

TEST REPORT

Applicant / address: Ningbo BEC Lighting Co., Ltd.
Sanbei Industrial Zone, Cixi, Ningbo, Zhejiang, China

Manufacturer / address: Same as applicant

Test laboratory / address: SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch
1-5/F West No. 4 Building, Lingyun Industry Park, No. 1177 Lingyun Road, Ningbo
National Hi-Tech Zone, Ningbo, Zhejiang, China

Test specifications / Test standard : EN 60598-2-4:1997
EN 60598-1:2015

Test item description: Solar Outdoor Lamp

Trade mark: None

Model/Type reference: 303247-F, 303247-F-H, 303247-T, 303247-T-H

Ratings: 3,6 V d.c.; 1200 mAh; Class III



Test result : In the opinion of SGS-CSTC the presented appliance was found to be in compliance with the test specification as indicated in the details on the following pages.

Remark : According to client's requirement, clause 9.2.0 and clause 9.2.5 of the above standard were conducted.

Leo Du

Leo Du
Reviewer
Safety Laboratory

Zara Fan

Zara Fan
Project Engineer

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Summary of testing:

According to the client's requirement, only tests of clause 9.2.0 and clause 9.2.5 were performed on electrical part of all models.

Copy of marking plate:

N/A

Test item particulars

Classification of installation and use : Portable

Supply Connection : Batteries

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 : 2016-04-21

Date (s) of performance of tests : 2016-04-22

General product information:

The product was solar outdoor lamp, IP44, class III, LED module was used as light source. There were 4 models covered in this test report. They all shared the same electrical part except for appearance. All models contained two kinds of electrical parts, which shared the same electrical circuit except for the position of solar sensor.

TEST RESULTS:

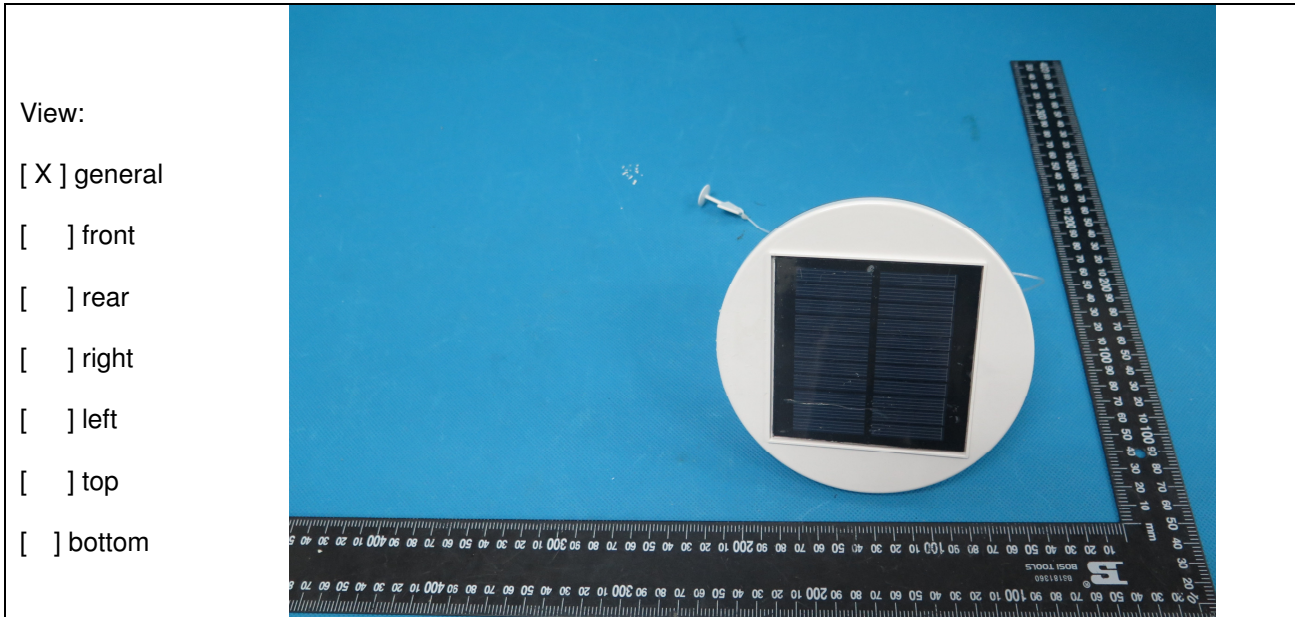
<u>Clause</u>	<u>Requirement + Test</u>	<u>Remarks</u>	<u>Verdict</u>
9.2.0	IP4X Test	No entry into electrical part by the test probe.	P
9.2.5	IPX4 Test	No water entered into electrical part.	P

