



<b>Test Report Number:</b>	LCZS24010008	<b>Total Page(s):</b> 4			
<b>Applicant Name:</b>	Mutlusan Plastik Elektrik San. ve Tic. A.Ş.				
<b>Applicant Address:</b>	İOSB Mah. Enkoop Cad. No:7 Başakşehir / İstanbul / Türkiye				
<b>Test item:</b>	LED Wall Lamp				
<b>Model / Type Reference:</b>	Big hat square				
<b>Date of Issue:</b>	2024-01-04				
<b>Testing Laboratory:</b>	LCTECH Guangdong Testing Services Co., Ltd. 2/F.,Technology and Enterprise Development Center, Guangyuan Road, Xiaolan, Zhongshan, Guangdong, China				
<b>Test Specification:</b>	RESISTANCE TO DUST, SOLID OBJECTS AND MOISTURE (According to EN IEC 60598-1:2021 Clause 9.2.5)				
<b>Test Result:</b>	Passed				
<b>Compiled by:</b>	<b>Reviewed by:</b>				
2024-01-04 Ricky Wang	2024-01-04 Shona Chen				
<i>Date</i>	<i>Name</i>	<i>Signature</i>	<i>Date</i>	<i>Name</i>	<i>Signature</i>
<b>Remark:</b> N/A					
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.					

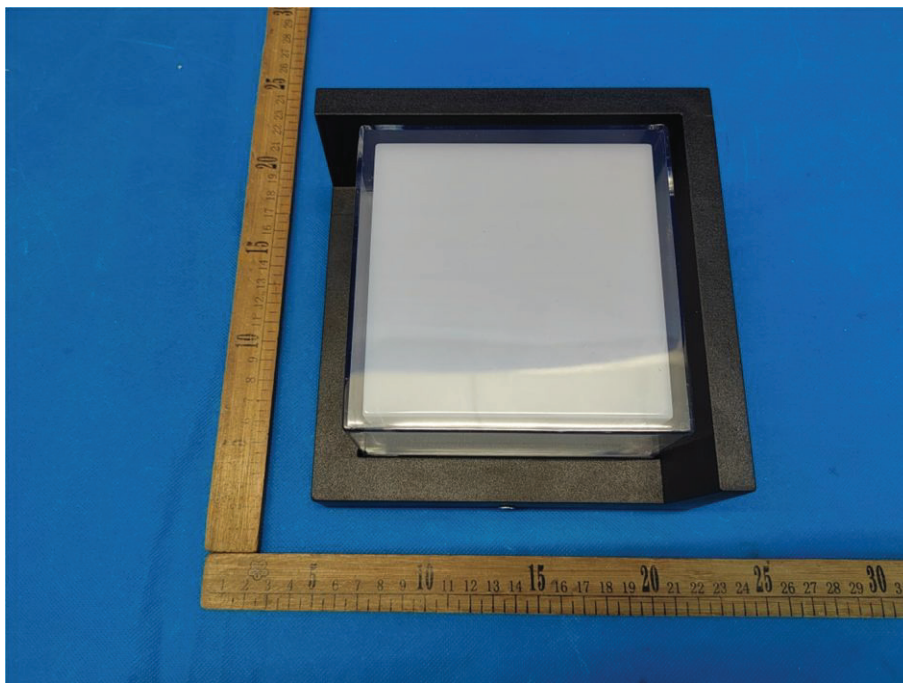
<b>Test item description</b> .....	<b>LED Wall Lamp</b>
Trade Mark .....	N/A
Manufacturer .....	Same as applicant
Model/Type reference .....	Big hat square
Ratings .....	85-265Vac, 50/60Hz, 12W, Class II, IPX4
<b>Test item particulars</b> .....	
Classification of installation and use .....	LED Wall Lamp for outdoor use
Supply Connection .....	Supply cord
<b>Possible test case verdicts:</b>	
- 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)
<b>Testing</b> .....	
Date of receipt of test item .....	2024-01-04
Date (s) of performance of tests.....	2024-01-04

<b>General remarks:</b>
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. <b>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.</b> Throughout this report a comma (point) is used as the decimal separator. Clause numbers between brackets refer to clauses in EN IEC 60598-1 When determining of test conclusion, measurement uncertainty of test has been considered.

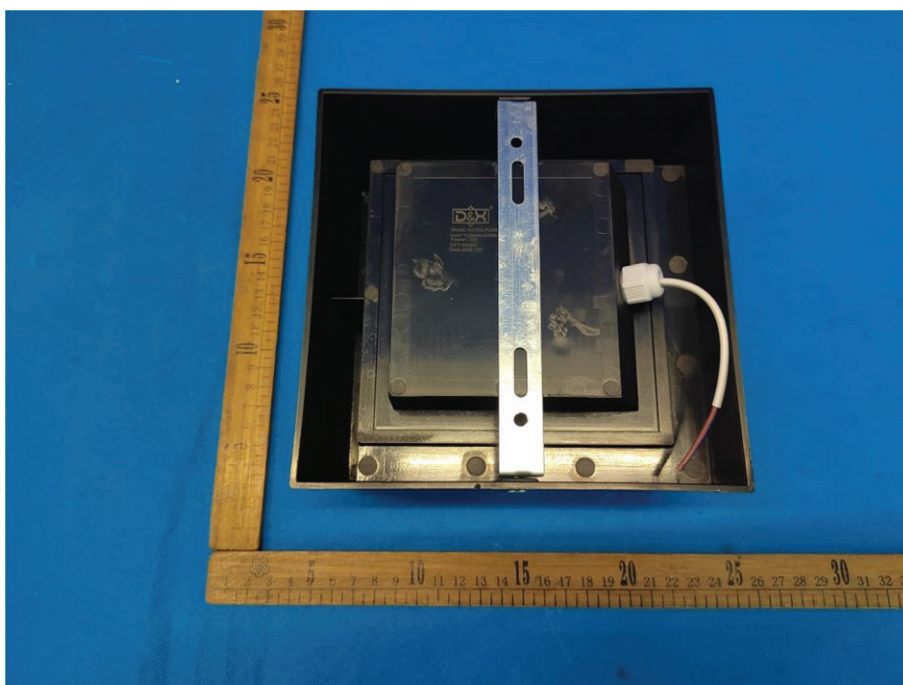
<b>General product information:</b>
- The product is Class II LED Wall lamp for outdoor use.
<b>Summary of testing:</b>
Model Big hat square was performed all the tests. In this report, only the IPX4 and electric strength test were performed. The sample is found to comply with the standard: Resistance to Dust, Solid, Objects and Moisture EN IEC 60598-1:2021(Clause 9.2.5)

EN IEC 60598-1			
Cl.	Requirement Test	Result	Verdict
<b>9</b>	<b>RESISTANCE TO DUST, SOLID OBJECTS AND MOISTURE</b>		
9.2	Tests for ingress of dust, solid objects and moisture:		—
	- classification according to IP .....	IPX4	—
	- mounting position during test .....	As in normal use	—
	- electric strength test afterwards	Between live parts of different polarity and accessible enclosure: 3060Vac	—
9.2.5	<p>IPX4 test:</p> <p>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.</p> <p>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.</p> <p>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>NOTE In Japan, the oscillating tube test and the spray nozzle test as specified in IEC 60529 are accepted.</p>	<p>IPX4</p> <p>Without accumulate in quantities sufficient to interfere with the operation of the luminaire or to create a hazard</p>	P

**Photo document**



Picture 1: Overview of model Big hat square



Picture 2: Overview of model Big hat square

**---End of test report---**