251	IEC 61347-1 Annex C				Particular requirements for electronic lamp controlgear with means of protection against overheating:	compliance/not compliance
252	IEC 61347-1 Annex D				Requirements for carry out the heating tests of thermally protected lamp controlgear:	compliance/not compliance

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253	IEC 61347-2-9 section 7	Electromagnetic controlgear for discharge lamps (excluding fluorescent lamps)	27.40 27.11 27.33	8504	Marking	compliance/not compliance
254	IEC 61347-2-9 section 8				Protection against accidental contact with live parts: - the pressing force - voltage (indicator) - current (DC) between part and earthing - current (amplitude value) between part and earthing - voltage between current-carrying parts - resistance of the measuring circuit	compliance/not compliance 10 N 40 - 50 V (0 - 1) A (0 - 70) mA (0 - 250) V 50 κΩ
255	IEC 61347-2-9 section 9				Screw terminals: - design and shape - cross-sectional areas of conductor - test torque - test pull	compliance/not compliance compliance/not compliance up to 25 mm^2 of 0,2 up to 10,0 Nm of 30 up to 100 N
256					Screwless terminals: - design and shape - cross-sectional areas of conductor - test pull - the voltage drop across the terminal (contact resistance) - heating (ageing test)	compliance/not compliance compliance/not compliance up to 2,5 mm^2 of 4 up to 50 N of 1 up to 30 mV of 15 up to 150ºC
257	IEC 61347-2-9 section 10				Earthing: - current - voltage drop - resistance	compliance/not compliance 25 A (0 - 20) V up to 0,5 Ω
258	IEC 61347-2-9 section 14				Abnormal conditions (short circuit or, if applicable, the breakage of the semiconductor devices): - tempreture of lamp controlgear and mounting surfaces	compliance/not compliance compliance/not compliance
259					Abnormal conditions (a short circuit through the insulation of the lacquer, enamel or fabric): - tempreture of lamp controlgear and mounting surfaces	compliance/not compliance compliance/not compliance
260					temperature of control gear windings	compliance/not compliance
261	IEC 61347-2-9 section 15				Test for electromagnetic controlgear operating with lamp with external starting devices:	compliance/not compliance
262					Test for electromagnetic controlgear operating with lamps with internal starting devices:	compliance/not compliance
263	IEC 61347-2-9 section 17				Construction:	compliance/not compliance
264	IEC 61347-2-9 section 18				Creepage distances and clearances: - RMS working voltage - rated pulse voltage - distances	compliance/not compliance (50 - 1000) V (2 - 6) kV (0 - 250) mm

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265	IEC 61347-2-9 section 19	Electromagnetic controlgear for discharge lamps (excluding fluorescent lamps)	27.40 27.11 27.33	8504	Screws, current-carrying parts and connections: - torque	compliance/not compliance (0,3 - 25,0) Nm
266	IEC 61347-2-9 section 20				Resistance to heat (presure of steel ball of 5 mm diameter with a force of 20 N)	resistant/not resistant
267	IEC 61347-2-9 section 21				Resistance to corrosion: - immersion to solution - heating temperature	resistant/not resistant 10% solution of ammonium chloride in water (100±5)ºC
268	IEC 61347-2-9 section 22				No load output voltage: - control gear output voltage	compliance/not compliance Un out ±10%
269	IEC 61347-2-9 Annex A				Electric shock protection:	compliance/not compliance
270	IEC 61347-2-9 Annex B				Particular requirements for lamp controlgear with means of protection against overheating:	compliance/not compliance
271	IEC 61347-2-9 Annex D				Requirements for carry out the heating tests of thermally protected lamp controlgear:	compliance/not compliance
272	IEC 61347-2-12 section 8	Lamp controlgear for d.c. or a.c. supplied electronic ballasts for discharge lamps (excluding fluorescent lamps)	27.40 27.11 27.33	8504	Screw terminals: - design and shape - cross-sectional areas of conductor - test torque - test pull	compliance/not compliance compliance/not compliance up to 25 mm^2 of 0,2 up to 10,0 Nm of 30 up to 100 N
273					Screwless terminals: - design and shape - cross-sectional areas of conductor - test pull - the voltage drop across the terminal (contact resistance) - heating (ageing test)	compliance/not compliance compliance/not compliance up to 2,5 mm^2 of 4 up to 50 N of 1 up to 30 mV of 15 up to 150ºC
274	IEC 61347-2-12 section 9				Earthing: - current - voltage drop - resistance	compliance/not compliance 25 A (0 - 20) V up to 0,5 Ω
275	IEC 61347-2-12 section 10, Annex A				Protection against accidental contact with live parts: - the pressing force - voltage (indicator) - current (DC) between part and earthing - current (amplitude value) between part and earthing - voltage between current-carrying parts - resistance of the measuring circuit	compliance/not compliance 10 N 40 - 50 V (0 - 1) A (0 - 70) mA (0 - 250) V 50 кΩ

