TEST REPORT
IEC 60598-1
Luminaires
Part 1: General requirements and tests

Report Number.....:	KEYS2405170490001IE-01
Date of issue.....:	May 23,2024
Total number of pages.....	8 pages
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Approved by (name + signature)...:	Jason Zhan
Testing Laboratory Name.....:	Guangdong KEYS Testing Technology Co.,Ltd.
Address.....:	Building 1, No.18, Shihuan Road, Dongcheng Subdistrict, Dongguan, Guangdong, China
Applicant's name.....:	SHENZHENHELIAN ELECTRONICS CO., LTD
Address.....:	No.B On The First Floor Of 5 3F Buildings,3F,Tonggao Building 2,Sanlian Industrial Area,Songbai Rd,Shiyan Town,Bao'an District,Shenzhen,Guangdong
Manufacturer's name.....:	SHENZHENHELIAN ELECTRONICS CO., LTD
Address.....:	No.B On The First Floor Of 5 3F Buildings,3F,Tonggao Building 2,Sanlian Industrial Area,Songbai Rd,Shiyan Town,Bao'an District,Shenzhen,Guangdong
Test specification:	
Standard..... :	☒ IEC 60598-1:2020
Test procedure.....:	IEC
Non-standard test method.....:	N/A
Test item description.....:	Plastic parts of line lamp
Trade Mark..... :	N/A
Model/Type reference.....:	BAPL014, BAPL001,BAPL006,A001,BAPLXXX,AXXX
Ratings..... :	N/A

General disclaimer:

This report is only for applicant use. Any copying this report to/for any other person or entity, and use our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Unless specific mention, the uncertainty of measurement has been explicitly taken into account to declare the compliance or non-compliance to the specification.

List of Attachments:

Attachment 1: 3 pages of photos.

Summary of testing:

N/A

Testing location:

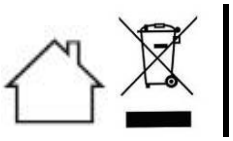
Guangdong KEYS Testing Technology Co., Ltd.

Building 1, No.18, Shihuan Road, Dongcheng Subdistrict, Dongguan, Guangdong, China

Copy of marking plate:

The artwork below may be only a draft.

Plastic parts of line lamp
Model: BAPL014



SHENZHENHELIAN ELECTRONICS CO., LTD
MADE IN CHINA

Test item particulars..... :	See test report
Classification of installation and use.....:	Depend on the end product
Supply Connection.....:	N/A
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.....:	May 21,2024
Date (s) of performance of tests.....:	May 21,2024~ May 23,2024
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 ☐ comma / ☒ point is used as the decimal separator.**	
Name and address of factory (ies).....:	Same so manufacturer
General product information:	
1. The laboratory ambient for testing: 22.1-25.0℃, 50%-65%R.H. 2. All models are identical, except for model name Model “BAPL014”with maximum rating, all test(s) were performed on it. 3.The appliance/equipment is "Plastic parts of line lamp” with models “BAPL014, BAPL001,BAPL006,A001,BAPLXXX,AXXX",XXX, representing any number.indoor use	

(13)	**RESISTANCE TO HEAT, FIRE AND TRACKING**		P
(13.2.1)	Ball-pressure test..... :	See Test Table 1.15 (13.2.1)	N/A
(13.3.1)	Needle-flame test (10 s)..... :	See Test Table 1.15 (13.3.1)	N/A
(13.3.2)	Glow- wire test (650°C)..... :	See Test Table 1.15 (13.3.2)	P
(13.4)	Proof tracking test (IEC 60112)..... :	See Test Table 1.15 (13.4)	N/A

(13.2.1)	**TABLE: Ball Pressure Test of Thermoplastics**			N/A
Allowed impression diameter (mm) ..... :				—
Object/ Part No./ Material	Manufacturer/ trademark	Test temperature (°C)	Impression diameter (mm)	
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Supplementary information:				

