

SAFETY TEST REPORT

Unofficial English Translation

Report No.	FTS23JR-6756S
Product Name	325 Module - 300W
Product Model	325-300W
Commissioning Party	Zhongshan Chengyu New Energy Technology Co., Ltd.
Test Type	Commissioned Testing
Testing Organization	Guangdong Yuanfang Testing Co., Ltd. (English translation of the Chinese company name)

IMPORTANT: This translation was prepared for customer reference only. It was not issued, certified, signed, or endorsed by the testing laboratory. Always send it together with the unchanged original Chinese test report.

The original Chinese report is appended after the English translation in the combined customer file.

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Translation note: Names and addresses are translated or romanized from the Chinese source. Any unusual wording or inconsistency in the source has been retained rather than silently corrected.

MAIN REPORT PAGE (Source Page 3)

Item	Information
Trademark	--
Quantity	1 unit
Sample Condition	Intact
Sample Source	Submitted for testing
Date Received	2023-10-21
Completion Date	2023-10-28
Commissioning Party / Applicant	Zhongshan Chengyu New Energy Technology Co., Ltd.
Applicant Address	No. 8, Fulin Street, Guzhen Town, Zhongshan City, Guangdong Province, China
Manufacturer	Zhongshan Chengyu New Energy Technology Co., Ltd.
Manufacturer Address	No. 8, Fulin Street, Guzhen Town, Zhongshan City, Guangdong Province, China
Model and Rating	325-300W, 300W (336 x 1W / LED module)

Test Standards

GB 7000.1-2015	Luminaires - Part 1: General Requirements and Tests
GB 7000.203-2013	Luminaires - Part 2-3: Particular Requirements - Luminaires for Road and Street Lighting

Test Conclusion: The commissioned test items covered by this test comply with the requirements of the applicable standards.

Role	Name (romanized)	Date
Main Tester	Lao Chunhua	2023-10-28
Reviewer	Wang Enbao	2023-10-28
Issuer	Huang Xiaolin	2023-10-28

Remark: The submitted product was tested for markings, static load, earthing provisions, pull test, protection against dust and solid foreign objects, water resistance, insulation resistance, electric strength, resistance to heat, and resistance to fire, among other commissioned items.

SAMPLE DESCRIPTION AND INFORMATION (Source Page 4)

No.	Description	Classification / Result
1	Classification according to protection against electric shock	Class I
2	Classification by protection against dust, solid foreign objects and water	IP66
3	Suitable for direct mounting on normally flammable surfaces	Yes
4	Mounting type	Cantilever / side-entry mounting
5	Light source type	LED light source
6	Rated voltage	220V AC
7	Power supply frequency	50Hz
8	Rated power	300W (336 x 1W / LED module)
9	Power factor	0.97
10	Product function	Lighting
11	Rated maximum operating temperature of winding	--
12	Rated maximum operating temperature of component enclosure	LED controlgear: tc 85 deg C
13	Rated maximum ambient temperature	ta 25 deg C
14	Main luminaire component	LED controlgear
15	Power connection method	Power cord
16	Sample weight	6.20 kg
17	Overall dimensions	See sample photographs
18	Cord anchorage	Compliant
19	Earth continuity	Compliant

SAMPLE PHOTOGRAPHS (Source Page 5)



Front view of the luminaire



Rear view of the luminaire

SAMPLE STRUCTURE AND COMPONENT PHOTOGRAPHS (Source Page 6)

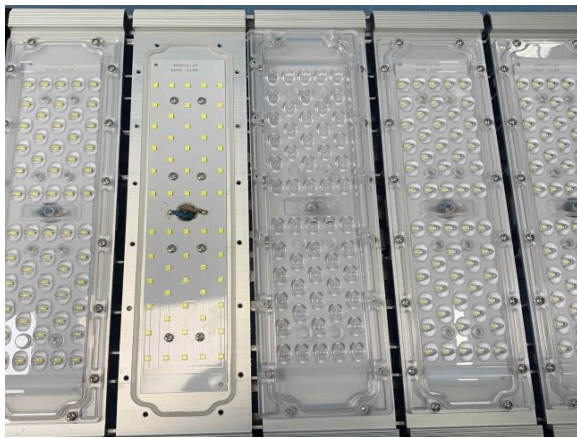
Luminaire opened



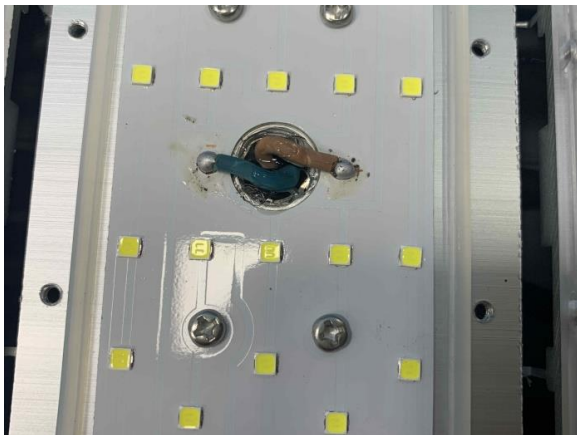
LED driver / controlgear label



Internal connector wiring



LED modules and lenses



Close-up of LED module

TEST PHOTOGRAPHS (Source Page 7)



IP6X dust test



IPX6 water-jet test



Static load test

TEST INSTRUMENT AND EQUIPMENT LIST (Source Pages 8-9)