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276	IEC 61347-2-12 section 14	Lamp controlgear for d.c. or a.c. supplied electronic ballasts for discharge lamps (excluding fluorescent lamps)	27.40 27.11 27.33	8504	Abnormal conditions (short circuit over creepage distances and clearances): - tempreture of lamp controlgear and mounting surfaces	compliance/not compliance compliance/not compliance
277					Abnormal conditions (short circuit or, if applicable, the breakage of the semiconductor devices): - tempreture of lamp controlgear and mounting surfaces	compliance/not compliance compliance/not compliance
278					Abnormal conditions (a short circuit through the insulation of the lacquer, enamel or fabric): - tempreture of lamp controlgear and mounting surfaces	compliance/not compliance compliance/not compliance
279					Abnormal conditions (short circuit of electrolytic capacitors): - tempreture of lamp controlgear and mounting surfaces	compliance/not compliance compliance/not compliance
280	IEC 61347-2-12 section 15				Voltage at the output terminals (maximum working voltage):	compliance/not compliance
281	IEC 61347-2 12 section 16				Ignition voltage:	compliance/not compliance
282	IEC 61347-2-12 section 17				Abnormal conditions	compliance/not compliance
283	IEC 61347-2-12 section 18				Construction	compliance/not compliance
284	IEC 61347-2-12 section 19				Creepage distances and clearances: - RMS working voltage - rated pulse voltage - distances	compliance/not compliance (50 - 1000) V (2 - 6) kV (0 - 250) mm
285	IEC 61347-2-12 section 20				Screws, current-carrying parts and connections: - torque	compliance/not compliance (0,3 - 25,0) Nm
286	IEC 61347-2-12 section 21				Resistance to heat (presure of steel ball of 5 mm diameter with a force of 20 N)	resistant/not resistant
287	IEC 61347-2-12 section 22				Resistance to corrosion: - immersion to solution - heating temperature	resistant/not resistant 10% solution of ammonium chloride in water (100±5)ºC
288	IEC 61347-2-12 Annex A				Electric shock protection:	compliance/not compliance
289	IEC 61347-2-12 Annex B				Particular requirements for lamp controlgear with means of protection against overheating:	compliance/not compliance
290	IEC 61347-2-12 Annex C				Particular requirements for electronic lamp controlgear with means of protection against overheating:	compliance/not compliance
291	IEC 61347-2-12 Annex D				Requirements for carry out the heating tests of thermally protected lamp controlgear:	compliance/not compliance

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292	IEC 61347-2-13 section 7	Lamp controlgear for d.c. or a.c. supplied electronic controlgear for LED modules	27.40 27.11 27.33	8504	Marking	compliance/not compliance
293	IEC 61347-2-13 section 8				Protection against accidental contact with live parts	compliance/not compliance
294	IEC 61347-2-13 section 9				Earthing: - current - voltage drop - resistance	compliance/not compliance 25 A (0 - 20) V up to 0,5 Ω
295	IEC 61347-2-13 section 10, Annex A				Protection against accidental contact with live parts: - the pressing force - voltage (indicator) - current (DC) between part and earthing - current (amplitude value) between part and earthing - voltage between current-carrying parts - resistance of the measuring circuit	compliance/not compliance 10 N 40 - 50 V (0 - 1) A (0 - 70) mA (0 - 250) V 50 кΩ
296	IEC 61347-2-13 section 14				Abnormal conditions (short circuit over creepage distances and clearances): - tempreture of lamp controlgear and mounting surfaces	compliance/not compliance compliance/not compliance
297					Abnormal conditions (short circuit or, if applicable, the breakage of the semiconductor devices): - tempreture of lamp controlgear and mounting surfaces	compliance/not compliance compliance/not compliance
298					Abnormal conditions (a short circuit through the insulation of the lacquer, enamel or fabric): - tempreture of lamp controlgear and mounting surfaces	compliance/not compliance compliance/not compliance
299					Abnormal conditions (short circuit of electrolytic capacitors): - tempreture of lamp controlgear and mounting surfaces	compliance/not compliance compliance/not compliance
300	IEC 61347-2-13 section 15				Transformer heating	compliance/not compliance
301	IEC 61347-2-13 section 16				Abnormal conditions	compliance/not compliance
302	IEC 61347-2-13 section 17				Construction	compliance/not compliance
303	IEC 61347-2-13 section 16				Creepage distances and clearances: - RMS working voltage - rated pulse voltage - distances	compliance/not compliance (50 - 1000) V (2 - 6) kV (0 - 250) mm
304	IEC 61347-2-13 section 17				Screws, current-carrying parts and connections: - torque	compliance/not compliance (0,3 - 25,0) Nm
305	IEC 61347-2-13 section 18				Resistance to heat (presure of steel ball of 5 mm diameter with a force of 20 N)	resistant/not resistant
306	IEC 61347-2-13 section 19				Resistance to corrosion: - immersion to solution - heating temperature	resistant/not resistant 10% solution of ammonium chloride in water (100±5)ºC

