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DEGREES OF PROTECTION PROVIDED BY ENCLOSURES

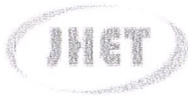
IP Testing Report



Testing Laboratory

1888

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4. This report applies only to the sample.



DEGREES OF PROTECTION PROVIDED BY ENCLOSURES TESTING

Applicant : GlacialTech Inc.

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

Manufacturer : Power Logic Tech.(DONGGUAN) Inc.

Manufacturer Address : Tian-Wei Village, Chang-Pin Town, DongGuan City, GuangDong Province,
China (Zip Code:523558)

Sample:LED Spotlight

Model / Logo : GL-SP15S /



Load specification : LED 21W

Rated Voltage : 100-240Vac, 50-60Hz

Dimensions : 180 mm (L) × 130 mm (W) × 350 mm (H)

Standard : IEC 60529 / EN 60529, IEC 60598-1 / EN 60598-1, IEC 60598-2-1 / EN 60598-2-1

Sampling procedure : Sent by applicant

Sampling date : Aug 20, 2009

Testing date : Aug 24, 2009 ~ Aug 25, 2009

Testing engineer : TSUNG LIANG, LIN

Laboratory : Jing Hong Electrics Testing Co., Ltd.

Result of test : IP-54, Result of test refers to consult page 3.

Report signee :