No.	Equipment	Model	Equipment ID	Calibration Valid Until	Used
1	Gasoline	N/A	FTS-080	N/A	Yes
2	Stopwatch	PC894	FTS-005	2024/2/12	Yes
3	Digital caliper	CD-6"ASX	FTS-075	2024/2/12	Yes
4	Digital power meter	WT310	FTS-101	2024/2/12	
5	Digital power meter	WT310	FTS-046	2024/2/12	
6	Temperature and humidity meter	DWL-20	FTS-083	2024/2/13	Yes
7	Temperature and humidity meter	DWL-20	FTS-225	2024/2/13	
8	Digital push-pull force gauge	NH-200	FTS-013	2024/2/13	
9	Digital push-pull force gauge	SH-200	FTS-154	2024/2/12	
10	Digital push-pull force gauge	SH-500	FTS-155	2024/2/12	
11	Test finger	SN3403	FTS-018	2025/2/13	
12	Dial torque screwdriver	20FTD2-S	FTS-165	2024/2/12	
13	Dial torque screwdriver	10FTD2-S	FTS-166	2024/2/13	
14	Preset torque screwdriver	26RTD	FTS-169	2024/2/12	
15	Preset torque screwdriver	6RTD	FTS-170	2024/2/12	
16	High-precision torque driver	LA315006	FTS-079	2024/2/12	
17	Torque wrench	SDB-3	FTS-152	2024/2/12	
18	Torque wrench	SDB-20	FTS-153	2024/2/12	
19	Electronic balance	YH-A 30002	FTS-090	2024/2/12	
20	Electronic scale	TCS-100	FTS-016	2024/2/12	Yes
21	Spring impact hammer	ZLT-CJ1 (0.2J)	FTS-093	2024/2/13	
22	Spring impact hammer	ZLT-CJ1 (0.35J)	FTS-091	2024/2/13	
23	Spring impact hammer	SN3406 (0.5J)	FTS-021	2024/2/13	
24	Spring impact hammer	ZLT-CJ1 (0.7J)	FTS-092	2024/2/13	
25	IEC 60598 test chain	FZ-1233	FTS-168	N/A	
26	Tumbling barrel test machine	FZ-7804A	FTS-177	2025/2/12	
27	Multifunction inclination measuring instrument	JZC-B2	FTS-221	2024/2/13	
28	Manual stability test bench	FZ-1201	FTS-176	N/A	
29	Salt spray test chamber	HT-YW-60	FTS-226	2024/2/12	
30	Salt spray test chamber	ZE-7006	FTS-288	2024/2/12	
31	E27 screw lampholder gauge	/	FTS-160	2026/2/13	
32	E14 screw lampholder gauge	/	FTS-161	2026/2/13	
33	E14 nickel ring for cap temperature-rise test	E14	FTS-259	2024/2/13	
34	E27 nickel ring for cap temperature-rise test	E27	FTS-260	2024/2/13	
35	G5 gauge for finished and unassembled lampholders	/	FTS-162	2026/2/13	
36	G13 gauge for finished and unassembled lampholders	/	FTS-181	2026/2/13	
37	Lamp cap bending moment test device	FZ-1202E	FTS-151	2024/2/22	
38	Intelligent digital lamp cap torque meter	HP338	FTS-149	2025/2/13	
39	Tape measure	/	FTS-192	2025/2/13	
40	Steel ruler	/	FTS-193	2024/2/14	Yes
41	Digital micrometer	0-25mm	FTS-086	2024/2/12	
42	Power cord pull and torque test machine	FZ-1202	FTS-150	2024/2/12	Yes
43	Creepage distance and clearance test card	FZ-1119	FTS-167	N/A	
44	Standard test probe pin	SN3404	FTS-019	2024/2/22	
45	CSA test steel ball	SN3405	FTS-020	2025/2/13	
46	Variable-frequency regulated power supply	DWV-31020kv	FTS-027	2024/2/12	
47	Intelligent programmable variable-frequency power supply	DWV-31020	FTS-275	2024/2/12	
48	Intelligent programmable variable-frequency power supply	DWV-1050	FTS-276	2024/2/12	
49	Intelligent programmable variable-frequency power supply	DWV-1050	FTS-326	2024/2/12	
50	30 kVA single-phase variable-frequency power supply	DWV-31030	FTS-421	2024/2/12	
51	Programmable variable-frequency power supply	DWV-31010	FTS-446	2024/4/17	
52	Regulated DC power supply	PU600-2.6	FTS-423	2024/2/12	
53	Regulated DC power supply	PMC35-3	FTS-057	2024/2/12	
54	DC electronic load	IT8512B	FTS-030	2024/2/12	
55	Electronic load	PL-Z603WH	FTS-424	2024/2/12	
56	Electronic load	PLZ164W	FTS-136	2024/2/12	
57	Temperature data logger	34970A	FTS-098	2024/2/12	
58	Temperature data logger	34970A	FTS-025	2024/2/12	
59	Temperature data logger	34970A	FTS-028	2024/2/12	
60	Draught-proof enclosure for luminaire temperature-rise test	2m x 2m x 2m	FTS-032	N/A	
61	Digital power meter	8710C	FTS-291	2024/2/12	

