



中国认可
国际互认
检测
TESTING
CNAS L3337

Test Report Number:	LCZS20120043	 <p>Total Page(s): 6</p>
Applicant Name:	Imminent Teknologies Limited	
Applicant Address:	Suite 5, Valley Towers, Valley Road, Birikara BKR9022, Malta	
Test item:	LED strip light	
Model / Type Reference:	BLU-FLEXI-7.2W-927-IP67	
Date of Issue:	2022-05-27	
Testing Laboratory:	LCTECH Guangdong Testing Services Co., Ltd. 2/F., Technology and Enterprise Development Center, Guangyuan Road, Xiaolan, Zhongshan, Guangdong, China	
Test Specification:	RESISTANCE TO DUST, SOLID OBJECTS AND MOISTURE (According to IEC 60598-1:2020 Clause 9.2.2 and Clause 9.2.8)	
Test Result:	Passed	
Compiled by:	Reviewed by:	
2022-05-27 Haskins Chung <i>Haskins Chung</i>	2022-05-27 Shona chen <i>Shona chen</i>	
<i>Date</i>	<i>Name</i>	<i>Signature</i>
	<i>Date</i>	<i>Name</i>
		<i>Signature</i>
Remark:	N/A	
<p>The duplication of this report or parts of it and its use for advertising purposes is only allowed with permission of the testing laboratory. This report contains the result of the examination of the product sample submitted by the applicant. A general statement concerning the quality of the products from the series manufacture cannot be derived therefore.</p>		

Test item description	LED strip light
Trade Mark	BLUi Lighting
Manufacturer	Imminent Teknologies Limited Suite 5, Valley Towers, Valley Road, Birkirkara BKR9022, Malta
Model/Type reference	BLU-FLEXI-7.2W-927-IP67
Ratings	24Vdc, Class III, IP67
Test item particulars	
Classification of installation and use	LED strip light for indoor or outdoor use
Supply Connection	Connecting leads
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	: 2022-05-20
Date (s) of performance of tests.....	: 2022-05-26

General remarks:

The test results presented in this report relate only to the object tested.
This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.
"(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.
The report is quoted the standard IEC 60598-1:2020 have been accredited by CNAS (L3337), and the following clauses in the standard IEC 60598-1:2020 are restricted by CNAS (L3337).
Cl. 9.2 IPX1, IPX2, IPX9

General product information:

The product is LED strip light for indoor or outdoor use.
All gaps and holes are filled with waterproof glue
IP classification is IP67.

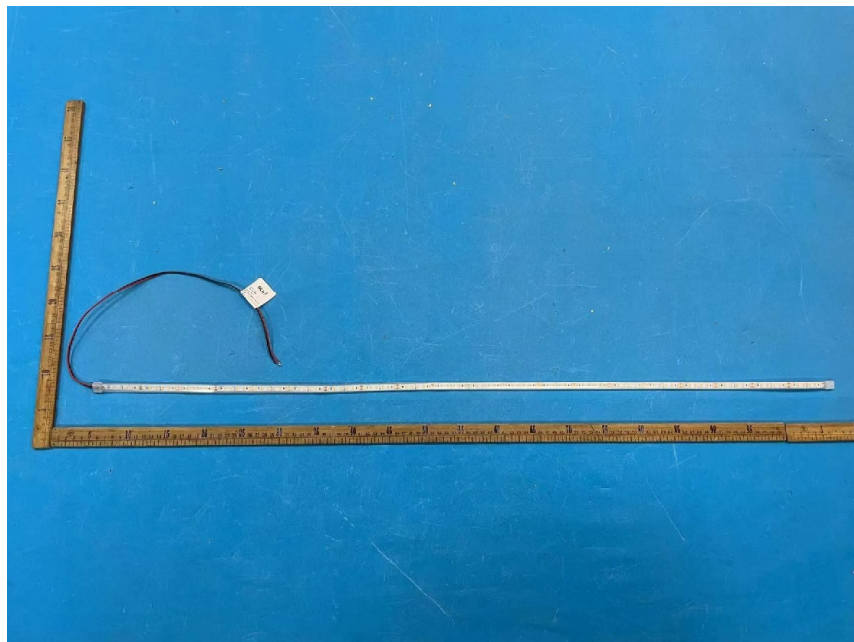
Summary of testing:

