



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

70953台南市海中心街288號 Tel : (06)2568831 Fax : (06)2563437

E-mail : light.lab@msa.hinet.net Web : www.lightlab.com.tw



Testing Laboratory

2262

LUMINAIRES-PART 1 : GENERAL REQUIREMENTS AND TESTS REPORT (RESISTANCE TO DUST, SOLID OBJECTS AND MOISTURE)

Test Standard : IEC 60529-1(2008)

Date of Receipt : 2019 / 10 / 16

Test Date : 2019 / 10 / 22 ~ 2019 / 10 / 24

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

1. Issue date for test report : 2019/10/25
2. Report No : 19092010
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.
7. This test is only an excerpt [IEC 60529-1 GENERAL REQUIREMENTS AND TESTS REPORT] test standard.

Approved Signatory:





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

Issue date for test report : 2019/09/25
Report No:19092010

70953台南市海中街288號 Tel : (06)2568831 Fax : (06)2563437

E-mail : light.lab@msa.hinet.net Web : www.lightlab.com.tw

Test Report

Information for test items

Applicant : La Luce di Marletta SNC

Applicant's address : Via Archimede, 365. 97100, Ragusa, Italy.

Manufacturer : La Luce di Marletta SNC

Manufacturer's Address : Via Archimede, 365. 97100, Ragusa, Italy.

Product : 2x6W LED outdoor light

Master model/Trademark : WL06

Series model : WL05 、WL04, WL07, WL08

Rated voltage : 100~240V

Outward appearance size : L 95 mm 、W 165 mm 、H 55 mm

Uses the place : ☐ in door ☒ out door

Test Standard : ☒ IEC 60529 ☐ IEC 60598-1

Application test rank : IP65

Test content

Test Levels	Test standard (IEC 60598-1)	Result of test	Determination
	Temperature : 25.3 °C Humidity : 66.1 %RH		
6	Degrees of protection against solid foreign objects indicated by the first characteristic numeral		
	If not whether the lights marked the second type (dust-free vacuum chamber within the state), be regarded as the first type (dust chamber internal pressure to have negative pressure)Ingress of dust is not totally prevented, but dust shall not penetrate in a quantity to interfere with satisfactory operation of the apparatus or to impair safety (with underpressure is 2kPa) the duration of the test is 8 hour	No dust into the enclosure	PASS
5	Degrees of protection against water indicated by the second characteristic numeral		
	Water projected in powerful jets against the enclosure from any direction shall have no harmful effects Water flow : 12.5 l±5% 、 Minimum test duration : 15min 、 Distance from nozzle to enclosure surface : 3m	The lamps and lanterns interior does not have the water, and was still normal the movement	PASS

Photo of test items

the appearance of photo



-Following blank-

Photo of test items

IP6X after the test



IPX5 after the test



Photo of test items

IPX5 after the test



-Following blank-



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
Testing engineers : Chun-Ting Liu			

-Following blank-



Differential analysis explain

Entrust bodies	La Luce di Marletta SNC
Master model	WL06
Series model	WL05、WL04, WL07,WL08

Luminaires of the difference contents
Series model WL05、WL04, WL07,WL08 and Master model WL06 Besides color temperature are different, its lamps and lanterns external structure are all the same, therefore does not have the influence dustproof waterproofing rank.
WL-LS-01 : 3000K
NL-LS-01 : 4000K
CL-LS-01 : 5000K

-Following blank-