No.	Equipment	Model	Equipment ID	Calibration Valid Until	Used
62	Digital power meter	8720	FTS-292	2024/2/12	
63	Test probe C	FZ-1107B	FTS-179	2024/2/22	
64	Test probe D	FZ-1107C	FTS-180	2024/2/22	
65	Dust test chamber	SC-210	FTS-289	2024/2/12	Yes
66	Time control box	DH48S-S	FTS-285	2024/2/12	Yes
67	Vertical dripping-water test apparatus	ZE-1201B	FTS-445	2024/4/17	
68	IEC water-spray test apparatus	ZE-1203	FTS-286	2024/2/12	Yes
69	IPX7/8 immersion test apparatus	ZE-1206	FTS-342	2024/2/12	
70	Constant temperature and humidity chamber	PL-2KP	FTS-081	2024/2/12	
71	Programmable temperature and humidity chamber	FZ-9707	FTS-174	2024/2/12	
72	Constant temperature and humidity chamber	225L	FTS-413	2024/2/12	
73	Constant temperature and humidity chamber	WGD/SJ-40408	FTS-419	2024/2/12	
74	Walk-in constant temperature and humidity chamber	GR-BTH22-12	FTS-428	2024/4/17	Yes
75	Programmable constant temperature and humidity chamber	WGD/SJ-406	FTS-440	2024/2/12	
76	Integrated safety tester	GPI-745A	FTS-078	2024/2/12	
77	Withstand voltage / insulation resistance tester	TOS9201	FTS-107	2024/2/12	Yes
78	Withstand voltage and insulation tester	IDI6161B	FTS-370	2024/2/12	
79	Oscilloscope	TDS5054B	FTS-097	2024/2/12	Yes
80	Protective conductor current network	FZ-1273E	FTS-266	2024/2/13	Yes
81	Leakage current tester	TOS3200	FTS-047	2024/2/12	Yes
82	Leakage current test meter	229-2	FTS-209	2024/2/13	
83	Leakage current measuring meter	228	FTS-283	2024/2/12	
84	Earth resistance tester	4105A	FTS-102	2024/2/12	
85	Earth resistance tester	LK2678	FTS-316	2024/2/12	Yes
86	Electric constant-temperature forced-air drying oven	FZ-8812B	FTS-173	2024/2/12	
87	Electric constant-temperature forced-air drying oven	FZ-8812	FTS-175	2024/2/12	
88	Constant-temperature forced-air drying oven	ZE-7015	FTS-337	2024/2/12	
89	Constant-temperature forced-air drying oven	ZE-7105	FTS-338	2024/2/12	Yes
90	Ball-pressure test apparatus	SN3407	FTS-022	2024/2/12	Yes
91	Needle-flame tester	ZE-1008	FTS-301	2024/2/12	Yes
92	Glow-wire tester	ZE-1005	FTS-302	2024/2/12	Yes
93	Glow-wire tester	FZ-5101A	FTS-002	2024/2/12	
94	Tracking index test apparatus	ZE-1011	FTS-290	2024/2/12	

TEST RESULTS - GB 7000.203 (GB 7000.1) - Source Page 10

Clause	Standard Requirement / Test Item	Test Result	Judgement
5(3)	Marking		P
5(3.2)	Marking on the luminaire		P
	Position of marking		P
	Format of symbols / text		P
5(-)	Additional contents in the instruction manual		P
	Designed operating position		P
	Weight		P
	Overall dimensions		P
	Maximum projected area (where applicable)		P
	Cross-sectional area of suspension wire (where applicable)		N
	Suitable for indoor use		N
	Junction-box cavity dimensions		N
	Torque on bolts or screws		P
	Maximum mounting height		P
5(3.3)	Additional information		P
	Language used in the instructions	Simplified Chinese	P
5(3.3.1)	Combined luminaires		N
5(3.3.2)	Rated frequency in Hz	50Hz	P
5(3.3.3)	Operating temperature	tc: 85 deg C	P
5(3.3.4)	Symbols or warning notices		N
5(3.3.5)	Wiring diagram		N
5(3.3.6)	Special conditions		N
5(3.3.7)	Warning for metal-halide luminaires		N
5(3.3.8)	Restrictions for semi-luminaires		N
5(3.3.9)	Power factor and supply current	Power factor: 0.97; Rated current: 1.4A	P
5(3.3.10)	Suitable for indoor use		N
5(3.3.11)	Luminaires using remote controlgear		N
5(3.3.12)	Warning for spring-clip mounted luminaires		N
5(3.3.13)	Instructions for protective shield		N
5(3.3.14)	Symbol for type of supply	AC (~)	P
5(3.3.15)	Rated current of socket outlet		N
5(3.3.16)	Luminaires for rough service		N
5(3.3.17)	Installation instructions for type Y, type Z and certain type X connections		N
5(3.3.18)	Non-ordinary luminaires using PVC flexible cable		N
5(3.3.19)	Instruction manual shall clearly state the protective conductor current		N
5(3.3.20)	For adjustable wall-mounted luminaires not intended for mounting within arm's reach, information shall be provided for correct installation		N
5(3.3.21)	Information for non-replaceable and non-user-replaceable light sources		P
	Warning symbol		N
5(3.3.22)	For controllable luminaires, provide the insulation class		N

TEST RESULTS - GB 7000.203 (GB 7000.1) - Source Page 11

Clause	Standard Requirement / Test Item	Test Result	Judgement
5(3.4)	Water test	15 s	P
	Gasoline test	15 s	P
	Marking remains legible after test	Legible	P
	Label remains fixed	No curling or detachment	P
6(4)	Construction		P
6.3(-)	Loading on supporting members		P
6.3.1(-)	Wind-force test	F = 517.6 N	P
6(4.16.1)	Spacing of lamp controlgear		N
	35 mm spacing		N
	10 mm spacing		N
8(7)	Earthing provisions		P
8.1(-)	Prevention of rotation		P
8(7.2.1 + 7.2.3)	Accessible metal parts		P
	Metal parts in contact with the supporting surface		P
	Resistance ≤ 0.5 ohm	0.042 ohm	P
	Use of two self-tapping screws		N
	Thread-forming screws		N
	Thread-forming screws used in grooves		N
	Earthing connection makes first		N
	Terminal block integral with a screwless earthing contact shall be tested according to Annex V		N
	Protective earthing of the luminaire does not pass through built-in controlgear		N
8(7.2.2 + 7.2.3)	Earth continuity of movable joints, etc.		N
8(7.2.4)	Locking of clamping devices		P
	Compliance with Clause 4.7.3		N
	Terminal block integral with a screwless earthing contact shall be tested according to Annex V		N
8(7.2.5)	Earthing contact forms part of a connector socket		N
8(7.2.6)	Earth terminal adjacent to supply terminals		N
8(7.2.7)	Electrolytic corrosion of earth terminal		N
8(7.2.8)	Material of earth terminal		P
	Contact surface is bare metal		P
8(7.2.10)	Class II luminaire for loop-in installation		N
	Double or reinforced insulation for functional earthing		N
8(7.2.11)	Green-and-yellow earth conductor		P
	Length of earthing conductor		P
10(5)	External and internal wiring		P
10(5.2.10.3)	Test		P