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324	IEC 62031 section 7	LED modules for general lighting	27.40 27.11 27.33	8541	Marking	compliance/not compliance
325	IEC 62031 section 8				Screw terminals: - design and shape - cross-sectional areas of conductor - test torque - test pull	compliance/not compliance compliance/not compliance up to 25 mm^2 of 0,2 up to 10,0 Nm of 30 up to 100 N
326					Screwless terminals: - design and shape - cross-sectional areas of conductor - test pull - the voltage drop across the terminal (contact resistance) - heating (ageing test)	compliance/not compliance compliance/not compliance up to 2,5 mm^2 of 4 up to 50 N of 1 up to 30 mV of 15 up to 150ºC
327	IEC 62031 section 9				Earthing: - current - voltage drop - resistance	compliance/not compliance 25 A (0 - 20) V up to 0,5 Ω
328	IEC 62031 section 10				Protection against accidental contact with live parts: - the pressing force - voltage (indicator) - current (DC) between part and earthing - current (amplitude value) between part and earthing - voltage between current-carrying parts - resistance of the measuring circuit	compliance/not compliance 10 N 40 - 50 V (0 - 1) A (0 - 70) mA (0 - 250) V 50 кΩ
329	IEC 62031 section 13 p.13.1				Abnormal conditions (short circuit over creepage distances and clearances): - tempreture of lamp controlgear and mounting surfaces	compliance/not compliance compliance/not compliance
330					Abnormal conditions (short circuit or, if applicable, the breakage of the semiconductor devices): - tempreture of lamp controlgear and mounting surfaces	compliance/not compliance compliance/not compliance
331					Abnormal conditions (a short circuit through the insulation of the lacquer, enamel or fabric): - tempreture of lamp controlgear and mounting surfaces	compliance/not compliance compliance/not compliance
332					Abnormal conditions (short circuit of electrolytic capacitors): - tempreture of lamp controlgear and mounting surfaces	compliance/not compliance compliance/not compliance
333	IEC 62031 section 13 p.13.2				Abnormal conditions (over-power mode): - testing current	fire, smoke or flammable gas appear/ not appear $1,5 \cdot I_n$
334	IEC 62031 section 15				Construction:	compliance/not compliance

1	2	3	4	5	6	7
335	IEC 62031 section 16	LED modules for general lighting	27.40 27.11 27.33	8541	Creepage distances and clearances: - RMS working voltage - rated pulse voltage - distances	compliance/not compliance (50 - 1000) V (2 - 6) kV (0 - 250) mm
336					Creepage distances and clearances (for current-carrying parts): - creepage distances - clearances	compliance/not compliance (0,6 - 11,0) mm (0,2 - 11,0) mm
337	IEC 62031 section 17				Screws, current-carrying parts and connections: - torque	compliance/not compliance (0,3 - 25,0) Nm
338	IEC 62031 section 18				Resistance to heat (presure of steel ball of 5 mm diameter with a force of 20 N)	resistant/not resistant
339	IEC 62031 section 19				Resistance to corrosion: - immersion to solution - heating temperature	resistant/not resistant 10% solution of ammonium chloride in water (100±5)ºC
340	IEC 62031 section 21				Heat management:	compliance/not compliance
373	IEC 62471 p. 4.3.1	Lamps and lamp systems	27.40 27.11 27.33	8539 8541 9405	Actinic UV hazard exposure limit for the skin and eye	≤ 30 J/m^2
374	IEC 62471 p. 4.3.2				Near-UV hazard exposure limit for eye	$\leq$ 10000 J/m^2 $\leq$ 10 W/m^2
375	IEC 62471 p. 4.3.3				Retinal blue light hazard exposure limit	≤ 1000000 J/m^2·sr ≤ 100 W/m^2·sr
376	IEC 62471 p. 4.3.4				Retinal blue light hazard exposure limit - small source	≤ 100 J/m^2 ≤ 1 W/m^2
377	IEC 62471 p. 4.3.5				Retinal thermal hazard exposure limit	$\leq 50000/(\alpha \cdot t^{0,25})$ W/m^2·sr
378	IEC 62471 p. 4.3.6				Retinal thermal hazard exposure limit – weak visual stimulus	$\leq 6000/\alpha$ W/m^2·sr
379	IEC 62471 p. 4.3.7				Infrared radiation hazard exposure limits for the eye	$\leq 18000/t^{0,75}$ W/m^2 ≤ 100 W/m^2
380	IEC 62471 p. 4.3.8				Thermal hazard exposure limit for the skin	$\leq 20000 \cdot t^{0,25}$ W/m^2
381	IEC 62471 p. 5.2.1				Irradiance Spectral density of irradiance	0 - 5000 W/m^2 0 - 500 mW/(m^2·nm)
382	IEC 62471 p. 5.2.2				Radiance Spectral density of radiance	(0 - 10000000) W/m^2·sr 0 - 600 W/(m^2·sr·nm)
383	IEC 62471 p. 5.2.3				Measurement of source size	(0 - 3000) mm