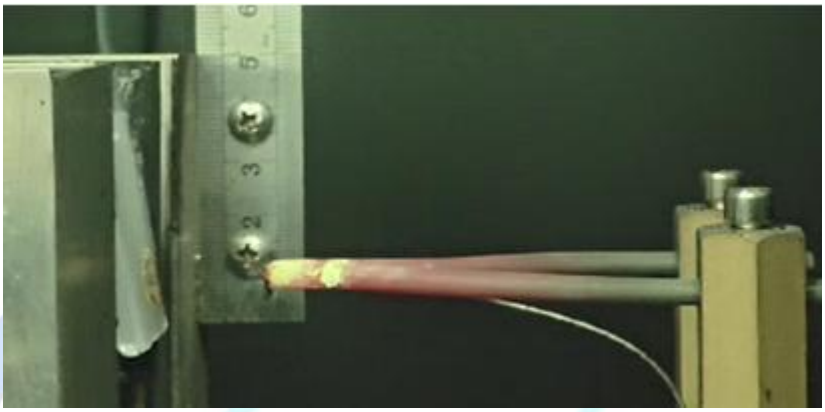
(13.3.1)	**TABLE: Needle-flame test (IEC 60695-11-5)**				N/A
Object/ Part No./ Material	Manufacturer/ trademark	Duration of application of test flame (ta); (s)	Ignition of specified layer Yes/No	Duration of burning (tb) (s)	Verdict
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Supplementary information:					

(13.3.2)	**TABLE: Glow-wire test (IEC 60695-2-11)**				P
Glow wire temperature ..... :	650°C				—
Object/ Part No./ Material	Manufacturer/ trademark	Duration of application of test flame (ta); (s)	Ignition of specified layer Yes/No	Duration of burning (tb) (s)	Verdict
Plastic enclosure	--	30s	No	0s	P
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Any flame or glowing of the sample extinguished within 30 s of withdrawing the glow-wire, and any burning or molten drop did not ignite the underlying parts (Yes/No)..... :					Yes
Supplementary information:					

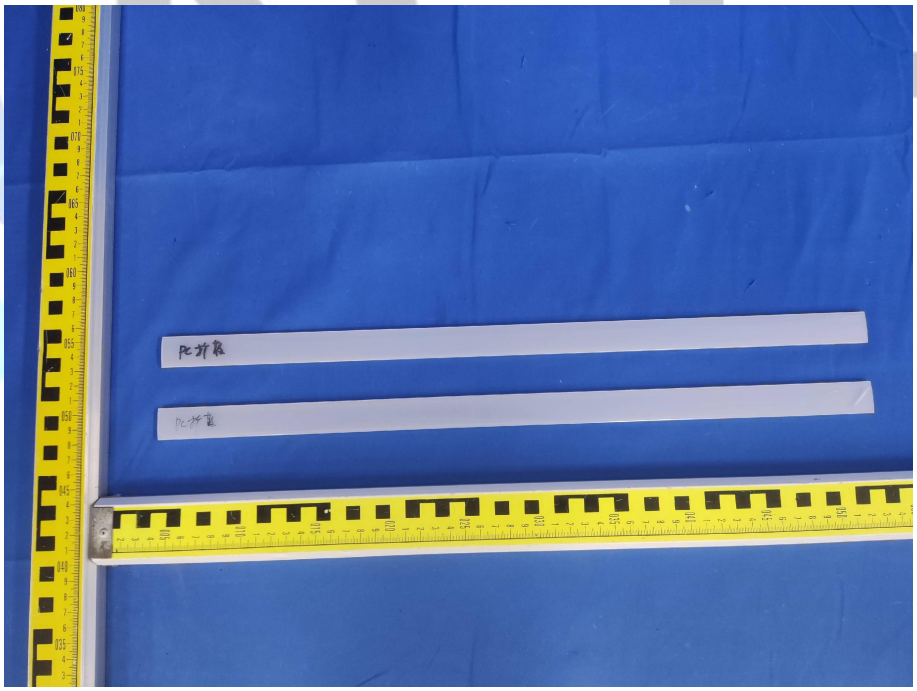
(13.4)	**TABLE: Proof tracking test (IEC 60112)**				**N/A**
Test voltage PTI ..... :					—
Object/ Part No./ Material	Manufacturer/ trademark	Withstand 50 drops without failure on three places or on three specimens			Verdict
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Supplementary information:					