TEST RESULTS - GB 7000.203 (GB 7000.1) - Source Page 12

Clause	Standard Requirement / Test Item	Test Result	Judgement
	Flexible cable cannot be pushed in so as to create an unsafe condition		P
	Pull test: 25 times; pull force	60 N	P
	Torque test	0.25 Nm	P
	Displacement ≤ 2 mm	< 2 mm	P
	No displacement of conductors		P
	No damage to flexible cable or cord		P
13(9)	Resistance to dust, solid objects and water		P
13(9.2)	Tests for ingress of dust, solid objects and water		P
	IP classification	IP66	-
	Mounting position during test	Normal position	-
	Fastening screws tightened; torque	/	-
	Clauses used for test	9.2.2 + 9.2.7	-
	Subsequent electric strength test		P
	a) No talcum powder deposited inside dust-protected luminaire		N
	b) No talcum powder deposited inside dust-tight luminaire	No talcum powder deposited internally after test	P
	c) No water traces on live parts or in places that could cause a hazard	No water entered live parts after test	P
	c)(i) Luminaire without drain holes: no water entered		P
	c)(ii) Luminaire with drain holes: water ingress causes no hazard		N
	d) No water inside watertight luminaire		N
	e) No contact with live parts (IP2X)		N
	e) Test probe does not enter enclosure (IP3X and IP4X)		N
	e) No contact with live parts (IP3X and IP4X)		N
	f) No traces of water on any part of the light source of splash-proof luminaires		N
	g) Protective shield or glass cover is undamaged		P
13(9.3)	48-hour humidity test	25 deg C; 93% RH	P
14(10)	Insulation resistance and electric strength		P
14(10.2.1)	Insulation resistance test		P
	Flexible cable or cord wrapped with metal foil or replaced by metal rod	Wrapped with metal foil	-
	Insulation resistance (Mohm)		P
	SELV		P
	Between current-carrying parts of different polarities	LED module	P
	Between current-carrying parts and mounting surface	>100 Mohm	P
	Between current-carrying parts and metal parts of luminaire	>100 Mohm	P
	Between outer surface of cable/cord at cord anchorage and accessible metal parts	>100 Mohm	P
	Insulating bushings specified in Clause 5		N
	Non-SELV		P
	Between live parts of different polarities	LED controlgear	P
	Between live parts and mounting surface	>100 Mohm	P
	Between live parts and metal parts of luminaire	>100 Mohm	P

TEST RESULTS - GB 7000.203 (GB 7000.1) - Source Page 13

Clause	Standard Requirement / Test Item	Test Result	Judgement
	Between live parts that may become of different polarity through switch operation		N
	Between outer surface of cable/cord at cord anchorage and accessible metal parts	>100 Mohm	P
	Insulating bushings specified in Clause 5		N
14(10.2.2)	Electric strength test		P
	Dummy lamp		N
	After 24-hour operation test for luminaires with ignitors		N
	Luminaires with manual ignitors		N
	Test voltage		P
	SELV		P
	Between current-carrying parts of different polarities	LED module	P
	Between current-carrying parts and mounting surface	500 V	P
	Between current-carrying parts and metal parts of luminaire	500 V	P
	Between outer surface of cable/cord at cord anchorage and accessible metal parts	500 V	P
	Insulating bushings specified in Clause 5		N
	Non-SELV		P
	Between live parts of different polarities	LED controlgear	P
	Between live parts and mounting surface	1440 V	P
	Between live parts and metal parts of luminaire	1440 V	P
	Between live parts that may become of different polarity through switch operation		N
	Between outer surface of cable/cord at cord anchorage and accessible metal parts	1440 V	P
	Insulating bushings specified in Clause 5		N
14(10.3.1)	Touch current / protective conductor current	0.033 mA	P
15(13)	Resistance to heat, fire and tracking		P
15(13.2.1)	Ball-pressure test		P
	Part tested; temperature	Coupler; 125 deg C; <1.40 mm	P
	Part tested; temperature	Plastic lamp cover; 75 deg C; <1.20 mm	P
15(13.3.1)	Needle-flame test		P
	Part tested	Coupler; no ignition	P
	Part tested		N
15(13.3.2)	Glow-wire test		P
	Part tested	Plastic lamp cover; no ignition	P
	Part tested		N
15(13.4.1)	Tracking resistance test: part tested		N

JUDGEMENT LEGEND AND END OF REPORT (Source Page 14)

Code	Meaning
P	Test result complies with the requirement.
F	Test result does not comply with the requirement.
N	The requirement is not applicable to the product, or the item was not tested.

----- **END OF REPORT** -----

DECLARATION (Source Page 15)

1. The report is invalid without the dedicated test report seal.
2. Partial reproduction of the report is invalid.
3. The report is invalid if altered or if pages are missing.
4. Any objection to the test report should be communicated to the laboratory.
5. The commissioned test results apply only to the sample tested.
6. If the report does not bear the qualification accreditation mark, it may only be used for scientific research, teaching, internal quality control, and similar purposes.

Testing Organization	Guangdong Yuanfang Testing Co., Ltd.
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Translation disclaimer: This English document is not an original laboratory-issued test report and does not replace the Chinese original. The original seals, signatures and accreditation marks are shown only in the appended original report.