1	2	3	4	5	6	7
384	IEC 62471 p. 6	Lamps and lamp systems	27.40 27.11 27.33	8539 8541 9405	Actinic UV hazard exposure	(0,001 - 0,03) W/m^2
385					Near-UV hazard exposure	(10 - 100) W/m^2
386					Retinal blue light hazard exposure	(100 - 4000000) $W/m^2 \cdot sr$
387					Retinal blue light hazard exposure - small source	(1 - 400) W/m^2
388					Retinal thermal hazard exposure	(28000 - 71000) $W/m^2 \cdot sr$
389					Retinal thermal hazard exposure – weak visual stimulus	(6000 - 0,03) $W/m^2 \cdot sr$
390					Infrared radiation hazard exposure for the eye	(100 - 3200) W/m^2
579	GOST R 54350 p.10.1.8	Luminaires	27.40	9405	Spectrum distribution	-
580	GOST R 54350 p.10.1.8				Colour rendering index (CRI)	-
581	GOST R 54350 p.10.2				Luminous intensity distribution	(0 - 150 000) cd
582	GOST R 54350 p.10.3				Luminous flux	(0 - 250 000) lm
583	GOST R 54350 p.10.4				Luminous distribution class	-
584	GOST R 54350 p.10.5				Type of luminous intensity distribution curve	-
585	GOST R 54350 p.10.7				The diffusion angle	(0 - 360)°
586	GOST R 54350 p.10.8				Shielding angle (conditional shielding angle)	(0 - 360)°
587	GOST R 54350 p.10.9				Average luminance and luminance uniformity	(0 - 100 000) cd/m^2
588	GOST R 54350 p.10.10				Illuminance	(0 - 200 000) lx
589	GOST R 54350 p.10.11				Light output ratio (LOR)	(0 - 100) %
590	GOST R 54350 p.10.12				Luminous efficacy	-
591	GOST R 54350 p.10.13				Correlated colour temperaturere (CCT)	of 0 up to 16 000 K
592	GOST R 54350 p.10.13.1				Chromaticity coordinate	x = of 0,004 up to 0,734 y = of 0,005 up to 0,834
593	GOST R 54350 p.10.14				Reduction of the luminous flux	(0 - 100) %
704	IEC 60360	Lamps, LED lamps, LED modules and Luminaires for general lighting, other lighting equipment	-	8530 8539 85414 9405	Exceeding the temperature on the lamp cap	compliance/not compliance
706	IEC 60990 p.6, p.8, Annex A, B, C, D, E, L	Lighting equipment, Switches, Plugs and Socket-outlets for household and similar purposes, Switchboards and Terminal boxes		9405 8504 8541 8539 8544 8512 8536 8537 8538	Touch current: Protective conductor current:	compliance/not compliance