For IPX7: Test samples in water depth of 1 m.
The samples are found to comply with the standard:
Resistance to Dust, Solid, Objects and Moisture IEC 60598-1:2020 (Clause 9.2.2 and Clause 9.2.8)

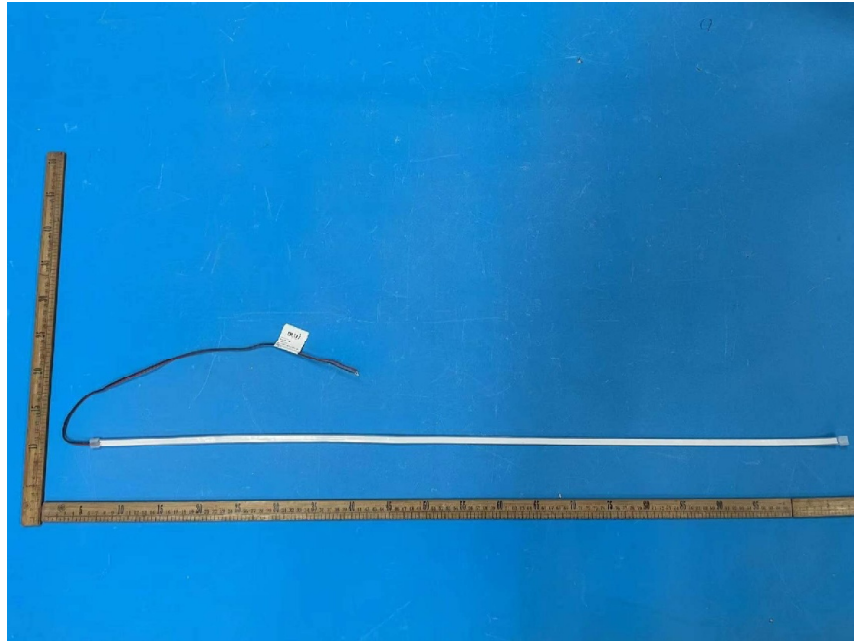
EN 60598-1			
Cl.	Requirement – Test	Result	Verdict
9	RESISTANCE TO DUST, SOLID OBJECTS AND MOISTURE		—
9.2	Tests for ingress of dust, solid objects and moisture:		—
	- classification according to IP	IP67	—
	- mounting position during test	As normal use	—
	- electric strength test afterwards	Between live parts and metal parts : 500V	P
9.2.2	<p>IP6X test: Dust-proof luminaires (first characteristic Inumeral 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 of powder 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:</p> <p>a).....T he luminaire is suspended outside the dust chamber and operated at rated supply voltage until operating temperature is achieved.</p> <p>b).....T he luminaire, whilst still operating, is placed with the minimum disturbance in the dust chamber.</p> <p>c).....T he door of the dust chamber is closed.</p> <p>d).....T he fan/blower causing the talcum powder to be in suspension is switched on.</p> <p>e).....A fter 1 min, the luminaire is switched off and allowed to cool for 3 h whilst the talcum powder remains in suspension .</p>	<p>IP6X: No talcum in dust-tight luminaire</p>	P

9.2.8	<p>IPX7 test: 9.2.8 Watertight luminaires (second characteristic IP numeral 7) are switched off and immediately immersed for 30 min in water, so that there is at least 150 mm of water above the top of the luminaire and the lowest portion is subjected to at least 1 m head of water. Luminaires shall be held in position by their normal fixing means. Luminaires for tubular fluorescent lamps shall be positioned horizontally, with the diffuser upwards, 1 m below the water surface.</p>	<p>IPX7: Without water inside enclosure</p>	P
-------	---	---	---

