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国际互认
检测
TESTING
CNAS L3337

Test Report Number:	**LCZS20110056** ***Total Page(s):5***
Applicant Name:	Imminent Teknologies Limited
Applicant Address:	Suite 5, Valley Towers, Valley Road, Birkirkara BKR9022, Malta
Test item:	LED STEP LIGHT
Model / Type Reference:	BLU-STEPZ-S11
Date of Issue:	2020-12-07
Testing Laboratory:	LCTECH Guangdong Testing Services Co., Ltd. 2F.,Technology and Enterprise Development Center, Guangyuan Road, Xiaolan, Zhongshan, Guangdong, China
Test Specification:	RESISTANCE TO DUST, SOLID OBJECTS AND MOISTURE (According to EN 60598-1:2015+A1:2018 Clause 9.2.2 and Clause 9.2.6)
Test Result:	Passed

Compiled by:			**Reviewed by:**		
2020-12-07	*kyle zhang*	kyle zhang	*2020-12-07*	*Shona chen*	Shona chen
Date	*Name*	*Signature*	*Date*	*Name*	*Signature*

Remark:
N/A

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Test item description	LED STEP LIGHT
Trade Mark	BLUi Lighting
Manufacturer	Imminent Teknologies Limited Suite 5, Valley Towers, Valley Road, Birkirkara BKR9022, Malta
Model/Type reference	BLU-STEPZ-S11
Ratings	230V~, 50/60Hz, Class I, IP65
Test item particulars	
Classification of installation and use	LED STEP LIGHT for indoor or outdoor use
Supply Connection	Supply cord
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	2020-11-18
Date (s) of performance of tests	2020-11-19 to 2020-12-07

General remarks:

The test results presented in this report relate only to the object tested.
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"(See Enclosure #)" refers to additional information appended to the report.
"(See appended table)" refers to a table appended to the report.
Note: EN Group Differences together with National Differences and Special National Conditions, if any, are in the Appendix to the main body of this TRF.
Throughout this report a comma (point) is used as the decimal separator.

Clause numbers between brackets refer to clauses in EN60598-1

When determining of test conclusion, measurement uncertainty of test has been considered.

General product information:

The product is LED STEP LIGHT for indoor or outdoor use.

The supply cord is rubber insulated cord. IP classification is IP65.

Summary of testing:

Resistance to Dust test was performed in Guangzhou Quality Technology Service Co., Ltd. (CNASL10743). Report No.: 61.11.20.0849.01, Date of Issue: 2020-12-07.

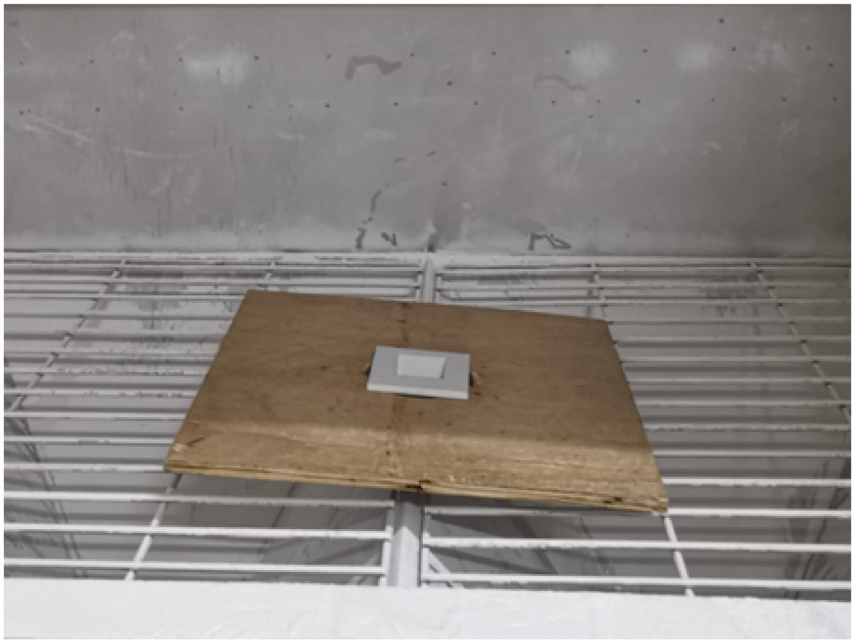
The samples are found to comply with the standard:

Resistance to Dust, Solid, Objects and Moisture EN 60598-1:2015+A1:2018(Clause 9.2.2 and Clause 9.2.6)

EN 60598-1			
Cl.	Requirement – Test	Result	Verdict
9	**RESISTANCE TO DUST, SOLID OBJECTS AND MOISTURE**		—
9.2	Tests for ingress of dust, solid objects and moisture:		—
	- classification according to IP .....:	IP65	—
	- mounting position during test .....:	As normal use	—
	- electric strength test afterwards	Between live parts of different polarity: 1480V	P
9.2.2	IP6X test: Dust-proof luminaires (first characteristic Ipnumeral 6) shall be tested in a dust chamber similar to that shown in Figure 6, in which talcum powder is maintained in sus-Pension by an air current. The chamber shall contain 2 kg ofpowder for every cubic metre of its volume. The talcum powder used shall be able to pass through a square-meshed sieve whose nominal wire diameter is 50 µm and whose nominal freedistance between wires is 75 µm. It shall not have been used for more than 20 tests. The test shall proceed as follows: a).....The luminaire is suspended outside the dust chamber and operated at rated supply voltage until operating temperature is achieved. b).....The luminaire, whilst still operating, is placed with the minimum disturbance in the dust chamber. c).....The door of the dust chamber is closed. d).....The fan/blower causing the talcum powder to be in suspension is switched on. e).....After 1 min, the luminaire is switched off and allowed to cool for 3 h whilst the talcum powder remains in suspension .	IP6X No talcum in dust-tight luminaire	P