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707	CIE S 025/E:2015, p.4.3.2	LED Luminaires and LED Light Sources	-	9405 8539 85414	Active power	of 0 up to 12 000 W
708					RMS current	of 0 up to 20 A
709					Supply voltage	of 0 up to 600 V
710	CIE S 025/E:2015, p.6.2				Total luminous flux	of 0 up to 250 000 lm
711	CIE S 025/E:2015, p.6.3				Partial luminous flux	of 0 up to 250 000 lm
712	CIE S 025/E:2015, p.6.4				Luminous efficacy	-
713	CIE S 025/E:2015, p.6.5				Luminous intensity distribution	of 0 up to 150 000 cd
714	CIE S 025/E:2015, p.6.7				Luminance	of 0 up to 100 000 cd/ m^2
715	CIE S 025/E:2015, p.7				Correlated colour temperaturere (CCT)	of 0 up to 16 000 K
716					Chromaticity coordinate	x = of 0,004 up to 0,734 y = of 0,005 up to 0,834
717					Spectrum distribution	-
718					Colour rendering index (CRI)	-
129626, Moscow, 1st Rizhsky side street 6 block 4						
747	GOST R 54350 p.10.15	Luminaires	27.40	9405	Resistance to temperature impact	of minus 60ºC up to 60ºC
777	IEC 60598-1, p.4.13				Mechanical strength: - impact energy - spring compression - a steel sphere 50 mm impact energy - impact energy of vertical impact device - the pressure of the standard test finger - impact energy of fragile parts	compliance/not compliance of 0,2 up to 0,7 Nm of 13 up to 24 mm 6,5 Nm (2 - 20) J (10 - 30) N of 0,2 up to 0,5 Nm
778	IEC 60598-1, p.4.20				Resistance to vibration: - frequency range - acceleration	resistant/not resistant of 5 up to 2000 Hz up to 5,0 g
779	IEC 60598-1, p.9.2.0, p.9.2.1, p.9.2.2				Protection against of dust and solid objects IP 1X - IP 6X	compliance/not compliance
780	IEC 60598-1, p.9.2.3- 9.2.8				Protection against of moisture IP X3 - IP X7	compliance/not compliance
781	IEC 60598-1, p.9.3				Humidity resistance : - tempreture - relative humidity	resistant/not resistant of 30 up to 60ºC of 10 up to 98%
782	IEC 60598-1, p.10.2.1				Insulation resistance:	compliance/not compliance (0 - 9500) MΩ
783	IEC 60598-1, p.10.2.2				Electric strength: voltage (100 - 5000) V	flashover or breakdown occur/ not occur
784	IEC 60598-1, p.13.2				Resistance to heat (presure of steel ball of 5 mm diameter with a force of 20 N)	resistant/not resistant
785	IEC 60598-1, p.13.3.1				Resistance to flame and ignition (needle-flame test)	resistant/not resistant
786	IEC 60598-1, section 13, p.13.4.				Resistance to tracking: - voltage	resistant/not resistant 175 V

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795	IEC 60598-2-1, p.1.13	Luminaires. Fixed general purpose luminaries	27.40	9405	Protection against of dust and solid objects IP 1X - IP 6X	compliance/not compliance
796	IEC 60598-2-1, p.1.13				Protection against of moisture IP X3 - IP X7	compliance/not compliance
797	IEC 60598-2-1, p.1.13				Humidity resistance : - tempreture - relative humidity	resistant/not resistant of 30 up to 60ºC of 10 up to 98%
798	IEC 60598-2-1, p.1.14				Insulation resistance:	compliance/not compliance (0 - 9500) MΩ
799	IEC 60598-2-1, p.1.14				Electric strength: voltage (100 - 5000) V	flashover or breakdown occur/ not occur
800	IEC 60598-2-1, p.1.15				Resistance to heat (presure of steel ball of 5 mm diameter with a force of 20 N)	resistant/not resistant
801	IEC 60598-2-1, p.1.15				Resistance to flame and ignition (needle-flame test)	resistant/not resistant
802	IEC 60598-2-1, p.1.15				Resistance to tracking: - voltage	resistant/not resistant 175 V
811	IEC 60598-2-2, p.2.13	Recessed luminaires	27.40	9405	Protection against of dust and solid objects IP 1X - IP 6X	compliance/not compliance
812	IEC 60598-2-2, p.2.13				Protection against of moisture IP X3 - IP X7	compliance/not compliance
813	IEC 60598-2-2, p.2.13				Humidity resistance : - tempreture - relative humidity	resistant/not resistant of 30 up to 60ºC of 10 up to 98%
814	IEC 60598-2-2, p.2.14				Insulation resistance:	compliance/not compliance (0 - 9500) MΩ
815	IEC 60598-2-2, p.2.14				Electric strength: voltage (100 - 5000) V	flashover or breakdown occur/ not occur
816	IEC 60598-2-2, p.2.15				Resistance to heat (presure of steel ball of 5 mm diameter with a force of 20 N)	resistant/not resistant
817	IEC 60598-2-2, p.2.15				Resistance to flame and ignition (needle-flame test)	resistant/not resistant
818	IEC 60598-2-2, p.2.15				Resistance to tracking: - voltage	resistant/not resistant 175 V
832	IEC 60598-2-3, p.3.6.5	Luminaires for road and street lighting	27.40	9405	Destruction of glass covers (the number of particles in the 50 mm square is more than 60)	compliance/not compliance
833	IEC 60598-2-3, p.3.13				Protection against of dust and solid objects IP 1X - IP 6X	compliance/not compliance
834	IEC 60598-2-3, p.3.13				Protection against of moisture IP X3 - IP X7	compliance/not compliance
835	IEC 60598-2-3, p.3.13				Humidity resistance : - tempreture - relative humidity	resistant/not resistant of 30 up to 60ºC of 10 up to 98%
836	IEC 60598-2-3, p.3.14				Insulation resistance:	compliance/not compliance (0 - 9500) MΩ