Photo document



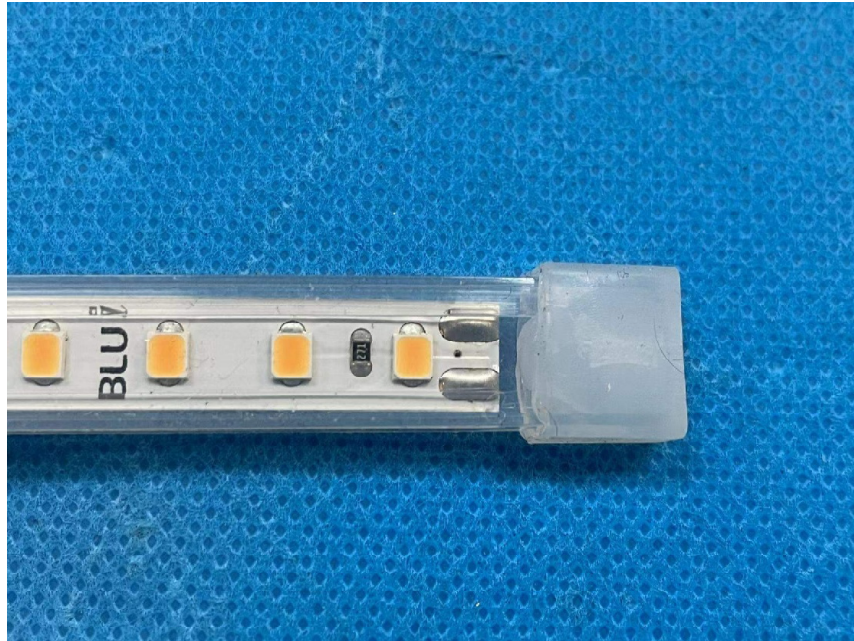
Picture 1: Overview of model BLU-FLEXI-7.2W-927-IP67



Picture 2: Overview of model BLU-FLEXI-7.2W-927-IP67



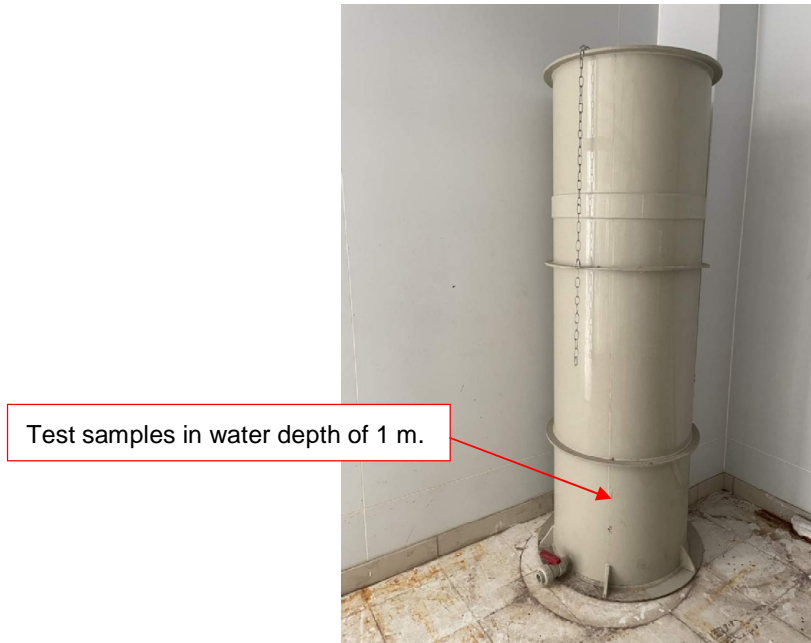
Picture 3: Internal view of model BLU-FLEXI-7.2W-927-IP67



Picture 4: Internal view of model BLU-FLEXI-7.2W-927-IP67



Picture 5: IP6X test of model BLU-FLEXI-7.2W-927-IP67



Picture 6: IPX7 test of model BLU-FLEXI-7.2W-927-IP67

---End of test report---