



Shenzhen SCS Technology Co.,Ltd.

Report Reference No: SCS123890J5050188

IP65 TEST REPORT

Report reference No.	SCS123890J5050188
Testing laboratory	Shenzhen SCS Technology Co., LTD.
Location.....	Room 615-618,Decheng Commercial Building, No.33 Jia An Road, Bao An 41st. District , Shenzhen, Guangdong, China.
Applicant.....	Jinhua Sunmaster Solar Lighting Limited
Address.....	No.2735 Dongyang Street Jinhua Zhejiang China
Manufacturer.....	Jinhua Sunmaster Solar Lighting Limited
Address:.....	No.2735 Dongyang Street Jinhua Zhejiang China
Standards.....	EN 60529:1991+A1:2000
Type of test equipment	solar street light
Model/Type designation.....	SMLN-05W ,SMLN-08W ,SMLN-12W ,SMLN-15W , SMLN-20W ,SMLN-25W ,SMLN-30W ,SMLN-40W , SMLN-60W .
Total pages	4 pages

Tested by :

Kadeem

Approved by:



Data: Jul. 01-03, 2012

Data: Jul. 03, 2012



IP65 TEST REPORT

Test Requested(As requested by the client,please see following sheets in detail.)

Test Sequence	Test Item
1	IP6X
2	IPX5

Tested Sample:

Sample No.	Sample Name	Model/type	Quantity
001	solar street light	SMLN-05W	1pc

Sample Photo before the Test:





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Test Item 1: IP6X

(1) Test Equipment:

(2) Environmental Conditions:

Name	Model/type	Serial No.	Valid Date to
Probe	φ1mm	ATTEELSZ20057-2	Feb. 21, 2013
Dust Tester	SC-1000	BTTEELSZ20009	May 25, 2013

Temperature: 24°C Humidity: 50%RH

(3) Reference Standard: EN 60529-1991+A1:2000

(4) Tested Sample: 001

(5) Test Condition:

The test performed in accordance to the criteria listed above, and under the conditions as below:

- The probe of 1 mm diameter is pushed against any opening of the sample with force of 1N
- Set the samples in the dust test chamber
- The talcum powder to be used is 2 kg/m³ of the test chamber volume
- The pressure inside the enclosure is maintained below the surrounding atmospheric pressure by a vacuum pump
- Test duration: remain the sample in the test chamber for 8 hours

Test Result: The probe can't penetrate into any opening of the sample, there was no dust entered into the sample, sample passed the IP6X test.



Sample Photo after the Test :



Test Report

Test Item 2: IPX5

(1) Test Equipment:

(2) Environmental Conditions:

Name	Valid Date to
Immer sion tank	Aug. 04, 2013

Temperature: 24°C Humidity: 50%RH

(3) Reference Standard: EN 60529-1991+A1:2000

(4) Tested Sample: 001

(5) Test Condition:

The test performed in accordance to the criteria listed above, and under the conditions as below:

---switched off and immediately subjected to a water jet for 15 min from all directions by means of a hose

---The water pressure at the nozzle shall be adjusted to achieve a water delivery rate of 12,5 l/min \pm 5 %(approximately 30 kN/m²).

---Test duration: 15mins



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Test results: After the test, there was no water entered into the sample, sample passed the IPX5 test.



Sample Photo after the Test:

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*** End of report ***