



中国认可
国际互认
检测
TESTING
CNAS L6478



TEST REPORT

Reference No. : WTF19F03011146N
 Applicant..... : Light Source Solutions Roadway
 Address..... : 34- 36 Adderley Street East, Lidcombe, NSW, 2141, Australia
 Manufacturer..... : Light Source Solutions Roadway
 Address..... : 34- 36 Adderley Street East, Lidcombe, NSW, 2141, Australia
 Product Name..... : LED Street Light
 Model No..... : SKU S12846 IRT20A150M2V340VGR
 Ratings..... : 100-240VAC, 50/60Hz, 50W
 Standards..... : Lamp Circuit Power (LCP)
 IES LM-79-08: Electrical and Photometric Measurements of Solid-State Lighting Products
 Date of Receipt sample : 2019-03-04
 Date of Test..... : 2019-03-04 to 2019-03-11
 Date of Issue..... : 2019-03-11
 Test Report Form No. : WPL-LM7908A-07A
 Test Result..... : See the attached sheets

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

Prepared By:

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Compiled by:


 Finn Yu / Project Engineer

Approved by:



 Akin Xu / Manager

Test item description : LED Street Light

Trade Mark : **GE**

Brand : **GE**

General remarks:

"(See attachment #)" refers to additional information appended to the report.

"(See remark #)" refers to a remark appended to the report.

"(See appended table)" refers to a table appended to the report.

Throughout this report a comma (point) is used as the decimal separator.

Remark:

1. Measurement was conducted at a stable ambient temperature $25^{\circ}\text{C}\pm 1^{\circ}\text{C}$ and an air speed $\leq 0.5\text{m/s}$.
2. Tested samples are with photocell, total 10 samples were selected in LCP test.
3. Detail information for models covered in this report as below.

Item	Model	Ratings	CCT	Driver
1	SKU S12846 IRT20A150M2V340 VGR	100-240VAC, 50/60Hz, 50W	---	Model: EUD-075S175DV

Possible test case verdicts:

- test case does not apply to the test object : N (Not applicable)
- test object does meet the requirement : P (Pass)
- test object does not meet the requirement : F (Fail)

IES LM-79-08			
Clause	Requirement – Test	Measuring result – Remark	Verdict
2.0	Ambient Conditions		P
2.1	General		P
2.2	Air Temperature		P
2.3	Thermal Condition for Mounting SSL Products		P
2.4	Air Movement		P
3.0	Power Supply Characteristics		P
3.1	Waveshape of AC power supply		P
3.2	Voltage regulation		P
4.0	Seasoning of SSL Product		N
	No seasoning of SSL product		N
5.0	Stabilization of SSL Product		P
	SSL product has sufficiently stabilized before measurement	Stabilized 60 minute	P
6.0	Operation Orientation		P
	SSL product shall be stabilized and measured in intended operating orientation	As normal working	P
7.0	Electrical Settings		P
	SSL product shall be operated at rated voltage		P
	SSL product with dimming capability are tested at maximum input power condition		N
	SSL product with different modes are measured in all relevant modes		N
8.0	Electrical Instrumentation		P
8.1	Circuits		P
8.2	Uncertainties		P

Appended-Test Data Sheet

Table 1:

Model: SKU S12846 IRT20A150M2V340VGR (Driver model: EUD-075S175DV, with photocell)				
Sample No.	Input Voltage / Frequency (Volts AC / Hz)	Input Power (LCP) (Watts)	Input Current (Amps)	Power factor
1	240V, 50Hz	49.64	0.2157	0.9583
2	240V, 50Hz	49.90	0.2166	0.9599
3	240V, 50Hz	50.16	0.2176	0.9605
4	240V, 50Hz	49.79	0.2162	0.9596
5	240V, 50Hz	50.25	0.2181	0.9600
6	240V, 50Hz	50.17	0.2191	0.9541
7	240V, 50Hz	50.38	0.2184	0.9602
8	240V, 50Hz	50.44	0.2203	0.9528
9	240V, 50Hz	49.82	0.2178	0.9522
10	240V, 50Hz	50.22	0.2192	0.9539
Ave.	240V, 50Hz	50.08	0.2179	0.9572

NOTE:
 - This product has sufficiently stabilized before measurement, stabilisation was considered reached by: the variation (maximum-minimum) of at least 3 readings of the light output and electrical power over a period of 30 minutes is less than 0.5%.

Attachment 1: Test instruments

Equipment	Model/Type	Cal. Due. Date
Intelligent pure sine-wave power supply	EVERFINE TPS-500B	2020-02-26
Power meter	EVERFINE PF2010A-V1-CAN	2020-02-26
Temperature & Humidity Datalogger	Testo 608-H1	2020-02-26
Digital Power Meter	YOKOGAWA WT310E	2019-04-18

Attachment 2: Photo Documentation

Model: SKU S12846 IRT20A150M2V340VGR



Photo 1



Photo 2



Photo 3



Photo 4

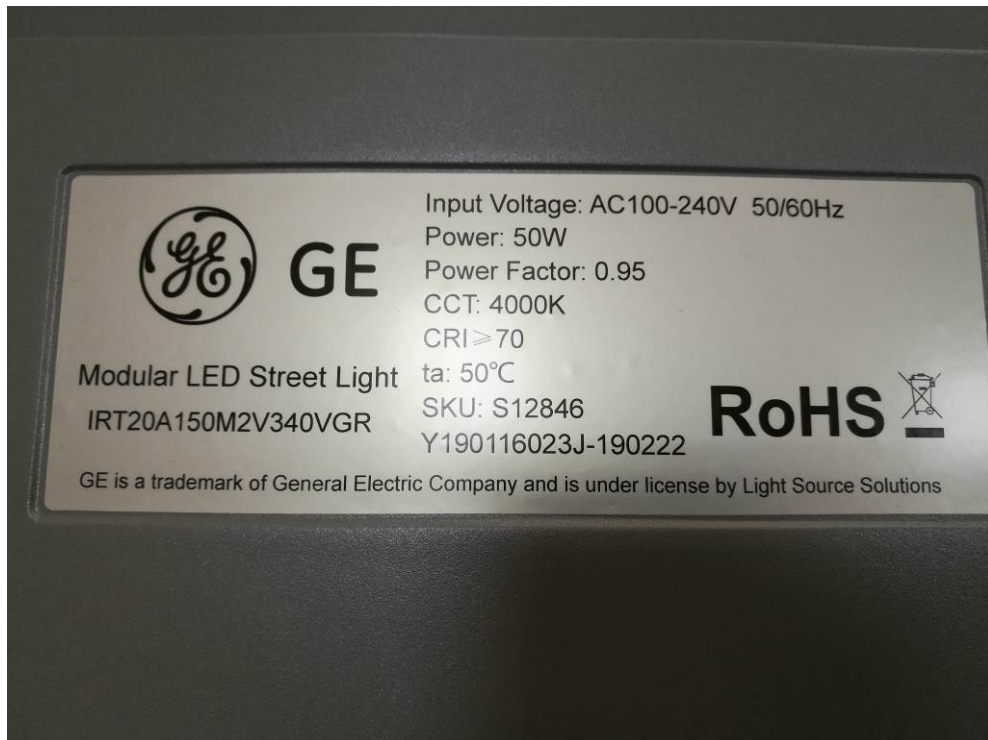


Photo 5

===== End of Report =====