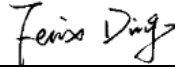
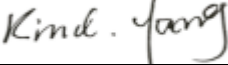


TEST REPORT IEC 62560 Self-Ballasted LED-Lamp for general lighting services by voltage > 50V Safety specifications	
Report Number	PRMS2504342-01SR
Date of issue	2025-04-24
Total number of pages	14
Name of Testing Laboratory preparing the Report	ShenZhen Promise Test Technology Co., Ltd.
Applicant's name	Zhongshan Kerisheng supply chain Management Co., LTD
Address	Card 04, 33rd Floor, Lihe Commercial Center, 98 Tongxing Road, Guzhen Town, Zhongshan City
Test specification:	
Standard	IEC 62560:2011, AMD1:2015; EN 62560:2012+A1:2015+A11:2019
Test procedure	Test report
Non-standard test method	N/A
Test Report Form No.	IEC62560C
Test Report Form(s) Originator	DEKRA Certification B.V.
Master TRF	Dated 2018-12-21
<p>Copyright © 2018 IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE System). All rights reserved.</p> <p>This publication may be reproduced in whole or in part for non-commercial purposes as long as the IECEE is acknowledged as copyright owner and source of the material. IECEE takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context.</p> <p>If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed.</p>	
General disclaimer:	
<p>The test results presented in this report relate only to the object tested.</p> <p>This report shall not be reproduced, except in full, without the written approval of the Issuing Testing Laboratory. The authenticity of this Test Report and its contents can be verified, responsible for this Test Report.</p>	

Test item description :	LED bulb
Trade Mark :	
Manufacturer	Guangdong Shengpu Lighting Technology Co., Ltd. Factory No. 03, 1st Floor, Building 2, No. 11, Gaoxin East Road, Jianghai District, Jiangmen City (Multiple Business Licenses at One Address), Guangdong Province, China
Model/Type reference :	See "General product information and other remarks"
Ratings	See "General product information and other remarks"

Testing procedure and testing location:		
<input checked="" type="checkbox"/>	Testing Laboratory:	ShenZhen PromiseTest Technology Co., Ltd.
	Testing location/ address	103, Building 1, Yibaolai Industrial City, Qiaotou Community, Fuhai Street, Baoan District, Shenzhen, Guangdong, China
<input type="checkbox"/>	Associated Testing Laboratory:	
	Testing location/ address	
	Tested by (name + signature) :	Felix Ding 
	Approved by (name + signature) :	Kind Yang 

List of Attachments:**Attachment 1 Photo Documentation****Summary of testing:****Tests performed (name of test and test clause):**

IEC 62560:2011, AMD1:2015; EN
62560:2012+A1:2015+ A11:2019

Testing location:

ShenZhen Promise Test Technology Co., Ltd.
103, Building 1, Yibaolai Industrial City, Qiaotou
Community, Fuhai Street, Baoan District,
Shenzhen, Guangdong, China

Copy of marking plate:

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks.

LED bulb

Input: 180-265V~, 50/60Hz, 60W

Model: TP-03V-0060-01B




Guangdong Shengpu Lighting Technology Co., Ltd.

MADE IN CHINA

Test item particulars.....:							
Classification of installation and use.....: Lamp							
Supply Connection : E27, E14							
Possible test case verdicts:							
- test case does not apply to the test object.....: N/A							
- test object does meet the requirement.....: P (Pass)							
- test object does not meet the requirement.....: F (Fail)							
Testing.....:							
Date of receipt of test item : 2025-04-10							
Date (s) of performance of tests : 2025-04-10 to 2025-04-24							
General remarks:							
"(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report.							
Throughout this report a <input type="checkbox"/> comma / <input checked="" type="checkbox"/> point is used as the decimal separator.							
When differences exist; they shall be identified in the General product information section.							
Name and address of factory (ies) : Guangdong Shengpu Lighting Technology Co., Ltd. Factory No. 03, 1st Floor, Building 2, No. 11, Gaoxin East Road, Jianghai District, Jiangmen City (Multiple Business Licenses at One Address), Guangdong Province, China							
General product information and other remarks:							
The maximum operation temperature is 25°C.							
Product description: Input: 180-265V~ 50/60Hz							
No.	Model No.	Power	lamp cap	No.	Model No.	lamp cap	Power
1	AP-01V-0010-01A	10W	E27	45	TP-02V-0040-01A	E27	40W
2	AP-03V-0005-01A	5W	E27	46	TP-02V-0050-01A	E27	50W
3	AP-03V-0015-01A	15W	E27	47	AP-05V-0005-01B	E27	5W
4	AP-03V-0020-01A	20W	E27	48	AP-05V-0005-02B	E27	5W
5	AP-02V-0005-01A	5W	E27	49	AP-05V-0010-01A	E27	10W
6	AP-02V-0010-01A	10W	E27	50	AP-05V-0010-02A	E27	10W
7	AP-02V-0015-01A	15W	E27	51	AP-05V-0015-01A	E27	15W
8	AP-02V-0020-01A	20W	E27	52	AP-05V-0015-02A	E27	15W
9	ZP-01V-0009-01A	9W	E27	53	AP-05V-0020-01A	E27	20W
10	ZP-01V-0012-01A	12W	E27	54	AP-05V-0020-02A	E27	20W