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837	IEC 60598-2-3, p.3.14	Luminaires for road and street lighting	27.40	9405	Electric strength: voltage (100 - 5000) V	flashover or breakdown occur/ not occur
838	IEC 60598-2-3, p.3.15				Resistance to heat (presure of steel ball of 5 mm diameter with a force of 20 N)	resistant/not resistant
839	IEC 60598-2-3, p.3.15				Resistance to flame and ignition (needle-flame test)	resistant/not resistant
840	IEC 60598-2-3, p.3.15				Resistance to tracking: - voltage	resistant/not resistant 175 V
849	IEC 60598-2-4, p.4.13				Protection against of dust and solid objects IP 1X - IP 6X	compliance/not compliance
850	IEC 60598-2-4, p.4.13				Protection against of moisture IP X3 - IP X7	compliance/not compliance
851	IEC 60598-2-4, p.4.13				Humidity resistance : - tempreture - relative humidity	resistant/not resistant of 30 up to 60ºC of 10 up to 98%
852	IEC 60598-2-4, p.4.14				Insulation resistance:	compliance/not compliance (0 - 9500) MΩ
853	IEC 60598-2-4, p.4.14	Luminaires. Portable general purpose luminaries	27.40	9405	Electric strength: voltage (100 - 5000) V	flashover or breakdown occur/ not occur
854	IEC 60598-2-4, p.4.15				Resistance to heat (presure of steel ball of 5 mm diameter with a force of 20 N)	resistant/not resistant
855	IEC 60598-2-4, p.4.15				Resistance to flame and ignition (needle-flame test)	resistant/not resistant
856	IEC 60598-2-4, p.4.15				Resistance to tracking: - voltage	resistant/not resistant 175 V
867	IEC 60598-2-5, p.5.6.8	Floodlights	27.40	9405	Mechanical strength: - impact energy - spring compression - a steel sphere 50 mm impact energy - impact energy of vertical impact device - the pressure of the standard test finger - impact energy of fragile parts	compliance/not compliance of 0,2 up to 0,7 Nm of 13 up to 24 mm 6,5 Nm (2 - 20) J (10 - 30) N of 0,2 up to 0,5 Nm
868	IEC 60598-2-5, p.5.6.8				Destruction of glass covers (the number of particles in the 50 mm square is more than 60)	compliance/not compliance
869	IEC 60598-2-5, p.5.13				Protection against of dust and solid objects IP 1X - IP 6X	compliance/not compliance
870	IEC 60598-2-5, p.5.13				Protection against of moisture IP X3 - IP X7	compliance/not compliance
871	IEC 60598-2-5, p.5.13				Humidity resistance : - tempreture - relative humidity	resistant/not resistant of 30 up to 60ºC of 10 up to 98%
872	IEC 60598-2-5, p.5.14				Insulation resistance:	compliance/not compliance (0 - 9500) MΩ

1	2	3	4	5	6	7
873	IEC 60598-2-5, p.5.14	Floodlights	27.40	9405	Electric strength: voltage (100 - 5000) V	flashover or breakdown occur/ not occur
874	IEC 60598-2-5, p.5.15				Resistance to heat (presure of steel ball of 5 mm diameter with a force of 20 N)	resistant/not resistant
875	IEC 60598-2-5, p.5.15				Resistance to flame and ignition (needle-flame test)	resistant/not resistant
876	IEC 60598-2-5, p.5.15				Resistance to tracking: - voltage	resistant/not resistant 175 V
915	IEC 60598-2-13, p.13.6.3	Ground recessed luminaires	27.40	9405	Resistance to thermal shock with iced water:	resistant/not resistant
916	IEC 60598-2-13, p.13.6.5				Mechanical strength: - a steel sphere 50 mm impact energy - impact energy of vertical impact device - the pressure of the standard test finger	compliance/not compliance 6,5 Nm (2 - 20) J (10 - 30) N
917	IEC 60598-2-13, p.13.13				Protection against of dust and solid objects IP 1X - IP 6X	compliance/not compliance
918	IEC 60598-2-13, p.13.13				Protection against of moisture IP X3 - IP X7	compliance/not compliance
919	IEC 60598-2-13, p.13.13				Humidity resistance : - tempreture - relative humidity	resistant/not resistant of 30 up to 60ºC of 10 up to 98%
920	IEC 60598-2-13, p.13.14				Insulation resistance:	compliance/not compliance (0 - 9500) MΩ
921	IEC 60598-2-13, p.13.14				Electric strength: voltage (100 - 5000) V	flashover or breakdown occur/ not occur
922	IEC 60598-2-13, p.13.15				Resistance to heat (presure of steel ball of 5 mm diameter with a force of 20 N)	resistant/not resistant
923	IEC 60598-2-13, p.13.15				Resistance to flame and ignition (needle-flame test)	resistant/not resistant
924	IEC 60598-2-13, p.13.15				Resistance to tracking: - voltage	resistant/not resistant 175 V
950	IEC 60598-2-22, p.22.6.4	Luminaires for emergency lighting	27.40	9405	Mechanical strength: - impact energy - spring compression - a steel sphere 50 mm impact energy - impact energy of vertical impact device - the pressure of the standard test finger - impact energy of fragile parts	compliance/not compliance of 0,2 up to 0,7 Nm of 13 up to 24 mm 6,5 Nm (2 - 20) J (10 - 30) N of 0,2 up to 0,5 Nm
951	IEC 60598-2-22, p.22.13				Protection against of dust and solid objects IP 1X - IP 6X	compliance/not compliance