中国认可
国际互认
检测
TESTING
CNAS L10549



检测报告

报告编号：FTS23JR-6756S

产品名称：325 模组-300W

产品型号：325-300W

委托单位：中山市承宇新能源科技有限公司

检测项目：委托测试

检测机构：广东远方检测有限公司



报 告 组 成

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申请检测产品基本情况：

商 标：— 数 量：1 个
 样品状况：完好 样品来源：送检
 收样日期：2023-10-21 完成日期：2023-10-28
 委托单位：中山市承宇新能源科技有限公司
 委托单位地址：广东省中山市古镇镇福临街8号
 产企业：中山市承宇新能源科技有限公司
 生产企业地址：广东省中山市古镇镇福临街8号

本申请单元产品型号规格及相关情况说明：

1. 本申请单元型号规格：325-300W 300W（336×1W/LED 模块）

试验依据标准：

GB 7000.1-2015 《灯具 第1部分：一般要求与试验》
 GB 7000.203-2013 《灯具 第2-3部分：特殊要求 道路与街路照明灯具》

试验结论：本次委托检测项目符合标准要求。

主检：劳春华 签名：劳春华 日期：2023-10-28

审核：王恩宝 签名：王恩宝 日期：2023-10-28

签发：黄小林 签名：黄小林 日期：2023-10-28



备注：本次对委托单位送检的产品检测标记、静态载荷试验、接地规定、拉力试验、防尘、防固体异物和防水、绝缘电阻和电气强度及耐热耐火等项目。

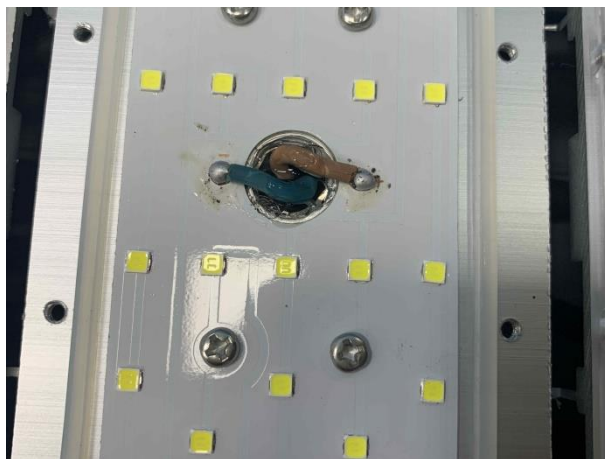
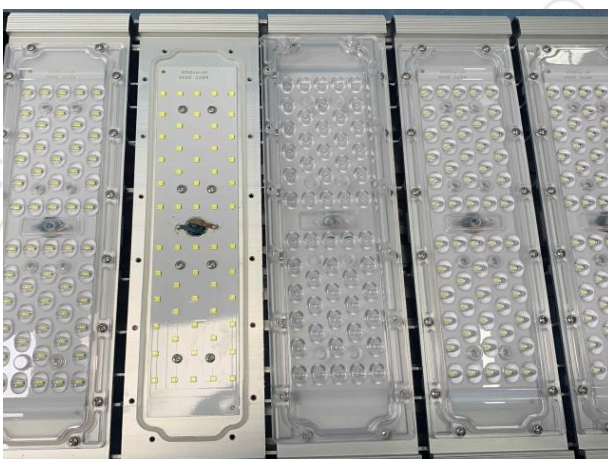
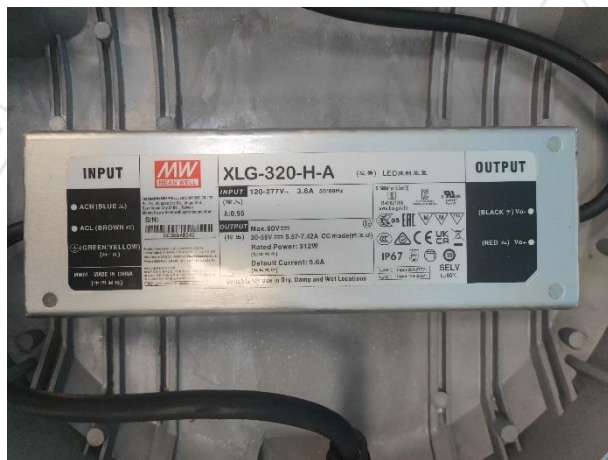
样品描述及说明

- (1) 按防触电保护分类:
☒ I 类; ☐ II 类; ☐ III 类。
- (2) 按防尘、防固体异物和防水等级分类: IP66
- (3) 按灯具设计是否可直接安装在普通可燃材料表面分类, 是☒ 否☐。
- (4) 按安装形式分类: ☒ 悬臂式; ☐ 顶装式; ☐ 壁式; ☐ 柱式合成;
- (5) 光源种类: ☐ 双端荧光灯; ☐ 单端荧光灯; ☐ 紧凑型荧光灯; ☐ 金属卤化物灯; ☐ 高压钠灯; ☐ 高压汞灯; ☐ 白炽灯; ☐ 卤钨灯; ☒ LED 光源; ☐ 特殊光源_____。
- (6) 额定电压 (V): 220V ~。
- (7) 电源频率 (Hz): 50Hz。
- (8) 额定功率 (W): 300W (336 × 1W/LED 模块)。
- (9) 功率因数: 0.97。
- (10) 产品的功能: 照明。
- (11) 绕组的额定最大工作温度: --
☐ 变压器绕组 (tw): ; ☐ 镇流器绕组 (tw): 。
- (12) 部件外壳的额定最高工作温度:
☐ 镇流器 (tc) ---, ☐ 电容器 (tc) ---, ☒ LED 控制装置 (tc) 85℃,
☐ 启动器 (tc) ---, ☐ 电子变压器 (tc) ---, ☐ 触发器 (tc) ---。
- (13) 额定最高环境温度 (ta): 25℃。
- (14) 灯具主要部件:
☐ 电感镇流器; ☐ 电子镇流器; ☐ 电感变压器; ☐ 电子变压器;
☐ 荧光灯座; ☐ 启动器座; ☐ 杂类灯座; ☐ 调光装置;
☐ 启动器; ☐ 触发器; ☐ 电容器; ☐ 开关; ☐ 螺口灯座;
☐ 插口灯座; ☐ 器具耦合器; ☒ LED 控制装置。
- (15) 电源连接方式: 电源线
- (16) 样品重量: 6.20kg
- (17) 样品外形尺寸: 见样品图片
- (18) 导线固定架: 合格
- (19) 接地连续性: 合格

