



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

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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 / 03 / 25

Test Date : 2013 / 03 / 25 ~ 2013 / 03 / 26

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

1. Issue date for test report : 2013 / 03 / 26
2. Report No : 13032503
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:





## **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 Down Light

Mode : GL-DL06XYZ-IP (XYZ maybe any character or number or blank for  
marketing purpose only)

Rated voltage : 32Vdc

Uses the place : ☐ in door ☒ out door

Outward appearance size :  $\phi$  160 mm 、 H 17 mm

Application test rank : IP54



### **Test content**

Standard chapter		Result of test	Determination
Temperature : 25.3 °C Humidity : 52.1 %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

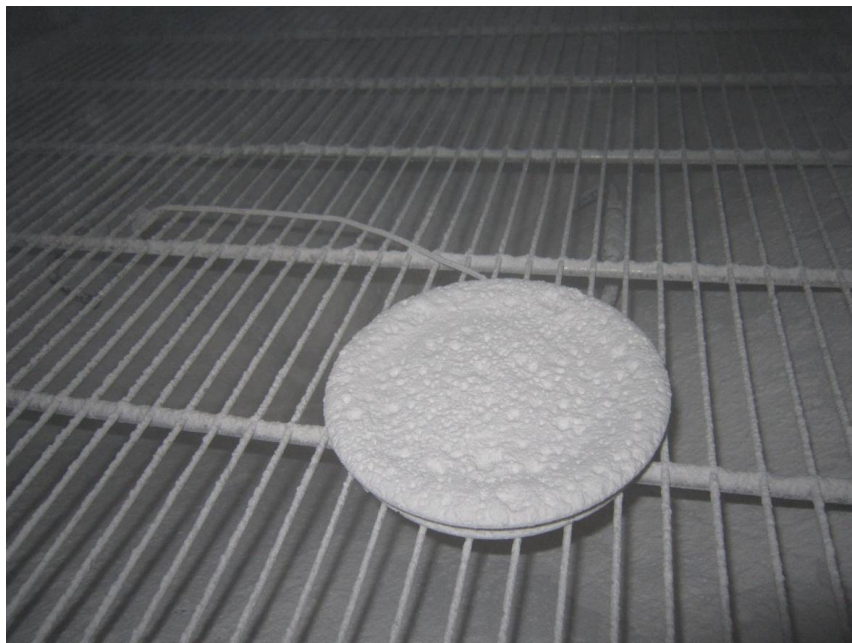


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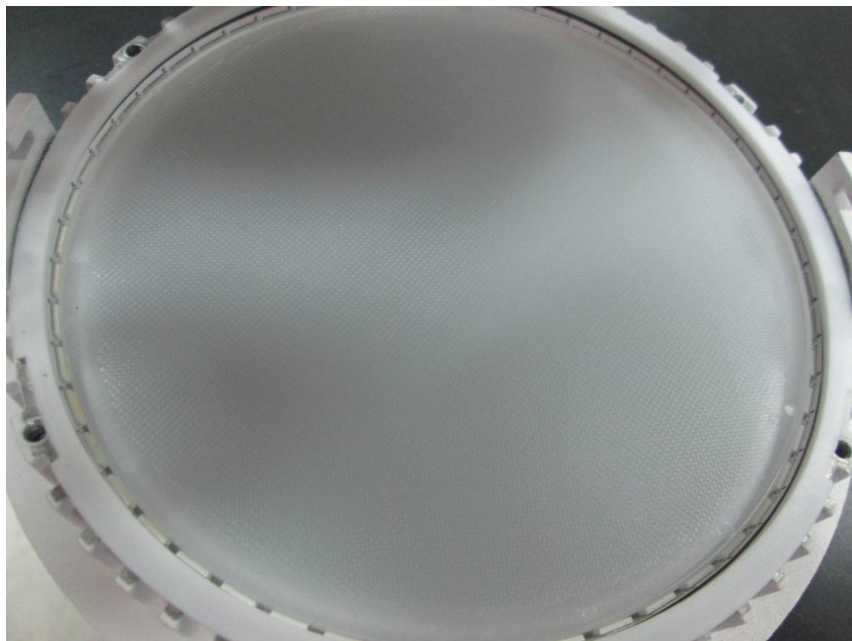
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**Photo of test items**