1	2	3	4	5	6	7
952	IEC 60598-2-22, p.22.13	Luminaires for emergency lighting	27.40	9405	Protection against of moisture IP X3 - IP X7	compliance/not compliance
953	IEC 60598-2-22, p.22.13				Humidity resistance : - tempreture - relative humidity	resistant/not resistant of 30 up to 60ºC of 10 up to 98%
954	IEC 60598-2-22, p.22.14				Insulation resistance:	compliance/not compliance (0 - 9500) MΩ
955	IEC 60598-2-22, p.22.14				Electric strength: voltage (100 - 5000) V	flashover or breakdown occur/ not occur
956	IEC 60598-2-22, p.22.15				Resistance to heat (presure of steel ball of 5 mm diameter with a force of 20 N)	resistant/not resistant
957	IEC 60598-2-22, p.22.15				Resistance to flame and ignition (needle-flame test)	resistant/not resistant
958	IEC 60598-2-22, p.22.15				Resistance to tracking: - voltage	resistant/not resistant 175 V
1005	IEC 61347-1 section 11	Lamp controlgear	27.40 27.11 27.33	8504	Humidity resistance : - tempreture - relative humidity	resistant/not resistant of 30 up to 60ºC of 10 up to 98%
1006					Insulation resistance: - resistance - voltage DC	compliance/not compliance (0 - 9500) MΩ 500 V
1007	IEC 61347-1 section 12				Electric strength: - voltage (500 - 4000) V ±3% AC	flashover or breakdown occur/ not occur
1008	IEC 61347-1 section 13				Thermal endurance for windings: - temperature t_w - theoretical test temperature S - final lamp current - insulation resistance between winding and control gear enclosure after 500 V DC test	compliance/not compliance (90 - 150)ºC (108 - 253)ºC 1,15 In более 1 MΩ
1009	IEC 61347-1 section 18 p.18.2				Resistance to fire of printed boards (horizontal burning test for rigid materials)	resistant/not resistant
1010	IEC 61347-1 section 18 p.18.3				Resistance to fire (glowing/hot-wire test): - temperature	resistant/not resistant 650ºC
1011	IEC 61347-1 section 18 p.18.4				Resistance to flame and ignition (needle-flame test)	resistant/not resistant
1012	IEC 61347-1 section 18 p.18.5				Resistance to tracking: - voltage	resistant/not resistant 175 V

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1013	IEC 61347-2-9 section 11	Electromagnetic controlgear for discharge lamps (excluding fluorescent lamps)	27.40 27.11 27.33	из 8504	Humidity resistance : - tempreture - relative humidity	resistant/not resistant of 30 up to 60ºC of 10 up to 98%
1014					Insulation resistance: - resistance - voltage DC	compliance/not compliance (0 - 9500) MΩ 500 V
1015	IEC 61347-2-9 section 12				Electric strength: - voltage (500 - 4000) V ±3% AC	flashover or breakdown occur/ not occur
1016	IEC 61347-2-9 section 13				Thermal endurance for windings: - temperature t_w - theoretical test temperature S - final lamp current - insulation resistance between winding and control gear enclosure after 500 V DC test	compliance/not compliance (90 - 150)ºC (108 - 253)ºC 1,15 In более 1 MΩ
1017	IEC 61347-2-9 section 20				Resistance to fire of printed boards (horizontal burning test for rigid materials)	resistant/not resistant
1018					Resistance to fire (glowing/hot-wire test): - temperature	resistant/not resistant 650ºC
1019					Resistance to flame and ignition (needle-flame test)	resistant/not resistant
1020	IEC 61347-2-12 section 11	Lamp controlgear for d.c. or a.c. supplied electronic ballasts for discharge lamps (excluding fluorescent lamps)	27.40 27.11 27.33	из 8504	Humidity resistance : - tempreture - relative humidity	resistant/not resistant of 30 up to 60ºC of 10 up to 98%
1021					Insulation resistance: - resistance - voltage DC	compliance/not compliance (0 - 9500) MΩ 500 V
1022	IEC 61347-2-12 section 12				Electric strength: - voltage (500 - 4000) V ±3% AC	flashover or breakdown occur/ not occur
1023	IEC 61347-2-12 section 13				Thermal endurance for windings: - temperature t_w - theoretical test temperature S - final lamp current - insulation resistance between winding and control gear enclosure after 500 V DC test	compliance/not compliance (90 - 150)ºC (108 - 253)ºC 1,15 In более 1 MΩ
1024	IEC 61347-2-12 section 21				Resistance to fire of printed boards (horizontal burning test for rigid materials)	resistant/not resistant
1025					Resistance to fire (glowing/hot-wire test): - temperature	resistant/not resistant 650ºC
1026					Resistance to flame and ignition (needle-flame test)	resistant/not resistant
1027					Resistance to tracking: - voltage	resistant/not resistant 175 V

