

# DEGREES OF PROTECTION PROVIDED BY ENCLOSURES PATTERN TEST REPORT

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

Date of Receipt : 2014 / 05 / 05

Test Date : 2014 / 05 / 05 ~ 2014 / 05 / 06

Result of determination this subclass type experiment : **PASS(IP65)**

1. Issue date for test report : 2014 / 05 / 06
2. Report No : 14042809
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 address : 9Fl., No. 352, Sec. 2, Jung Shan Rd., Jung He City, Taipei,  
Taiwan, 235, R.O.C

Manufacturer : GlacialTech Inc.

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

Product name : Bay light

Model No. : GL-BL50-XYZ

Uses the place : ☐ in door ☒ out door

Dimensions :  $\phi$  300 mm 、 H 300 mm

Application test rank : IP65



### Test content

Standard chapter		Result of test	Determination
Temperature : 25.3 °C Humidity : 52.1 %RH			
IP6X	IEC/EN 60598-1 ( sec.9 ) IEC/EN 60529 ( sec.11.4 ) ( sec.13.1 ) ( sec.13.4 ) ( sec.13.6 )	No dust into the enclosure, and was still normal the movement	PASS
IPX5	IEC/EN 60598-1 ( sec.9 ) IEC/EN 60529 ( sec.14.1 ) ( sec.14.2.5 ) ( sec.14.3 )	No water into the enclosure, and was still normal the movement	PASS

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**Photo of test items**

The appearance of photo



The appearance of photo



**Photo of test items**

IP6X testing



IP6X after the test



**Photo of test items**

IP6X after the test



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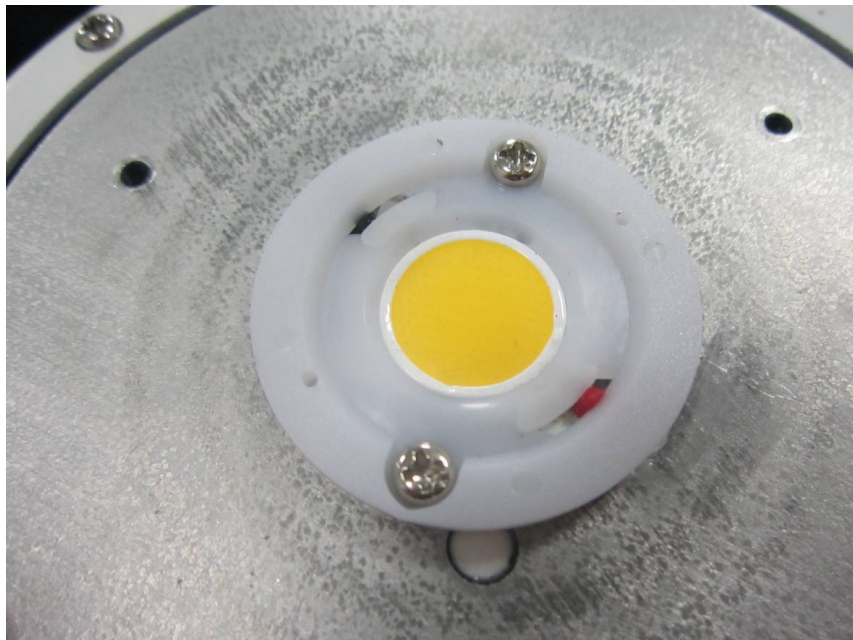


**Photo of test items**

IPX5 testing



IPX5 after the test



**Photo of test items**

IPX5 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-07	Bears the rain water testing machine	TAICHY TECHNOLOGY LTD RT-IEC-IPX5.6
3	99S-10	IP test touch and access wire	Shanghai Haiyue Electric / DTPP-1.0/100
Testing engineers : Chun-Ting Liu			

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