灯具的结构、外观照片



灯具的结构、外观照片



灯具的结构、外观照片

IP6X 试验



IPX6 试验



静态载荷试验



试验仪器设备清单

序号	名称	型号	编号	校准有效期	本次使用(√)
1.	汽油	N/A	FTS-080	N/A	√
2.	秒表	PC894	FTS-005	2024/2/12	√
3.	数显卡尺	CD-6"ASX	FTS-075	2024/2/12	√
4.	数字功率计	WT310	FTS-101	2024/2/12	
5.	数字功率计	WT310	FTS-046	2024/2/12	
6.	温湿度计	DWL-20	FTS-083	2024/2/13	√
7.	温湿度计	DWL-20	FTS-225	2024/2/13	
8.	数显推拉力计	NH-200	FTS-013	2024/2/13	
9.	数显推拉力计	SH-200	FTS-154	2024/2/12	
10.	数显推拉力计	SH-500	FTS-155	2024/2/12	
11.	试验直指	SN3403	FTS-018	2025/2/13	
12.	表盘式扭力螺丝刀	20FTD2-S	FTS-165	2024/2/12	
13.	表盘式扭力螺丝刀	10FTD2-S	FTS-166	2024/2/13	
14.	定值式扭力螺丝刀	26RTD	FTS-169	2024/2/12	
15.	定值式扭力螺丝刀	6RTD	FTS-170	2024/2/12	
16.	高精度扭力批	LA315006	FTS-079	2024/2/12	
17.	扭力扳手	SDB-3	FTS-152	2024/2/12	
18.	扭力扳手	SDB-20	FTS-153	2024/2/12	
19.	电子天平	YH-A 30002	FTS-090	2024/2/12	
20.	电子称	TCS-100	FTS-016	2024/2/12	√
21.	弹簧冲击器	ZLT-CJ1 (0. 2J)	FTS-093	2024/2/13	
22.	弹簧冲击器	ZLT-CJ1 (0. 35J)	FTS-091	2024/2/13	
23.	弹簧冲击器	SN3406 (0. 5J)	FTS-021	2024/2/13	
24.	弹簧冲击器	ZLT-CJ1 (0. 7J)	FTS-092	2024/2/13	
25.	IEC60598 试验链	FZ-1233	FTS-168	N/A	
26.	滚桶跌落试验机	FZ-7804A	FTS-177	2025/2/12	
27.	多功能坡度测量仪	JZC-B2	FTS-221	2024/2/13	
28.	手动型稳定性试验台	FZ-1201	FTS-176	N/A	
29.	盐雾试验机	HT-YW-60	FTS-226	2024/2/12	
30.	盐雾试验机	ZE-7006	FTS-288	2024/2/12	
31.	E27 螺口灯头量规	/	FTS-160	2026/2/13	
32.	E14 螺口灯头量规	/	FTS-161	2026/2/13	
33.	E14 灯头温升镍圈	E14	FTS-259	2024/2/13	
34.	E27 灯头温升镍圈	E27	FTS-260	2024/2/13	
35.	G5 成品及未组装灯头量规	/	FTS-162	2026/2/13	
36.	G13 成品及未组装灯头量规	/	FTS-181	2026/2/13	
37.	灯头弯矩试验装置	FZ-1202E	FTS-151	2024/2/22	
38.	智能数字式灯头扭矩仪	HP338	FTS-149	2025/2/13	
39.	卷尺	/	FTS-192	2025/2/13	
40.	钢尺	/	FTS-193	2024/2/14	√
41.	数显千分尺	0-25mm	FTS-086	2024/2/12	
42.	电源线拉力扭转试验机	FZ-1202	FTS-150	2024/2/12	√
43.	爬电距离和电气间隙测试卡	FZ-1119	FTS-167	N/A	
44.	标准试验指针销	SN3404	FTS-019	2024/2/22	
45.	CSA 试验钢球	SN3405	FTS-020	2025/2/13	
46.	变频稳压电源	DWV-31020kv	FTS-027	2024/2/12	
47.	智能程控变频电源	DWV-31020	FTS-275	2024/2/12	
48.	智能程控变频电源	DWV-1050	FTS-276	2024/2/12	

