



中国认可
国际互认
检测
TESTING
CNAS L3337

Test Report Number:	LCZS20120079	
Applicant Name:	Imminent Teknologies Limited	
Applicant Address:	Suite 5, Valley Towers, Valley Road, Birkirkara BKR9022, Malta	
Test item:	LIGHT TRIMS	
Model / Type Reference:	BLU-AIM-8SA-W	
Date of Issue:	2020-12-23	
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 9.2.1 and Clause 9.2.5)	
Test Result:	Passed	
Compiled by:	Reviewed by:	
2020-12-23 kyle zhang 	2020-12-23 Shona chen 	
<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	LIGHT TRIMS
Trade Mark	BLUi Lighting
Manufacturer	Imminent Teknologies Limited Suite 5, Valley Towers, Valley Road, Birkirkara BKR9022, Malta
Model/Type reference	BLU-AIM-8SA-W
Ratings	IP54(for parts outside ceiling)
Test item particulars	
Classification of installation and use	LIGHT TRIMS for indoor or outdoor use
Supply Connection	/
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	: 2020-12-19
Date (s) of performance of tests.....	: 2020-12-19 to 2020-12-23

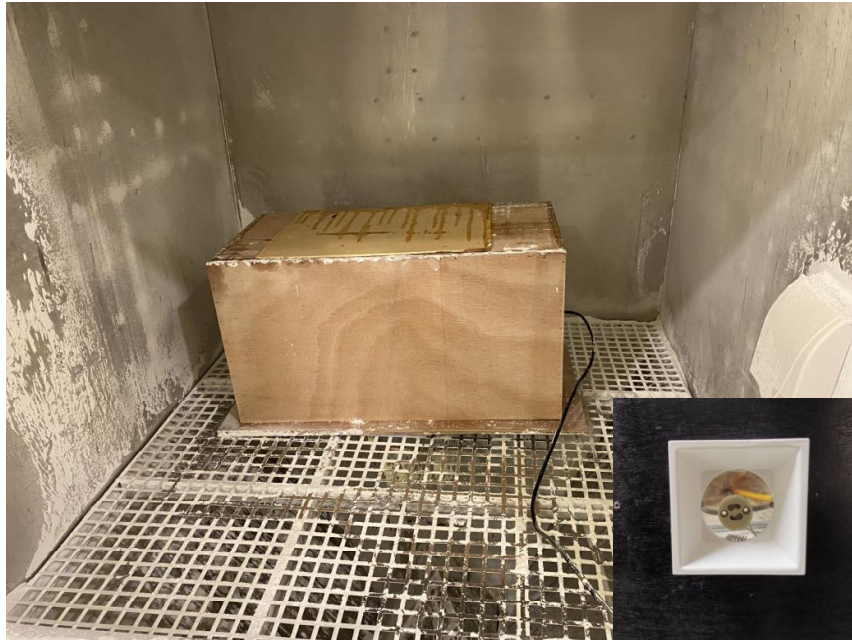
General remarks:
The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory. "(See Enclosure #)" refers to additional information appended to the report. "(See appended 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.

General product information:
The product is LIGHT TRIMS for indoor or outdoor use. The product is a lamp component, only test IP classification, do not test electric strength. IP classification is IP54(for parts outside ceiling).
Summary of testing:
Resistance to Dust test was performed in Guangzhou Quality Technology Service Co., Ltd. (CNASL10743). Report No.: 61.11.20.0864.01, Date of Issue: 2020-12-23. The samples are found to comply with the standard: Resistance to Dust, Solid, Objects and Moisture EN 60598-1:2015+A1:2018(Clause 9.2.1 and Clause 9.2.5)

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	IP54	—
	- mounting position during test	As normal use	—
	- electric strength test afterwards	--	—
9.2.1	<p>IP5X test: Dust-proof luminaires (first characteristic Inumeral 5) 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>IP5X No talcum in dust-proof luminaire</p>	P