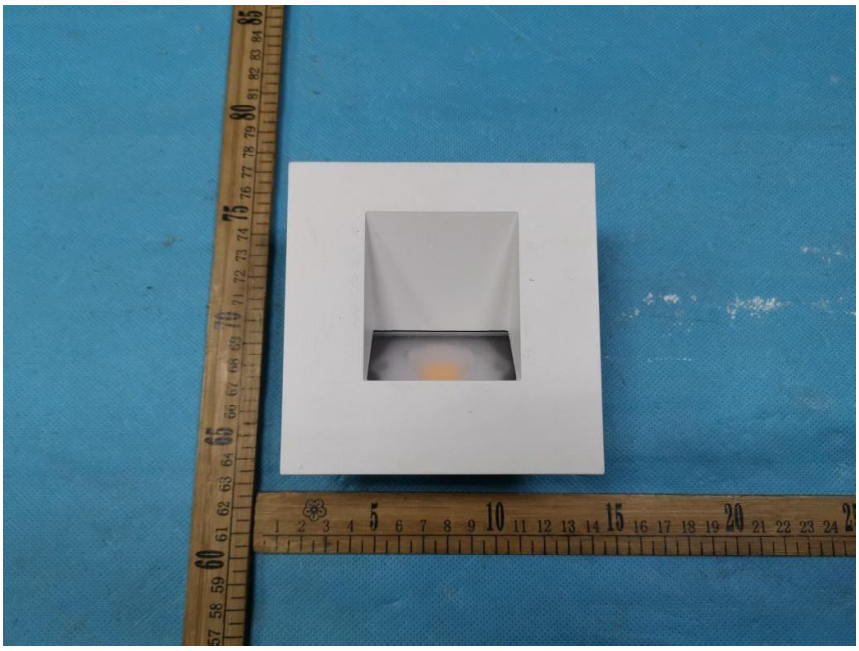
9.2.6	IPX5 test: Jet-proof luminaires (second characteristic IP numeral 5) are switched off andimmediately subjected to a water jet for 15 min from all directions by means of a hose having anozzle with the shape and dimensions shown in Figure 8. The nozzle shall be held 3 m awaythe sample. The water pressure at the nozzle shall beadjusted to achieve a water delivery rate of12,5 l/min ± 5 % (approximately 30 kN/m^2).	IPX5 Without water insideenclosure	P

Photo document

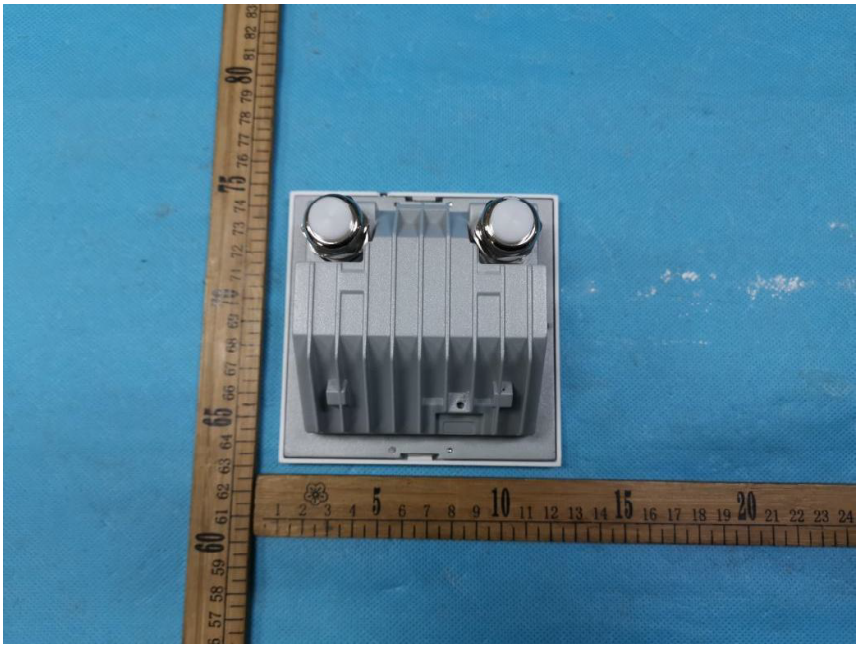


Picture 1: IP6X test of model BLU-STEPZ-S11

Picture 2: IPX5 test of model BLU-STEPZ-S11



Picture 3: Overview of model BLU-STEPZ-S11



Picture 4: Overview of model BLU-STEPZ-S11

---End of test report---

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