

TEST REPORT

1. Applicant

Name : OK INDUSTRY INC.
Address : 201-18. Daeya-dong, Siheung-si, Gyeonggi-do,
Korea

2. Products

Name : LED Module
Model/Type : OK-W7203
Manufacturer : OK INDUSTRY INC.
Remark : -

3. Test Standard/Method : IEC 60529:2001, KS C IEC 60529:2002

4. Test Results : IP68 (Refer to document)

5. Use of Report : For Quality Control.

6. Date of Application : 2009. 07. 31

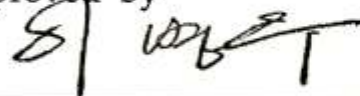
7. Date of Issue : 2009. 08. 04

Tested by



Machinery Components Center
Chang-ho Kim

Approved by



Machinery Components Center
Leader Byung-woo Lee

The above test report is the accredited test results by Korea Laboratory Accreditation Scheme, which signed the ILAC-MRA.

Korea Testing Laboratory

TEST RESULTS

for Degree of protection provided by enclosures(IP Code)

1. Test Results

Code letters	IP	Test method and Record	Results
1st Characteristic numerals Against ingress of solid foreign objects	6	1. CONDITIONS 1.1 Talcum powder(mesh) : Wire diameter=50 μm, width between wires=75 μm 1.2 Amount of talcum powder of the test chamber : 2kg/m³ 2. TEST 2.1 Volume of the enclosures : 0 cm³ 2.2 Reduction air pressure : -2.0 kPa (-200 mmH₂O) 2.3 Flow rate : 0.0 LPM 2.4 Extraction rate per hour : 0 volumes/h 2.5 Test duration : 8 hours	Pass
2nd Characteristic numerals Against ingress of water with harmful effects	8	1. CONDITIONS 1.1 The lowest point of enclosure : 1,200 mm 1.2 The highest point of enclosure : 1,128 mm 1.3 Differential temperature of water and enclosure (less than 5K) : about 1.5 K 2. TEST 2.1 The duration of the test is : 5 hour	Pass

2. Reference Data

- (1) Test conditions : 15~35 °C, 25~75 %RH, 86~106 kPa
- (2) Size : 72 mm×13 mm×7.5 mm
- (3) Rating : DC 12 V