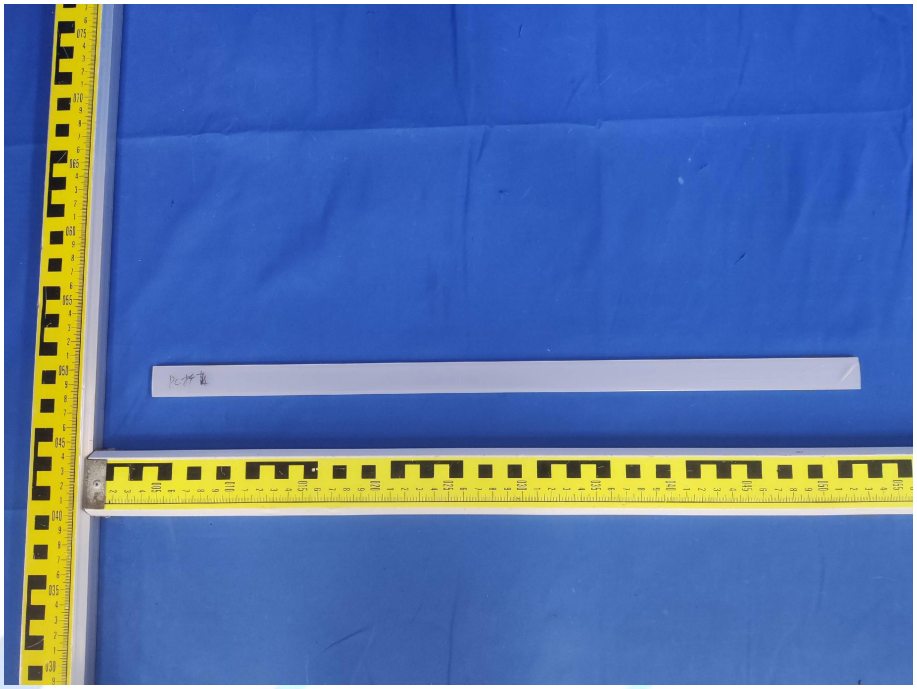
ATTACHMENT 1

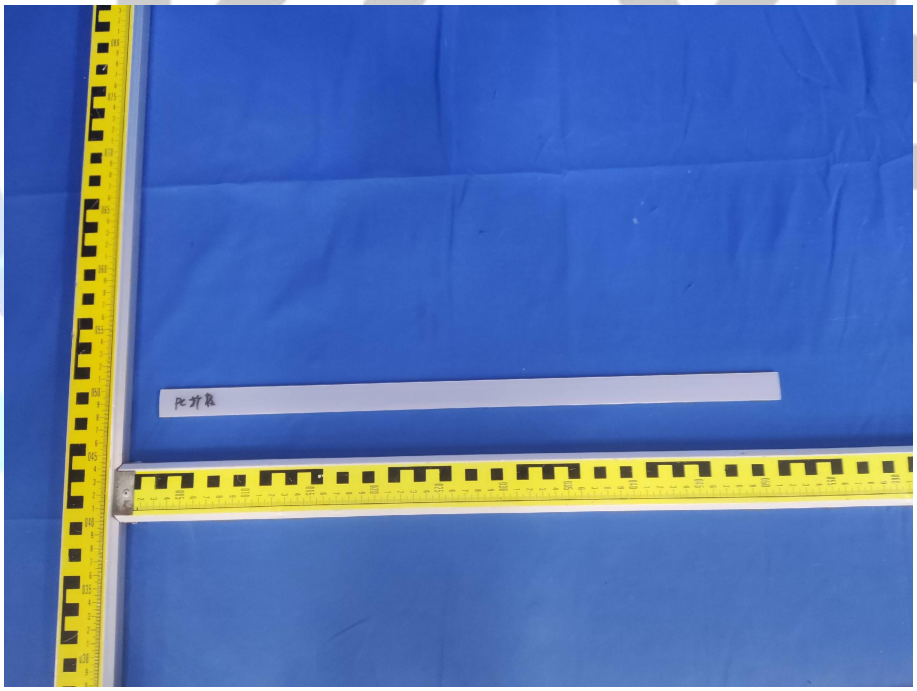
Test photo

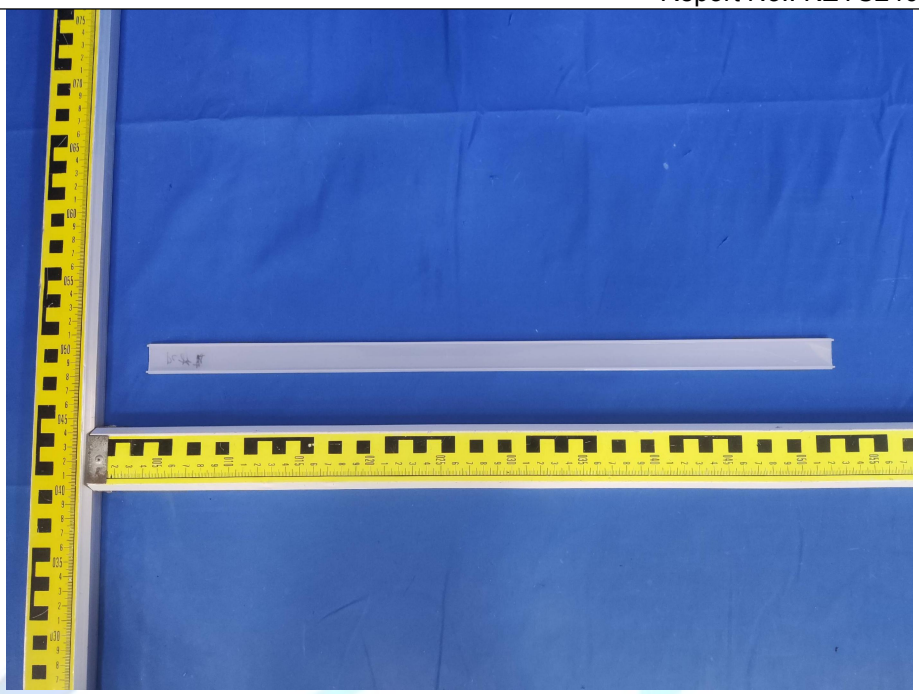


