



廣益全球驗證有限公司
新北市中和區橋和路120號9樓之二
TEL: 886 - 2 - 2248.0810
Fax: 886 - 2 - 2248.0811

Great One Global Certification Co Ltd
9F-2, No.120, Qiaoh Rd., Zhonghe Dist.,
New Taipei City 235, Taiwan (R.O.C.)
Email: sales@go-safety.com.tw

Degrees of Protection Provide by Enclosures (IP code)

Standard Used : IEC 60529:2001

Date of Issue : October 27, 2016

Date of test : October 20, 2016 to October 26, 2016

Result : PASS (IP68)

1. Report No. : GO1610050101
2. Total number of pages: 6
3. The test results of this report relate only to the tested sample identified in this report.
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Tested By:	Reviewed By:
Rex Kuo	Brian Chang
Project Engineer	Team Leader





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Test Report

Test Sample Basic Information

Applicant: : NIWA-OPTO CORP.

Applicant Address : No.1, Ln. 100, Minli St., Zhonghe Dist., New Taipei City 235, Taiwan
(R.O.C.)

Manufacturer's name : NIWA-OPTO CORP.

Manufacturer Address : No.1, Ln. 100, Minli St., Zhonghe Dist., New Taipei City 235, Taiwan
(R.O.C.)

Product Name : PU COATING WATER-PROOF

Model/Type reference : NGC-TI7521WWC-01PU/24V/5M

Description of model series:

NGC-T(1)(2)(3)(4)(5)-(6)(7)/(8)V/(9)M

- (1) Constant current or constant voltage, 1 digit, can be I or V
- (2) Type of SMD led lamp, 2 digits, can be 01~99
- (3) Pitch(distance between the both component), 2 digits, can be 01~99
- (4) Led emitting color, 2 digits, can be AA~ZZ
- (5) Externals color, 1 digit, can be C or M
- (6) Vision, 2 digits, can be 01~99
- (7) Grade of water-proof, can be PU
- (8) Drive voltage, can be 5,12,24
- (9) Length of stripe-light, can be 0.5~5

Size :Length 5000 mm , width 12 mm, height 5 mm

Place of use : outdoor indoor other

Standard Used : CNS 14165(IEC 60529) CNS 14335(IEC 60598)

Sampling procedure: By Manufacture By Lab

Test Category : IP68



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Test Condition

Category	Requirement + Test	Results - Remark	Verdict
Experimental Ambient Temperature : 24 °C Humidity : 64 %RH			
degrees of protection against solid foreign objects indicated by the 1 st characteristic numeral			
<u>IP6X</u>	Protected against access to hazardous parts with a wire	The access probe of diameter 1.0 mm shall not penetrate	Pass
	Dust-protected Test time: 8 hours °	No ingress of dust	Pass
degrees of protection against water indicated by the 2 nd characteristic numeral			
<u>IPX8</u>	Protected against the effects of continuous immersion in water. Under the water: 1.5 m Test time : 30 min	No water entry	Pass



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Photo

Product: PU COATING WATER-PROOF





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Photo

IP6X test result



IPX8 test result





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Equipment List

No.	Eq.ID	Equipment Type	Manufacturer /Model	Due data
1	L049	IP56X dust tester	Guangzhou Great Testing Technology /GR-IPPCA01	2017-05-15
2	L051	IPX78 water tester	Guangzhou Great Testing Technology /GR-IPX8A	2017-05-15

~ End of Report ~