序号	名称	型号	编号	校准有效期	本次使用(√)
49.	智能程控变频电源	DWV-1050	FTS-326	2024/2/12	
50.	30KVA 单相变频电源	DWV-31030	FTS-421	2024/2/12	
51.	程控变频电源	DWV-31010	FTS-446	2024/4/17	
52.	稳压直流电源	PU600-2.6	FTS-423	2024/2/12	
53.	稳压直流电源	PMC35-3	FTS-057	2024/2/12	
54.	直流负载	IT8512B	FTS-030	2024/2/12	
55.	电子负载	PL-Z603WH	FTS-424	2024/2/12	
56.	电子负载	PLZ164W	FTS-136	2024/2/12	
57.	温度打点记录仪	34970A	FTS-098	2024/2/12	
58.	温度打点记录仪	34970A	FTS-025	2024/2/12	
59.	温度打点记录仪	34970A	FTS-028	2024/2/12	
60.	灯具温升测试防风罩	2m×2m×2m	FTS-032	N/A	
61.	数字功率计	8710C	FTS-291	2024/2/12	
62.	数字功率计	8720	FTS-292	2024/2/12	
63.	试具 C 试验探针	FZ-1107B	FTS-179	2024/2/22	
64.	试具 D 试验探针	FZ-1107C	FTS-180	2024/2/22	
65.	砂尘试验箱	SC-210	FTS-289	2024/2/12	√
66.	时间控制箱器	DH48S-S	FTS-285	2024/2/12	√
67.	垂直滴水试验装置	ZE-1201B	FTS-445	2024/4/17	
68.	IEC 喷水试验装置	ZE-1203	FTS-286	2024/2/12	√
69.	IPX7/8 浸水试验装置	ZE-1206	FTS-342	2024/2/12	
70.	恒温恒湿试验箱	PL-2KP	FTS-081	2024/2/12	
71.	程式恒温恒湿试验机	FZ-9707	FTS-174	2024/2/12	
72.	恒温恒湿试验箱	225L	FTS-413	2024/2/12	
73.	恒温恒湿试验箱	WGD/SJ-40408	FTS-419	2024/2/12	
74.	步入式恒温恒湿试验箱	GR-BTH22-12	FTS-428	2024/4/17	√
75.	程式恒温恒湿试验箱	WGD/SJ-406	FTS-440	2024/2/12	
76.	安规综合测试仪	GPI-745A	FTS-078	2024/2/12	
77.	耐压/绝缘电阻测试仪	TOS9201	FTS-107	2024/2/12	√
78.	耐压绝缘测试仪	IDI6161B	FTS-370	2024/2/12	
79.	示波器	TDS5054B	FTS-097	2024/2/12	√
80.	导体保护电流网络	FZ-1273E	FTS-266	2024/2/13	√
81.	泄露电流测试仪	TOS3200	FTS-047	2024/2/12	√
82.	漏电流测试表	229-2	FTS-209	2024/2/13	
83.	泄漏电流测量表	228	FTS-283	2024/2/12	
84.	接地电阻测试仪	4105A	FTS-102	2024/2/12	
85.	接地电阻测试仪	LK2678	FTS-316	2024/2/12	√
86.	电热恒温鼓风干燥箱	FZ-8812B	FTS-173	2024/2/12	
87.	电热恒温鼓风干燥箱	FZ-8812	FTS-175	2024/2/12	
88.	恒温鼓风干燥箱	ZE-7015	FTS-337	2024/2/12	
89.	恒温鼓风干燥箱	ZE-7105	FTS-338	2024/2/12	√
90.	球压试验仪	SN3407	FTS-022	2024/2/12	√
91.	针焰试验仪	ZE-1008	FTS-301	2024/2/12	√
92.	灼热丝试验仪	ZE-1005	FTS-302	2024/2/12	√
93.	灼热丝试验仪	FZ-5101A	FTS-002	2024/2/12	
94.	漏电起痕试验仪	ZE-1011	FTS-290	2024/2/12	

GB7000.203 (GB7000.1)			
条款	标准要求	试验结果	判定

5(3)	标记		P
5(3.2)	灯具上的标记		P
	标志的位置		P
	符号/文本的格式		P
5(-)	说明书中的附加内容		P
	设计工作状态		P
	重量		P
	外形尺寸		P
	最大的投影面积 (适用时)		P
	悬挂线的截面积 (适用时)		N
	适合在室内使用		N
	接线盒腔体尺寸		N
	螺栓或螺钉上的扭矩		P
	最大安装高度		P
5(3.3)	附加内容		P
	说明书所用的语言	简体中文	P
5(3.3.1)	组合式灯具		N
5(3.3.2)	以 Hz 为单位的标称频率	50Hz	P
5(3.3.3)	工作温度	tc: 85℃	P
5(3.3.4)	符号或警告注意事项		N
5(3.3.5)	接线图		N
5(3.3.6)	特殊条件		N
5(3.3.7)	金属卤化物灯灯具的警告		N
5(3.3.8)	半灯具的限制		N
5(3.3.9)	功率因数和电源电流	功率因数: 0.97 额定电流: 1.4A	P
5(3.3.10)	适于室内使用		N
5(3.3.11)	使用遥控控制装置的灯具		N
5(3.3.12)	弹簧夹紧安装式灯具的警告		N
5(3.3.13)	防护罩的说明		N
5(3.3.14)	电源种类的符号	~	P
5(3.3.15)	插座的额定电流		N
5(3.3.16)	恶劣条件使用的灯具		N
5(3.3.17)	Y 型、Z 型和一些 X 型连接的安装说明书		N
5(3.3.18)	用 PVC 软缆的非普通灯具		N
5(3.3.19)	说明书内应明确声明保护导体电流		N
5(3.3.20)	不打算安装在伸臂范围内的墙壁安装且可调节灯具, 应提供其正确安装建议的信息		N
5(3.3.21)	提供不可替代光源和非用户替换光源信息		P
	警告符号		N
5(3.3.22)	对可控灯具, 提供绝缘类别		N

GB7000.203 (GB7000.1)			
条款	标准要求	试验结果	判定

5(3.4)	用水试验	15s	P
	用汽油试验	15s	P
	试验后字迹清晰	字迹清晰	P
	标贴固定	无卷曲无脱落	P

6(4)	结构		P
6.3(-)	支撑件上的加载		P
6.3.1(-)	风力试验	F=517.6N	P
6(4.16.1)	灯的控制装置的间距:		N
	-35mm 间距		N
	-10mm 间距		N

