

DEGREES OF PROTECTION PROVIDED BY ENCLOSURES PATTERN TEST REPORT

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

Date of Receipt : 2013 / 12 / 23

Test Date : 2013 / 12 / 23 ~ 2013 / 12 / 24

Result of determination this subclass type experiment : **PASS(IP67)**

1. Issue date for test report : 2013 / 12 / 24
2. Report No : 13122002
3. Total pages : 8
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 : 9Fl., No. 352, Sec. 2, Jung Shan Rd., Jung He City, Taipei,
Taiwan, 235, R.O.C

Manufacturer : GlacialTech Inc

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



Logo :

Product : LED Driver

Master model : GP-RS35P-42CA

Series model : GP-RSwwP-xxCyzzz 、 GP-HSwwP-xxCyzzz

Uses the place : ☐ in door ☒ out door

Outward appearance size : L 90 mm 、 W 70 mm 、 H 35 mm

Application test rank : IP67

Test content

| Standard chapter | | Result of test | Determination |
|---|---|-----------------------------|---------------|
| Temperature : 24.4 °C Humidity : 57.6 %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 | PASS |
| IPX7 | IEC/EN 60598-1 (sec.9) IEC/EN 60529 (sec.14.1) (sec.14.2.7) (sec.14.3) | No water into the enclosure | PASS |

Photo of test items

Before the test



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Photo of test items

IP6X testing



IP6X after the test

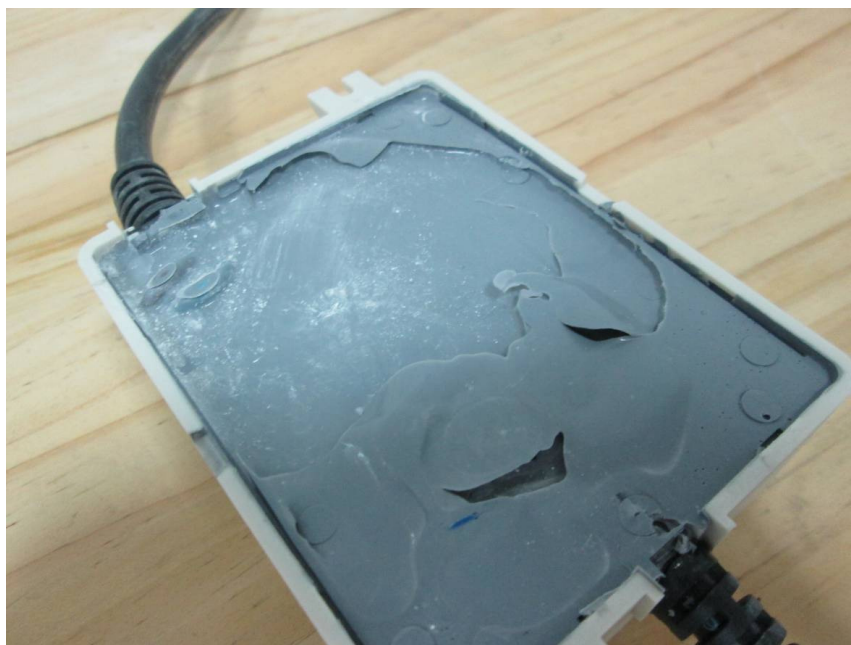
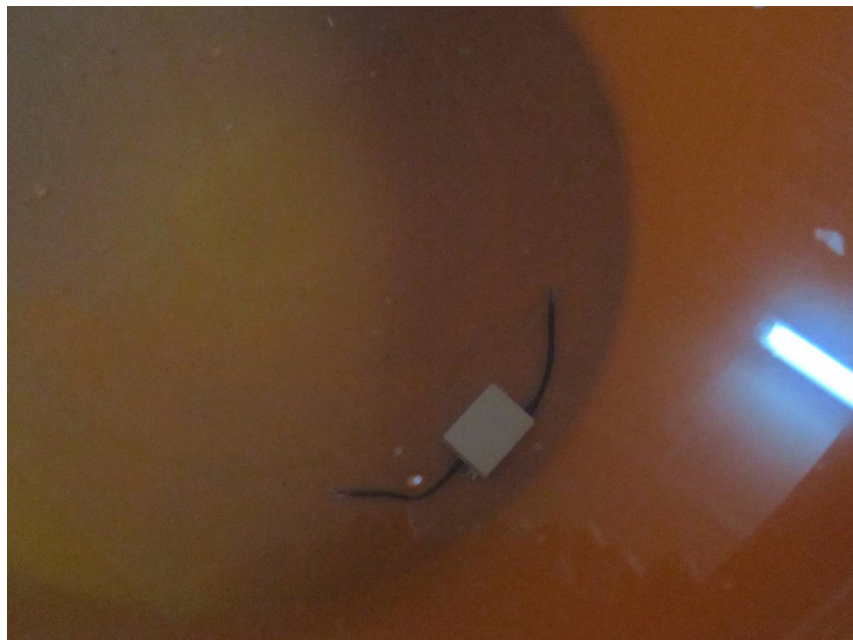


Photo of test items

IPX7 testing



IPX7 after the test



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-20 | Bears the rain water testing machine | TAICHY TECHNOLOGY LTD RT-IEC-IPX7.8 |
| | | | Testing engineers : Chun-Ting Liu |

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Differential analysis explain

| | |
|----------------|-------------------------------------|
| Entrust bodies | GlacialTech Inc |
| Master model | GP-RS35P-42CA |
| Series model | GP-RSwwP-xxCyzzz 、 GP-HSwwP-xxCyzzz |

| Luminaires of the difference contents |
|---|
| <p>Series model GP-RSwwP-xxCyzzz 、 GP-HSwwP-xxCyzzz and master model GP-RS35P-42CA besides Internal circuit is different, the test items external structure are all the same, therefore does not have the influence dustproof waterproofing rank.</p> <p>ww may be output wattage : 26W 、 35W xx may be output voltage (DC) : 12V 、 24V 、 36V 、 42V 、 48V 、 57V y may be A or blank for dimming designation, A means dimmable, blank means non-dimmable zzz may be A through Z, 0 through 9 or blank for marketing purpose only</p> |

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