11	ZP-01V-0009-02A	9W	E27	55	TP-03V-0020-01B	E27	20W
12	ZP-01V-0012-02A	12W	E27	56	TP-03V-0020-02B	E27	20W
13	TP-02V-0020-01A	20W	E27	57	TP-03V-0030-01B	E27	30W
14	TP-02V-0030-01A	30W	E27	58	TP-03V-0030-02B	E27	30W
15	AP-06V-0005-01A	5W	E27	59	TP-03V-0040-01B	E27	40W
16	AP-06V-0005-02A	5W	E27	60	TP-03V-0040-02B	E27	40W
17	AP-06V-0010-01A	10W	E27	61	TP-03V-0050-01B	E27	50W
18	AP-06V-0010-02A	10W	E27	62	TP-03V-0050-02B	E27	50W
19	AP-06V-0015-01A	15W	E27	63	TP-03V-0060-01B	E27	60W
20	AP-06V-0015-02A	15W	E27	64	DS-08V-0004-06A	E27	4W
21	DS-01V-0004-02A	4W	E27	65	DS-09V-0002-07A	E27	2W
22	DS-02V-0004-02A	4W	E27	66	DS-10V-0002-07A	E27	2W
23	DS-03V-0004-06A	4W	E27	67	DS-11V-0004-06A	E27	4W
24	DS-04V-0003-06A	3W	E27	68	DS-12V-0004-02A	E27	4W
25	DS-05V-0003-06A	3W	E27	69	DS-13V-0004-02A	E27	4W
26	DS-06V-0003-06A	3W	E27	70	DS-14V-0004-06A	E27	4W
27	DS-07V-0003-06A	3W	E27	71	DS-15V-0003-06A	E27	3W
28	DS-16V-0003-06A	3W	E27	72	DS-19V-0004-06A	E27	4W
29	DS-17V-0003-06A	3W	E27	73	DS-20V-0004-02A	E27	4W
30	DS-18V-0003-06A	3W	E27	74	TP-01V-0040-01A	E27	40W
31	TP-04V-0040-01A	40W	E27	75	TP-04V-0050-01A	E27	50W
32	DC-01V-0024-02A	24W	E27	76	DC-01V-0024-07A	E27	24W
33	RP-01V-0009-01A	9W	E27	77	RP-01V-0012-01A	E27	15W
34	AP-05U-0010-01B	10W	E27	78	LED LAMP 7W E27	E27	7W
35	AP-05U-0010-02B	10W	E27	79	LED LAMP 10W E27	E27	10W
36	AP-05U-0015-01B	15W	E27	80	LED LAMP 12W E27	E27	12W
37	AP-05U-0020-01B	20W	E27	81	LED LAMP 9W E27	E27	9W
38	AP-06U-0005-01A	5W	E27	82	LED LAMP 9W E14	E14	9W
39	AP-06U-0005-02A	5W	E27	/	/	/	/
40	AP-06U-0010-01A	10W	E27	/	/	/	/
41	AP-06U-0010-02A	10W	E27	/	/	/	/
42	AP-06U-0015-01A	15W	E27	/	/	/	/
43	AP-06U-0015-02A	15W	E27	/	/	/	/
44	AP-05U-0010-01L	10W	E27	/	/	/	/

Full tests are performed on the following models: TP-03V-0060-01B, LED LAMP 9W E14