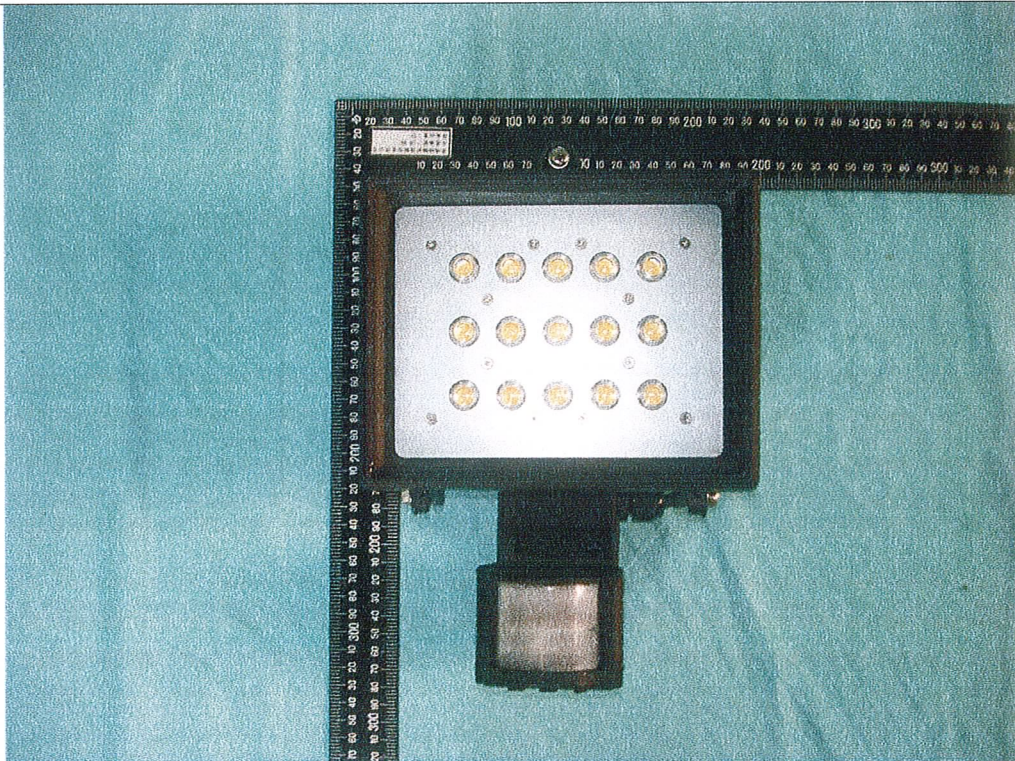
Chen Chang-Lung



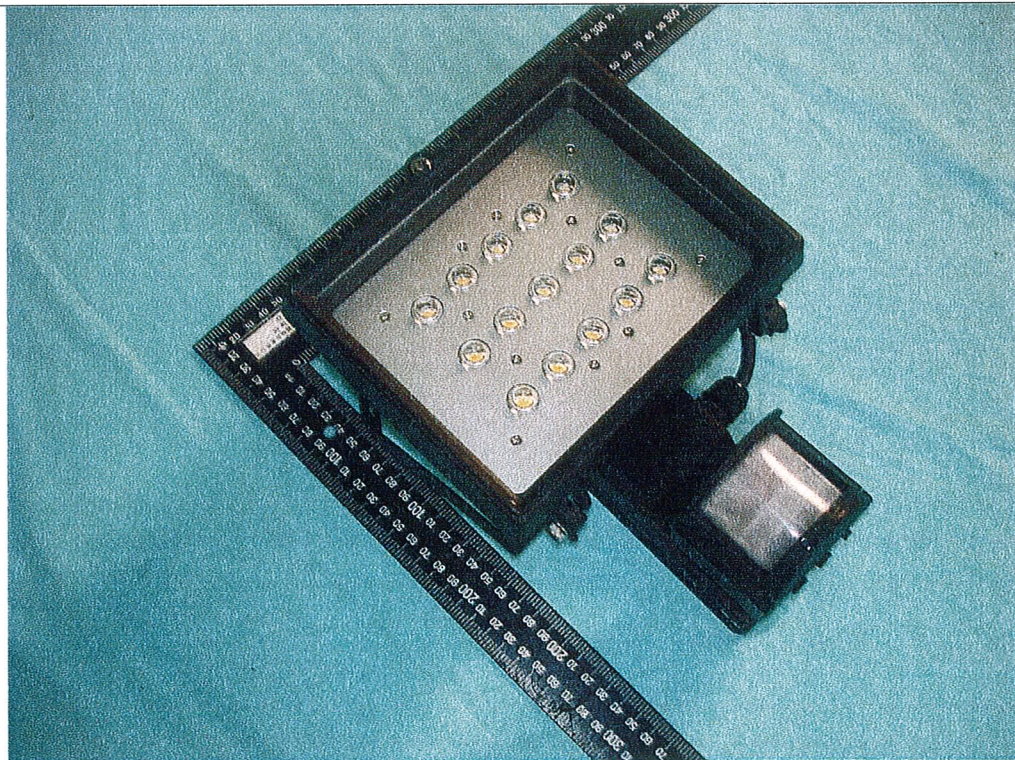
1. Result of test: IP-54

2. Description of test:

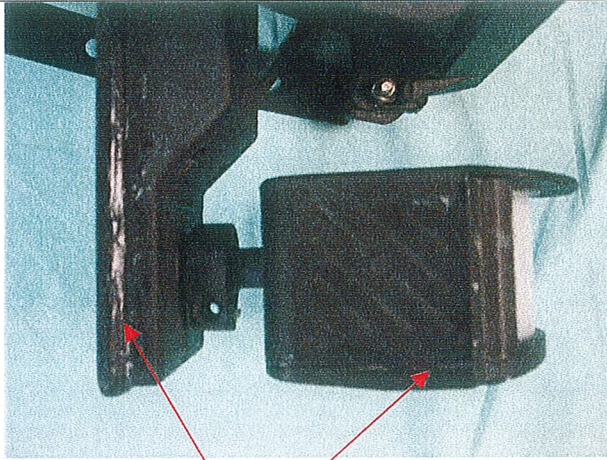
Test items		Standards of test		Result of test
1.Degrees of protection against access to hazardous parts.	IP-5X	IEC60529	【sec.11.4】 【sec.13.1】 【sec.13.4】 【sec.13.5】	The protection is satisfactory.
2.Degrees of protection against solid foreign objects.		IEC60598-1	【sec.9】	
Degrees of protection against water.	IP-X4	IEC60529	【sec.14.1】 【sec.14.2.4】 【sec.14.3】	The protection is satisfactory.
		IEC60598-1	【sec.9】	