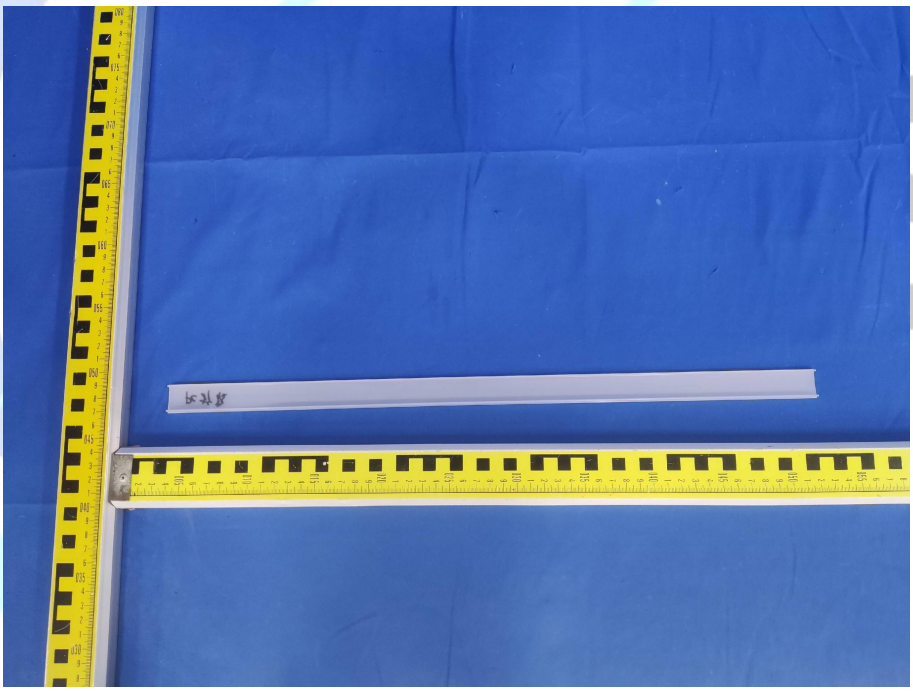
Photos











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