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1028	IEC 61347-2-13 section 11	Lamp controlgear for d.c. or a.c. supplied electronic controlgear for LED modules	27.40 27.11 27.33	8504	Humidity resistance : - tempreture - relative humidity	resistant/not resistant of 30 up to 60ºC of 10 up to 98%
1029					Insulation resistance: - resistance - voltage DC	compliance/not compliance (0 - 9500) MΩ 500 V
1030	IEC 61347-2-13 section 12				Electric strength: - voltage (500 - 4000) V ±3% AC	flashover or breakdown occur/ not occur
1031	IEC 61347-2-13 section 18				Resistance to fire of printed boards (horizontal burning test for rigid materials)	resistant/not resistant
1032					Resistance to fire (glowing/hot-wire test): - temperature	resistant/not resistant 650ºC
1033					Resistance to flame and ignition (needle-flame test)	resistant/not resistant
1034					Resistance to tracking: - voltage	resistant/not resistant 175 V
1040	IEC 62031 section 11	LED modules for general lighting	27.40 27.11 27.33	8541	Humidity resistance : - tempreture - relative humidity	resistant/not resistant of 30 up to 60ºC of 10 up to 98%
1041	IEC 62031 section 18				Resistance to fire of printed boards (horizontal burning test for rigid materials)	resistant/not resistant
1042					Resistance to fire (glowing/hot-wire test): - temperature	resistant/not resistant 650ºC
1043					Resistance to flame and ignition (needle-flame test)	resistant/not resistant
1044					Resistance to tracking: - voltage	resistant/not resistant 175 V
1049	IEC 62493 section 6, Annex E	Lighting equipment/ Luminaries with electronic components	27.40 27.11 27.33	8539 8541	Measured (weighted and summed) induced internal electric field: - internal electric field frequency range - factor F	compliance/not compliance of 20 kHz up to 10 MHz (0 - 1)
1228	IEC 60112	Rigid electrical insulation materials as part of lighting equipment, switches, plugs and socket-outlets for household and similar purposes, switchboards and terminal boxes	-	9405 8504 8541 8539 8544 8512 8536 8537 8538	Resistance to tracking	resistant/not resistant

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1230	IEC 61189-2 p.8.7	Rigid materials as part of lighting equipment, switches, plugs and socket-outlets for household and similar purposes, switchboards and terminal boxes	-	9405 8504 8541 8539 8544 8512 8536 8537 8538	Resistance to fire (horizontal burning test for rigid materials)	resistant/not resistant
1234	IEC 60068-2-75	Lighting equipment, switches, plugs and socket-outlets for household and similar purposes, switchboards and terminal boxes	-	9405 8504 8541 8539 8544 8512 8536 8537 8538	Mechanical strength: - impact energy - hammer's head weight	resistant/not resistant (0 - 50) J ±5% (0,2 - 10) kg ±2%
1236	IEC TR 62696	Luminaires	27.40	9405	Impact energy	(0 - 50) J
1238	IEC 62262	Lighting equipment, switches, plugs and socket-outlets for household and similar purposes, switchboards and terminal boxes	-	9405 8504 8541 8539 8544 8512 8536 8537 8538	code IK: Impact energy	IK 00 - IK 10 (0 - 50) J
1240	IEC 60695-2-10 sections 5 - 8	Lighting equipment, switches, plugs and socket-outlets for household and similar purposes, switchboards and terminal boxes	-	9405 8504 8541 8539 8544 8512 8536 8537 8538	Resistance to fire (glowing/hot-wire test)	resistant/not resistant

1	2	3	4	5	6	7
1242	IEC 60695-11-5	Lighting equipment, switches, plugs and socket-outlets for household and similar purposes, switchboards and terminal boxes	-	9405 8504 8541 8539 8544 8512 8536 8537 8538	Resistance to flame and ignition (needle-flame test)	resistant/not resistant

* the listed item numbers for test/measurement methods correspond to the numbering in the original national accreditation area

General Director LLC "VNISI" **A.G. Shakhparunyants**