

TEST REPORT

Report No.: HC80146/2019
 Page: 1 of 5
 Date: August 29, 2019

ELITE SCREENS VISUAL & SOUND CO., LTD.
 3F., NO. 88, WUGONG RD., XINZHUANG DIST.,
 NEW TAIPEI CITY, TAIWAN, R.O.C.

The following merchandise was submitted and identified by the vendor as:

Product Description: Projector
Style/ Item No.: MGFU/ No.1
Manufacturer/ Vendor: Elite Screens Visual & Sound Co., Ltd.
Country of Origin: Taiwan
Quantity: Total 1 piece
Testing Period: Aug. 27, 2019

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Required:

Test for Degrees of Protection Provided by Enclosures (IEC 60529 Edition 2.2: 201)

IP Code	IPX2
First characteristic numeral	Omitted
Second characteristic numeral	Degrees of protection against ingress of water

Test Results:

Conclusion
Submittals sample(s) comply with the requirement and acceptance conditions of IEC 60529 Edition 2.2: 2013 Degrees of Protection Provided by Enclosures--IPX2 The detailed description of test result, please see attached sheet(s).

Signed for and on behalf of
SGS TAIWAN Ltd.

Ivan Wang

Ivan Wang
 Team Leader

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Test for Degrees of Protection Provided by Enclosures:

Test Equipment:

Name	Brand	Model	Serial No.
Drip Box with 1250 Drip Nozzle	PTL	P 01.38	5060074

Lab Environmental Conditions:

Ambient temperature: (15 ~ 35)°C

Ambient humidity: (25 ~ 75) % RH

Test Location: No.33, Wu Chyuan Road, New Taipei Industrial Park, WuKu District, New Taipei City, Taiwan

Test Method/ Specification:

Test method: IEC 60529 Edition 2.2: 2013--IPX2

Test for protection against water:

Sample condition: Operating (booting mode)

Test method: The test specimen is placed on the test table. The enclosure is tested for vertically falling drops in each of four fixed positions of tilt. These positions are 15° on either side of the vertical in two mutually perpendicular planes.

Dripping Device: As shown in photo 3, 4

Water flow rate: 3.0 (^{+0.5} / ₀) mm/minute

Test Duration: 2.5 minutes/testing position (Total 10 minutes)

- Examine the protection against ingress of water of specimen(s) and perform functional check after this test.
- Functional check: Turn on the power of specimen(s), then examine whether the booting function of specimen(s) could work normally or not.

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Specimen:

Style/ Item No.: MGFU/ No.1

Quantity: Total 1 piece



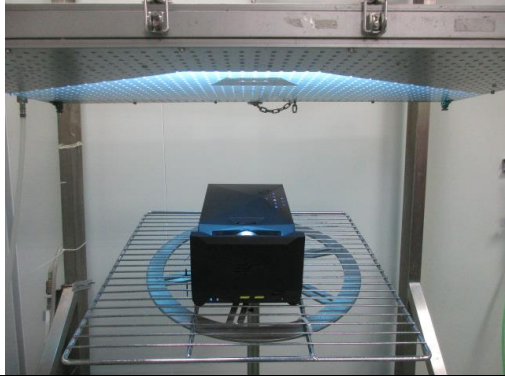


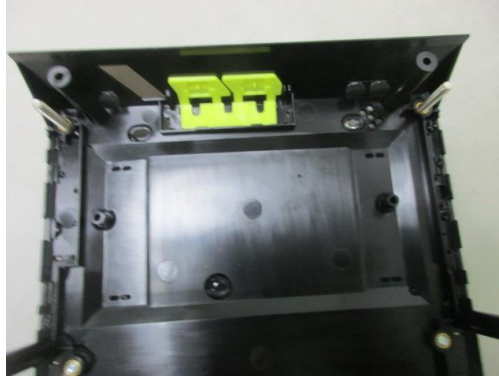
Test Result:

Degree of protection against ingress of water (IPX2)

Test Result		
Check Item		Style/ Item No.
		MGFU/ No.1
1	Does any water enter the enclosure?	Yes (see photo 6~ 8)
2	(followed check item 1) If any water has entered, does the water accumulate near the cable end or live parts?	No
2.1	(followed check item 2) Does the water be sufficient to interfere with the correct operation of the equipment or impair safety?	N/A
2.2	(followed check item 2.1) Does the water deposit on insulation parts where it could lead to tracking along the creepage distances?	N/A
2.3	(followed check item 2.2) Does the water reach live parts or windings not designed to operate when wet?	N/A
3	Functional check	Normal
<p>Note 1: N/A means "Not Applicable".</p> <p>Note 2: The check items in this test report for inspecting the degree of protection provided by enclosures are reference to the requirements specified in IEC 60529 Edition 2.2: 2013 and in accordance with the acceptance conditions specified by client.</p>		

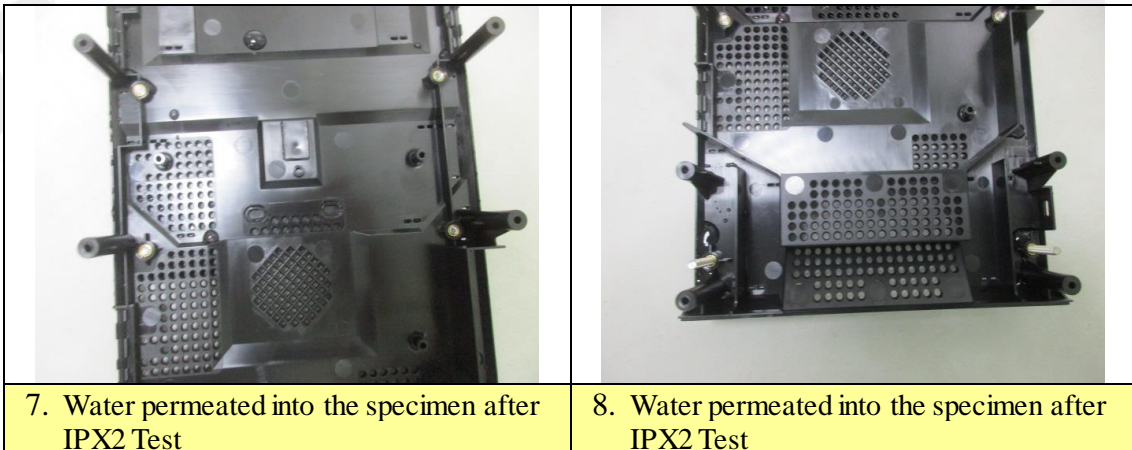
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Test Photos:

	
<p>1. Appearance of specimen</p>	<p>2. Appearance of specimen</p>
	
<p>3. Test for protection against water</p>	<p>4. Test for protection against water</p>
	
<p>5. Functional check</p>	<p>6. Water permeated into the specimen after IPX2 Test</p>

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Test Photos--Continued:



— — — **The End of Test Report** — — —

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