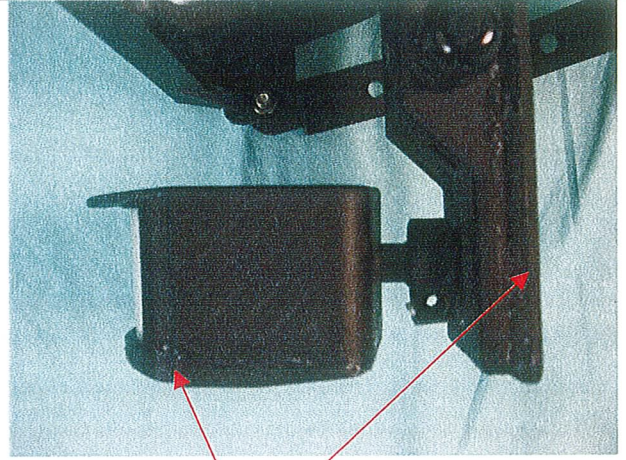
Front



Side



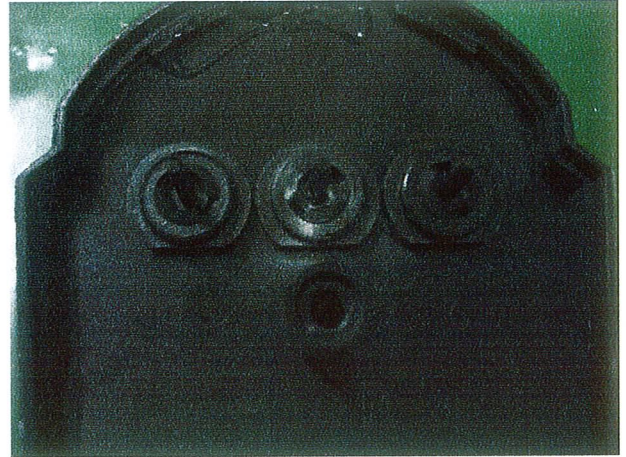
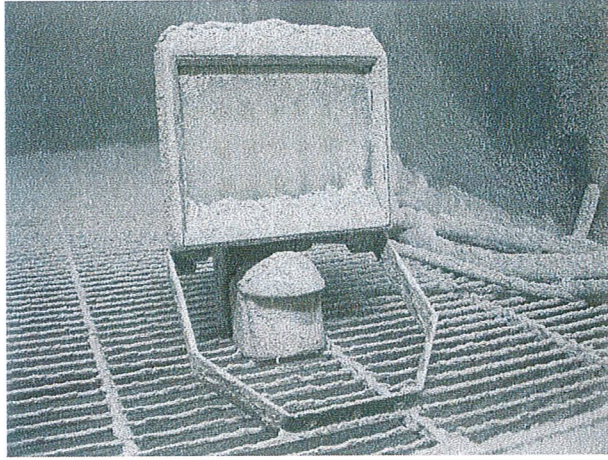
Silicone



Silicone

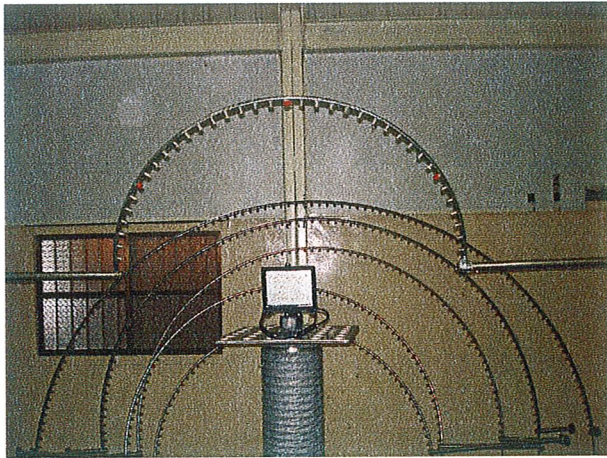
Right Side

Left Side



IP-5X Testing

Result



IP-X4 Testing

Result