8(7)	接地规定		P
8.1(-)	防止转动		P
8(7.2.1 +7.2.3)	可触及的金属部件		P
	与支承表面接触的金属部件		P
	电阻 $\leq 0.5\Omega$	0.042 Ω	P
	使用两个自攻螺钉		N
	螺纹成形螺钉		N
	用于凹槽内的螺纹成形螺钉		N
	接地连接件先接通		N
	与无螺纹接地触点成一个整体的接线端子座 应按照附录 V 试验		N
	灯具的保护接地不通过内装式控制装置		N
8(7.2.2 +7.2.3)	活动连接件等的接地连续性		N
8(7.2.4)	夹紧装置的锁定		P
	符合第 4.7.3 条		N
	与无螺纹接地触点成一个整体的接线端子座 应按照附录 V 试验		N
8(7.2.5)	接地触点是连接插座的一部分		N
8(7.2.6)	接地端子邻近电源接线端子		N
8(7.2.7)	接地端子的电解腐蚀		N
8(7.2.8)	接地端子的材料		P
	接触表面是裸露金属		P
8(7.2.10)	环路安装的 II 类灯具		N
	功能接地的双重或加强绝缘		N
8(7.2.11)	黄绿双色的接地芯线		P
	接地导体的长度		P

10(5)	外部接线和内部接线		P
10(5.2.10.3)	试验:		P

GB7000.203 (GB7000.1)			
条款	标准要求	试验结果	判定

	-不可能将软缆推入; 不安全		P
	-拉力试验: 25 次; 拉力 (N)	60N	P
	-扭矩试验: 扭矩 (Nm)	0.25Nm	P
	-位移 ≤ 2mm	< 2mm	P
	-没有导体的位移		P
	-没有软缆或软线的损坏		P

13(9)	防尘、防固体异物和防水		P
13(9.2)	防止粉尘、固体异物和水的侵入试验:		P
	—按 IP 的分类.....	IP66	—
	—试验期间的安装位置.....	正常位置	—
	—紧固螺钉锁紧; 扭矩 (Nm)	/	—
	—试验依据的条款	9.2.2+9.2.7	—
	—随后的电气强度试验		P
	a) 防尘灯具内无滑石粉沉积		N
	b) 尘密灯具内无滑石粉沉积	试验后内部无滑石粉沉积	P
	c) 载流部件或可能造成危害的地方无水迹	试验后载流部件无水进入	P
	c) i) 没有排水孔的灯具, 没有水进入		P
	c) ii) 有排水孔的灯具, 水进入没有危害		N
	d) 水密灯具内无水		N
	e) 不与带电部件接触 (IP2X)		N
	e) 试具不进入外壳内 (IP3X 和 IP4X)		N
	e) 没有接触带电部件 (IP3X 和 IP4X)		N
	f) 防溅水的灯具光源的任何部件应无水的痕迹		N
	g) 保护屏或玻璃罩应无损坏		P
13(9.3)	48 小时潮湿试验	25°C; 93% RH	P

14(10)	绝缘电阻和电气强度		P
14(10.2.1)	绝缘电阻试验		P
	软缆软线用金属箔包覆或用金属棒代替 Φ (mm)	金属箔包覆	—
	绝缘电阻 (MΩ):		P
	SELV:		P
	-不同极性的载流部件之间.	LED 模块	P
	-载流部件与安装表面之间.....	>100 MΩ	P
	-载流部件与灯具的金属部件之间.	>100 MΩ	P
	—软线固定架夹紧处软线或软缆的外表面和可触及金属部件之间.....	>100 MΩ	P
	—第 5 章规定的绝缘衬套.....		N
	非 SELV:		P
	-不同极性的带电部件之间.	LED 控制装置	P
	-带电部件与安装表面之间.....	>100 MΩ	P
	-带电部件与灯具的金属部件之间.....	>100 MΩ	P

GB7000.203 (GB7000.1)			
条款	标准要求	试验结果	判定

	-通过开关动作可以成为不同极性的带电部件之间.....:		N
	—软线固定架夹紧处软线或软缆的外表面和可触及金属部件之间.....:	>100 MΩ	P
	—第 5 章规定的绝缘衬套.....:		N
14(10.2.2)	电气强度试验		P
	模拟灯		N
	带触发器的灯具工作 24h 试验后		N
	带手动触发器的灯具		N
	试验电压 (V):		P
	SELV:		P
	-不同极性的载流部件之间.....:	LED 模块	P
	-载流部件与安装表面之间.....:	500V	P
	-载流部件与灯具的金属部件之间.....:	500V	P
	—软线固定架夹紧处软线或软缆的外表面和可触及金属部件之间.....:	500V	P
	—第 5 章规定的绝缘衬套.....:		N
	非 SELV:		P
	-不同极性的带电部件之间.....:	LED 控制装置	P
	-带电部件与安装表面之间.....:	1440V	P
	-带电部件与灯具的金属部件之间.....:	1440V	P
	-通过开关动作可以成为不同极性的带电部件之间.....:		N
	—软线固定架夹紧处软线或软缆的外表面和可触及金属部件之间.....:	1440V	P
	—第 5 章规定的绝缘衬套.....:		N
14(10.3.1)	接触电流/保护电流 (mA)	0.033mA	P

15(13)	耐热、耐火和耐起痕		P
15(13.2.1)	球压试验:		P
	-受试部件; 温度 (°C)	耦合器; 125°C; < 1.40mm	P
	-受试部件; 温度 (°C)	塑料灯罩; 75°C; < 1.20mm	P
15(13.3.1)	针焰试验:		P
	-受试部件.....	耦合器; 无引燃	P
	-受试部件.....		N
15(13.3.2)	灼热丝试验:		P
	-受试部件.....	塑料灯罩; 无引燃	P
	-受试部件.....		N
15(13.4.1)	耐起痕试验: 受试部件.....		N

GB7000.203 (GB7000.1)			
条款	标准要求	试验结果	判定

判定: P 试验结果符合要求;
F 试验结果不符合要求;
N 要求不适用于该产品, 或不进行该项试验。

报告结束



声 明

- 1、报告无“检测专用章”无效。
- 2、报告部分复制无效。
- 3、报告涂改、缺页无效。
- 4、若对检测报告有异议，应与本实验室沟通。
- 5、委托检测结果仅对所检测样品负责。
- 6、报告未加盖资质认定标志章，则仅用于科研、教学、内部质量控制等用途。

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