<p>9.2.5</p>	<p>IPX4 test: Splash-proof luminaires (second characteristic IP numeral 4) are sprayed from every direction with water for 10 min by means of the spray apparatus shown in Figure 7 and described in 9.2.4. The luminaire shall be mounted under the pivot line of the tube so that the ends of the luminaire receive adequate coverage from the jets. The tube shall be caused to oscillate through an angle of almost 360°, 180° on either side of the vertical, the time for one complete oscillation (2 × 360°) being about 12 s. The luminaire shall be turned about its vertical axis during the test at a rate of 1 r/min. The support for the equipment under test shall be grid shaped in order to avoid acting as a baffle. After this 10 min period, the luminaire shall be switched off and allowed to cool naturally whilst the water spray is continued for a further 10 min.</p>	<p>IPX4 Without water inside enclosure</p>	<p>P</p>
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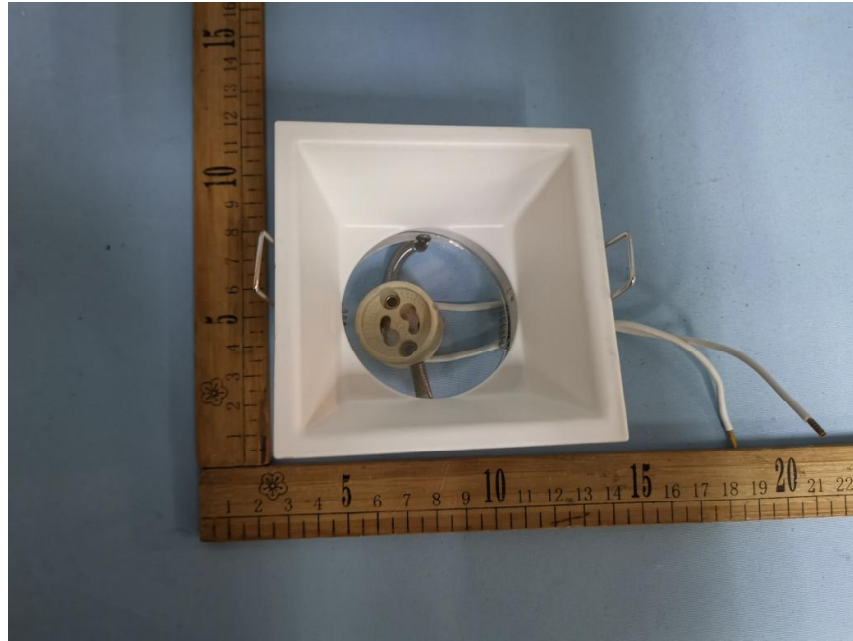
Photo document



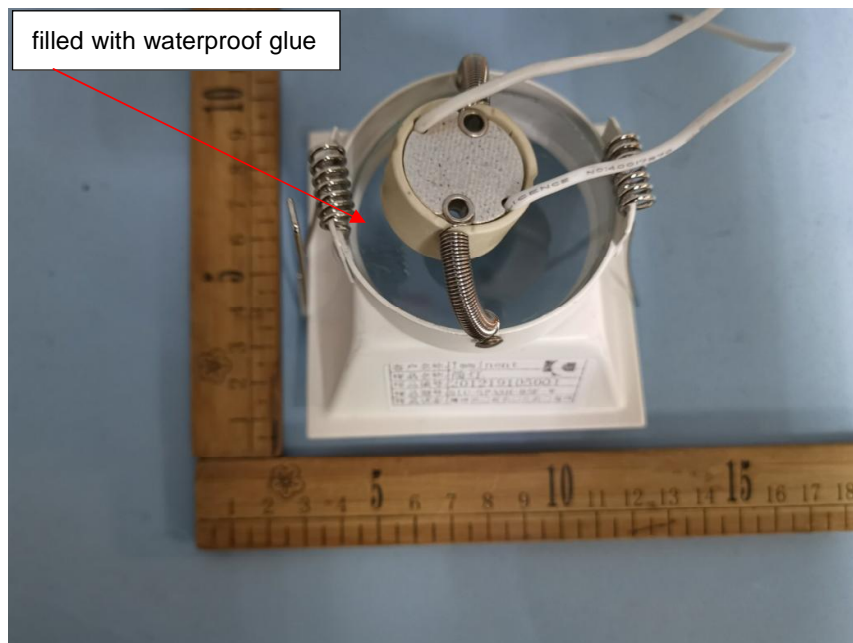
Picture 1: IP5X test of model BLU-AIM-8SA-W



Picture 2: IPX4 test of model BLU-AIM-8SA-W



Picture 3: Overview of model BLU-AIM-8SA-W



Picture 4: Overview of model BLU-AIM-8SA-W

---End of test report---