



毅豐光電股份有限公司
Taiwan Photometric Solution Inc

70953 台南市海墘街288號 Tel : (06)2568831 Fax : (06)2563437

E-mail : light.lab@msa.hinet.net Web : www.lightlab.com.tw



Testing Laboratory
2262

DEGREES OF PROTECTION PROVIDED BY ENCLOSURES PATTERN TEST REPORT

Test Standard : IEC/EN 60598-1 (2008) 、 IEC/EN 60529 (2001-2002)

Date of Receipt : 2013 / 02 / 19

Test Date : 2013 / 02/ 19 ~ 2013 / 02/ 20

Result of determination this subclass type experiment : **PASS(IP54)**

1. Issue date for test report : 2013 / 02/ 20
2. Report No : 13012403
3. Total pages : 9
4. Test report without steel stamp is not valid, and shall not be reproduced except in full.
5. Test sample is not sampling by laboratory, test result relate only to the items tested.
6. Test report is not responsible for advertisement or promotion for products.

Approved Signatory:





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Issue date for test report : 2013/02/20
Report No:13012403

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Test Report

Information for test items

Applicant : GlacialTech Inc

Applicant's address : 9F1., No.352, Sec.2, Jung Shan Rd., Jung He City, Taipei,
Taiwan, 235, R.O.C

Manufacturer : GlacialTech Inc

Manufacturer's address : 9F1., No.352, Sec.2, Jung Shan Rd., Jung He City,
Taipei, Taiwan, 235, R.O.C

Product : LED Flood Light

Mode : GL-FL30S-V2XYZ (XYZ maybe any character or number or blank for
marketing purpose only)

Logo :  or **BR**

Rated voltage : 100~240V

Uses the place : ☐in door ☒out door

Outward appearance size : L 185 mm 、 W 180 mm 、 H 105 mm

Application test rank : IP54



Test content

Standard chapter		Result of test	Determination
Temperature : 25.1 °C Humidity : 51.2 %RH			
IP5x	IEC/EN 60598-1 (sec.9) IEC/EN 60529 (sec.11.4) (sec.13.1) (sec.13.4) (sec.13.5)	No dust into the enclosure, and was still normal the movement	PASS
IPx4	IEC/EN 60598-1 (sec.9) IEC/EN 60529 (sec.14.1) (sec.14.3)	No water into the enclosure, and was still normal the movement	PASS

Photo of test items

Before the test



Before the test



Photo of test items

IP5X testing



IP5X after the test

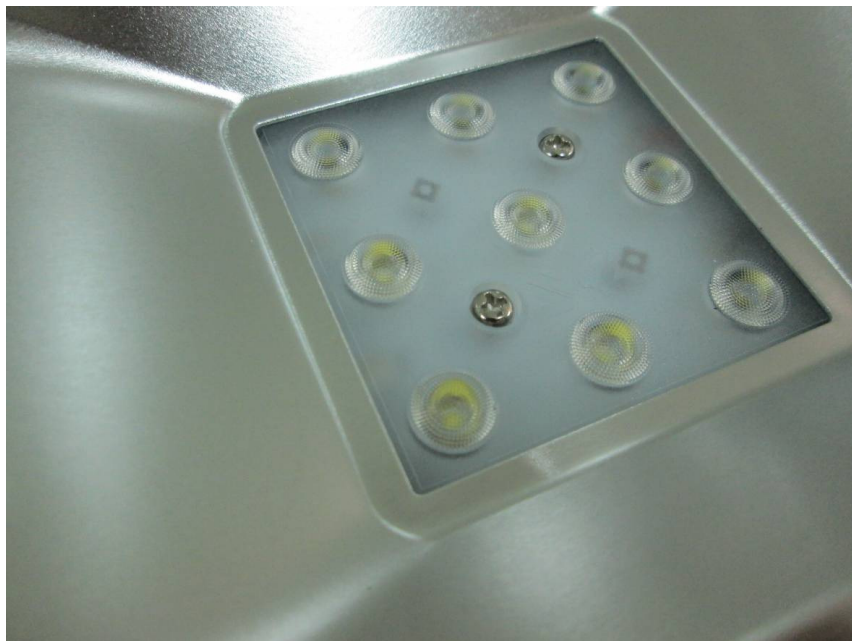


Photo of test items

IP5X testing



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Photo of test items

IPX4 testing



IPX4 after the test

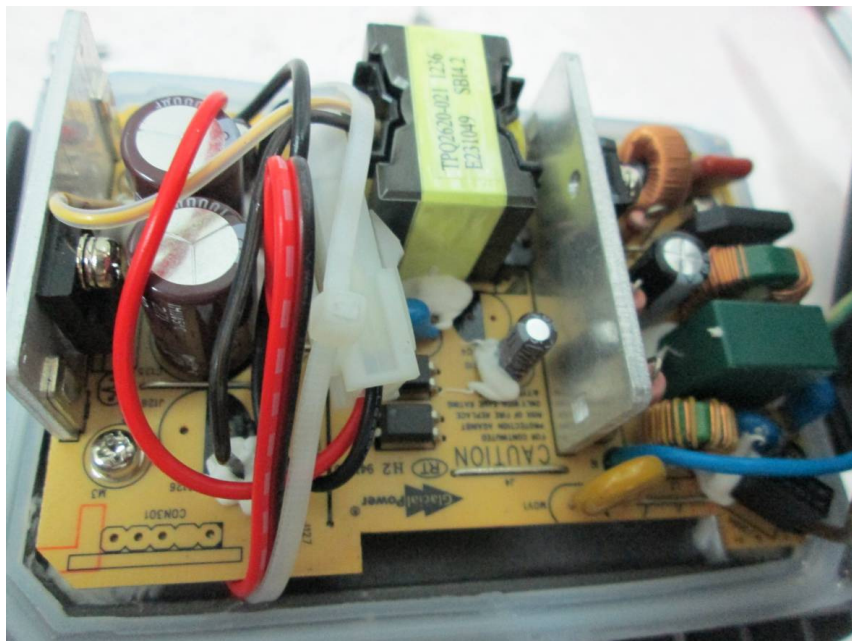


Photo of test items

IPX4 after the test



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Equipment list and testing engineer for test

Item	Equipment No	Equipment	Manufacturer / Type / Series No
1	99S-04	Bears the dust testing machine class dust + Floating dust	TAICHY TECHNOLOGY LTD DT-1500CF
2	99S-06	Bears the rain water testing machine	TAICHY TECHNOLOGY LTD RT-IEC-IPX3.4
Testing engineers : Chun-Ting Liu			

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