



Reliability Laboratory

TEST REPORT

Report No.: HN80016/2011

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Date: September 1, 2011

GLACIALTECH INC.
9FL, NO. 352, SEC. 2, JUNG SHAN RD.,
JUNG HE CITY, TAIPEI, TAIWAN, R.O.C.

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

Product Description: LED Spotlight
Style/ Item No.: GL-SP07xy/ No.1
Manufacturer/Vendor: GlacialTech Inc.
Quantity: Total 1 piece
Testing Period: Aug. 31, 2011

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

IP Code	IPX5
First characteristic numeral	Omitting
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 60598-1 Sec. 9: 2008 Degrees of Protection Provided by Enclosures -- IPX5 The detailed description of test result, please see attached sheet(s).

Signed for and on behalf of
SGS TAIWAN Ltd.

Terence Hsieh
Department Manager

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Test for Degrees of Protection Provided by Enclosures:Test Equipment:

Name	Brand	Model	Serial No.
IPX5 Water Jet Hose Nozzle Set	PTL	P03.26	5050565

Lab Environmental Conditions:Ambient temperature: 25±3°CRelative humidity: 55±20%RHTest Method/ Specification:Test method: According to IEC 60598-1 Clause 9: 2008--IPX5

Internal diameter

of the nozzle: 6.3 mmDelivery rate: 12.5 l/min ±5%

Distance from nozzle

to enclosure surface: 3 m

Core of the substantial

stream: circle of approximately 40 mm diameter at 2.5 m distance from nozzleTest duration: 15 minutes

- Examine the protection against ingress water of specimen(s) after this test.

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Specimen:Style/ Item No.: GL-SP07xy/ No.1Quantity: Total 1 pieceTest Result:

Degree of protection against ingress of water (IPX5)

Test Result		
Check Item		Style/ Item No.
		GL-SP07xy/ No.1
1	Does any water enter the enclosure?	No
2	(followed check item 1) If any water has entered, does the water accumulate near the cable end or live parts?	N/A
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
Note 1: N/A means "Not Applicable".		
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 60598-1 Clause 9: 2008 and in accordance with the acceptance conditions specified by client.		

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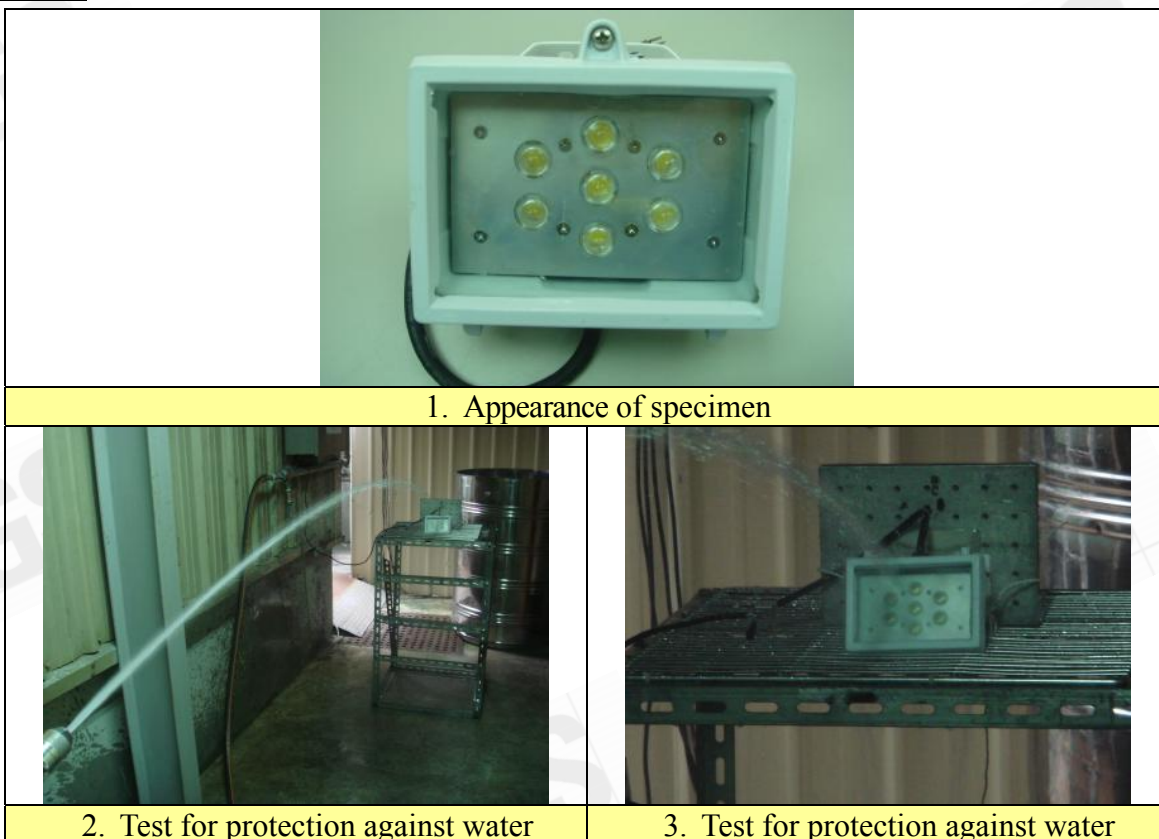
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Test Photos:



1. Appearance of specimen

2. Test for protection against water

3. Test for protection against water

— — — The End of Test Report — — —

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