IEC 62560			
Clause	Requirement + Test	Result - Remark	Verdict
4	GENERAL REQUIREMENTS		P
4.1	The lamp shall be so designed and constructed that in normal use cause no danger to the user.		P
4.2	Self-ballasted LED-Lamp are non-repairable.		P
5	MARKING		P
5.1	Mandatory marking		P
	- mark of origin	See marking label	P
	- rated supply voltage (V)		P
	- rated wattage (W)		P
	- rated frequency (Hz).....		P
5.2	Addition marking		P
	- rated current (A)		N/A
	- weight significantly higher		N/A
	- special conditions or restrictions		P
	Not suitable for dimming; symbol  used		P
	- not suitable for water contact		P
5.3	Marking durable and legible		P
	rubbing 15 s water, 15 s petroleum; marking legible		P
6	INTERCHANGEABILITY		P
6.1	Cap interchangeability in accordance with IEC 60061-1		P
	Gauge in accordance with IEC 60061-3		P
6.2	Bending moment and mass imparted by the lamp at the lampholder		P
	Bending moment imparted by the lamp at the lampholder (Nm)	E27, 2 Nm E14, 1 Nm	P
	Mass not exceeding value table 2 or as specified in IEC 60061-1 (kg)	E27, 1 kg	P
7	PROTECTION AGAINST ACCIDENTAL CONTACT WITH LIVE PARTS		P
	Internal, basic insulated or live metal parts not accessible		P
	Tested with a test finger with a force of 10 N		P
	Compliance checked with appropriate gauges		P

IEC 62560			
Clause	Requirement + Test	Result - Remark	Verdict
8	INSULATION RESISTANCE AND ELECTRIC STRENGTH		P
8.2	After storage 48 h at 91-95% relative humidity and 20-30 °C measuring of insulation resistance with d.c. 500 V (MΩ):		P
	≥ 4 MΩ for double or reinforced insulation	Between live parts of cap and accessible parts: ≥100 MΩ	P
8.3	Immediately after clause 8.2 electric strength test for 1 min		P
	Double or reinforced insulation, 4U + 2000 V	Between live parts of cap and accessible parts: 3060V	P
	No flashover or breakdown		P
9	MECHANICAL STRENGTH		P
9.2.1	Torsion resistance of unused lamps		P
	B15d or E14 Cap..... 1,15 Nm		P
	B22d, E26, E26d or E27 Cap..... 3,0 Nm		P
	E11 or E12 Cap..... 0,8 Nm		N/A
	E17 Cap 1,5 Nm		N/A
	E39 or E40 Cap..... 5,0 Nm		N/A
	GX53 Cap 3,0 Nm		N/A
9.3	Compliance criteria		P
	Clause 8 shall comply after the mechanical strength test.		P
9.4	Axial strength of Edison caps		P
	After full insertion into the gauge an axial force of Table 4 is applied to the central contact (N)	E27, 120 N E14, 80 N	P
	The insulation around the central contact shall remain intact		P
10	CAP TEMPERATURE RISE		P
	The cap temperature rise Δt_s of the lamp shall not exceed 120 K.	(see appended table)	P
11	RESISTANCE TO HEAT		P
	Parts of insulating material providing protection against electric shock, retaining live parts in position, ball-pressure test:	(see appended table)	P
12	RESISTANCE TO FLAME AND IGNITION		P

IEC 62560			
Clause	Requirement + Test	Result - Remark	Verdict
	External parts of insulating material preventing electric shock glow-wire test 650 °C	(see appended table)	P
13	FAULT CONDITIONS		P
13.2	Fault conditions: where diagram indicates fault condition impairs safety, electronic components have been short-circuited or disconnected	(see appended table)	P
13.3	When operated under fault conditions the lamp		P
	- does not emit flames or molten material		P
	- does not produce flammable gases or smoke		P
	- live parts not accessible		P
	After the tests the insulation resistance with d.c. 1000 V complies with requirements of Cl. 8.1 :		P
14 (16)	CREEPAGE DISTANCES AND CLEARANCES		P
	Creepage distances and clearances according to IEC 61347-1	(see appended table)	P
	Conductive accessible parts according to IEC 60598-1	(see appended table)	P
15	ABNORMAL OPERATION		P
	Non-dimmable self-ballasted lamps are tested on a dimmer or an electronic switch according the test circuit shown in Figure 8		P
	Operate the lamp for 8 h at most onerous dimming level		P
	When operated under abnormal operation the lamp		P
	- does not catch fire		P
	- does not produce flammable gases		P
	- live parts not accessible		P
16	TEST CONDITIONS FOR DIMMABLE LAMPS		N/A
	Test are carried out at maximum power setting for Clause 10 and Clause 17		N/A
17	PHOTOBIOLOGICAL SAFETY		P
17.1	UV radiation		N/A
	The LED lamp doesn't exceed 2mW/klm		N/A
17.2	Blue light hazard		P
	Assessed according to IEC TR 62778		P