ANNEX I: Electric Strength Measurement after IP TEST

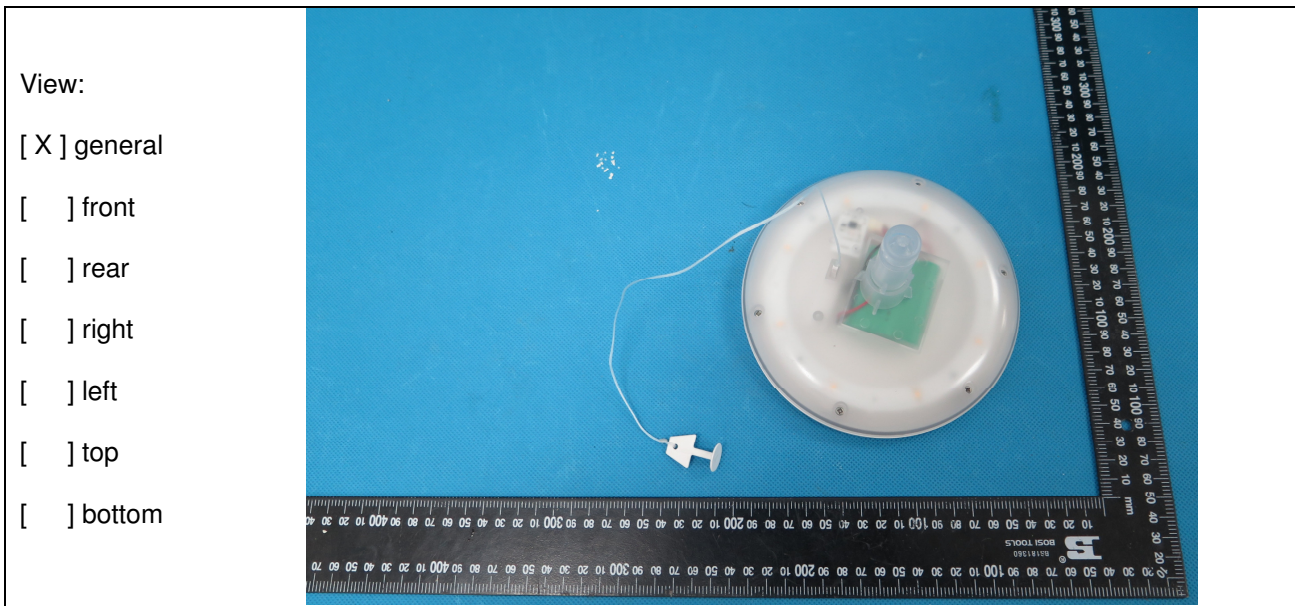
<u>ELECTRIC STRENGTH MEASUREMENTS:</u>		
Test voltage applied between:	Voltage (V)	Breakdown (Yes/No)
Between current-carrying parts and the accessible surface	500	No

ANNEX II: Photo documentation

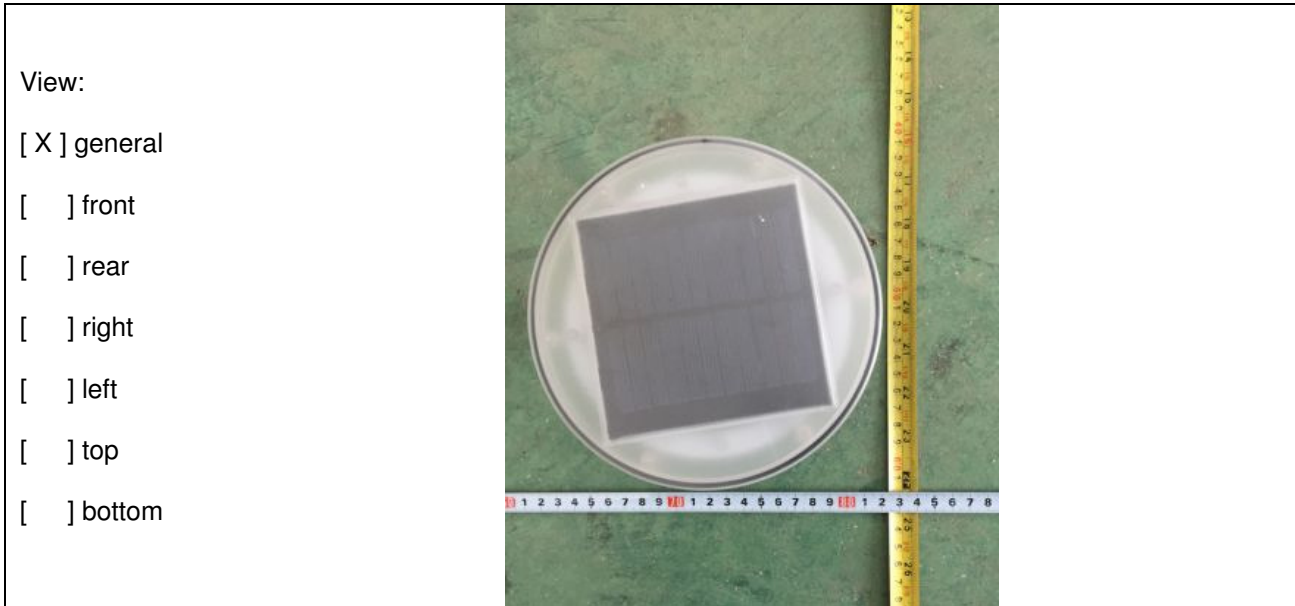
Details of: Electrical part



Details of: Electrical part



Details of: Alternative electrical part



Details of: 303247-F



Details of: 303247-F-H

View:

general

front

rear

right

left

top

bottom



Details of: 303247-T

View:

general

front

rear

right

left

top

bottom



Details of: 303247-T-H



--- End of Report ---