IP5X testing



IP5X after the test



**Photo of test items**

IP5X testing



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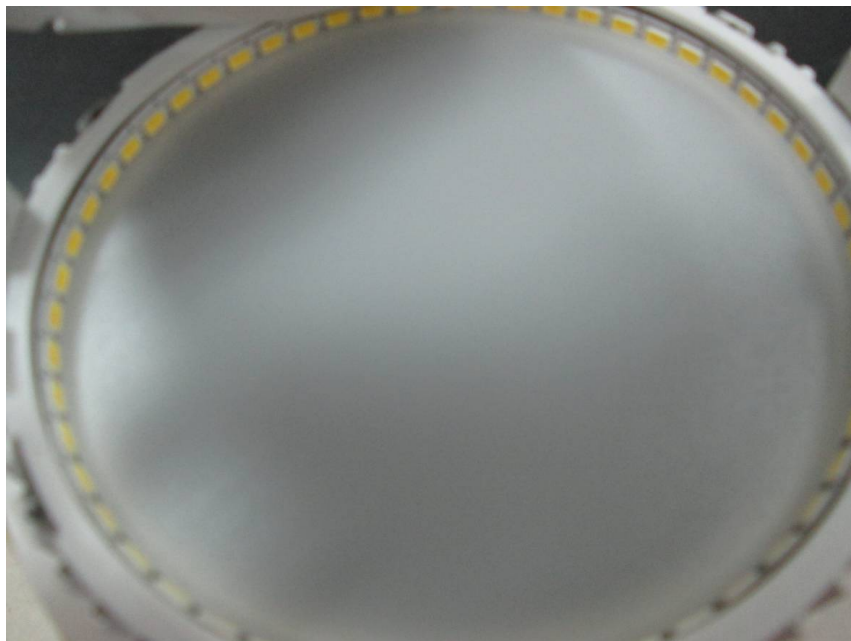


### Photo of test items

IPX4 testing

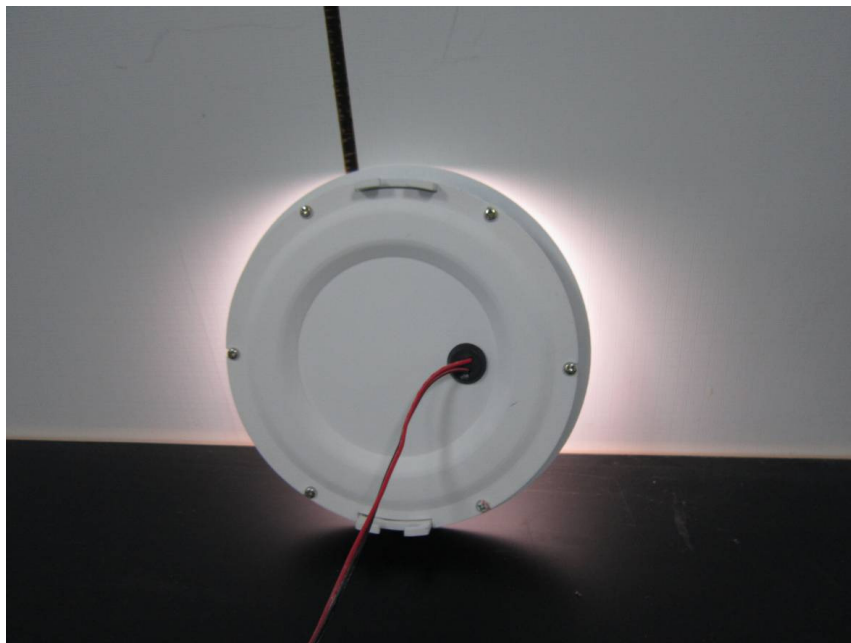


IPX4 after the test



**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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