IEC 62560			
Clause	Requirement + Test	Result - Remark	Verdict
	LED lamps shall be RG0 or RG1	RG0	P
18	INGRESS PROTECTION		N/A
18.1	Lamps shall be suitable for water contact unless marked with Figure 6		N/A
18.2	The lamp is subjected to an IPX4 test according to IEC 60598-1		N/A
	The lamp complies with the compliance provisions of 9.2 of IEC 60598-1		N/A
	Lamps constructed so that it is sealed to exclude water need not to be tested		N/A

IEC 62560			
Clause	Requirement + Test	Result - Remark	Verdict

11	TABLE: Ball Pressure Test of Thermoplastics			P
Allowed impression diameter (mm)				—
Object/ Part No./ Material	Manufacturer/ trademark	Test temperature (°C)	Impression diameter (mm)	
Lamp cap	See Annex 1	125	0.8	
Supplementary information:				

12	TABLE: Resistance to heat and fire - Glow wire tests			P
Object/ Part No./ Material	Manufacturer/ trademark	Glow wire test (GWT); (°C)		Verdict
		650		
		te	ti	
Lamp cap	See Annex 1	0	0	P

13	TABLE: tests of fault conditions			P
Part	Simulated fault	Result		Hazard
DB2	Short circuit: 162/291.5V	Fuse resistor open		YES/NO
CE1	Short circuit: 162/291.5V	Fuse resistor open		YES/NO

14	TABLE: Clearance And Creepage Distance Measurements						P
clearance cl and creepage distance dcr at/of:	Up (V)	U r.m.s. (V)	Required cl (mm)	cl (mm)	required dcr (mm)	dcr (mm)	
Live parts to accessible parts	375	265	5.5	>6.0	5.5	>6.0	
L to N before fuse resistor	375	265	3.0	>6.0	3.0	>6.0	
Different poles of fuse resistor	375	265	3.0	>6.0	3.0	>6.0	
Supplementary information:							

	Cap temperature rise and normal heating test			-
	Type reference	/		-
	test voltage	265V		-
	Table: measured temperatures corrected for ta =25°C:			-
temperature (K/°C) of part		Test value		Result
		(K/ °C)		Limit (K/°C)
Model: TP-03V-0060-01B				

IEC 62560			
Clause	Requirement + Test	Result - Remark	Verdict
Lamp cap		33.3K	120K
Model: LED LAMP 9W E14			
Lamp cap		21.2K	120K

IEC 62560			
Clause	Requirement + Test	Result - Remark	Verdict

ANNEX 1						
TABLE: Critical components information						
Object / part No.	Code	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
Lamp cap/enclosure	B	Hangzhou BOSOM New Materials Technology Co Ltd	EA190G6 (k) (f1)	V-0, 115°C, Min. thk 0.8mm	UL 94 UL 746C	UL E333445
Input wire	B	Hangzhou Laien Electrical Equipment Co Ltd	3239	Min 24AWG, 200°C, 600V.	UL 758	UL E488264
Fuse resistor	B	Great Technology Co.,Ltd.	RF10-1W Series	2Ω, 1W.	UL 1412	UL E301541
PCB	B	Jiangxi Chishuo Circuit Co., Ltd	TY-005	V-0, 130°C.	UL 94 UL 796	UL E496359
Supplementary information: ¹⁾ Provided evidence ensures the agreed level of compliance. See OD-CB2039. The codes above have the following meaning: A - The component is replaceable with another one, also certified, with equivalent characteristics B - The component is replaceable if authorised by the test house C - Integrated component tested together with the appliance D - Alternative component						

Attachment 1 Photo Documentation



Figure 1 External view



Figure 2 External view



Figure 3 External view

END THE REPORT