中国认可
国际互认
检测
TESTING
CNAS L6478

TEST REPORT

Reference No.	:	WTF18F05113229N
Applicant	:	Beacon Lighting Wholesale Pty. Ltd.
Address	:	140 Fulton Drive, Derrimut, VIC, 3030, Australia
Manufacturer	:	LIGHTDECO ENTERPRISE LTD.
Address	:	FLOOR 11-2, NO.374, SECTION 2, PA-TEH ROAD, TAIPEI TAIWAN 105
Product Name	:	GE LED HID 35W LAMP E27 4000K 4800LM 40,000HRS
Model No.	:	ITEM#TSL76E103-CW-E27 SKU#13203L
Ratings	:	220-240VAC, 50Hz, 35W
Standards	:	IES LM-79-08 Electrical and Photometric Measurements of Solid-State Lighting Products
Date of Receipt sample	:	2018-05-29
Date of Test	:	2018-05-29 to 2018-06-11
Date of Issue	:	2018-06-12
Test Report Form No.	:	WPL-LM7908A-02A
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.

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Approved by:

WALTEK SERVICES CO., LTD. WALTEK TEST REPORT

Akin Xu / Manager

Test item description ..... : GE LED HID 35W LAMP E27 4000K 4800LM 40,000HRS

Trade Mark ..... :

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°C±1°C.
2. Total 10 samples were selected in this LCP (Lamp Circuit Power) tests.
3. Detail information for models covered in this report as below.

Item	Model	Ratings	CCT	Driver
1	ITEM#TSL76E103-CW-E27 SKU#13203L	220-240VAC, 50Hz, 35W	4000K	---

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)

Test summary:

Testing is performed in accordance with the procedures outlined in IES LM79-2008. The sample is evaluated for electrical parameters, located in an accredited, temperature and humidity-controlled, draft free photometric laboratory.

Test No. 1: Electrical Parameters Test

The sample was tested according to the IES LM-79-2008.

Electrical parameters were measured using an AC or DC power supply and a power meter.

The voltage of an AC power supply (RMS voltage) or DC power supply (instantaneous voltage) applied to the device under test shall be regulated to within ±0.2 percent under load. The AC power supply, while operating the product, shall have a sinusoidal voltage waveshape at the prescribed frequency 50Hz or 60Hz such that the RMS summation of the harmonic components does not exceed 3 percent of the fundamental during operation of the test item. It was stabilized before measurement. Input power (LCP: Lamp Circuit Power), input current, power factor measurements taken at the power meter.

IES LM-79-08			
Clause	Requirement – Test	Measuring result – Remark	Verdict
2.0	Ambient Conditions		P
2.1	Genaral		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	No seasoning of SSL product		P
5.0	Stabilisation of SSL Product		P
	SSL product has sufficiently stabilized before measurement	Stabilized 30 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 Instrumentations		P
8.1	Circuits		P
8.2	Uncertainties		P

Appended-Test Data Sheet

Table 1:

Model: ITEM#TSL76E103-CW-E27 SKU#13203L (Tested at 220V, 50Hz)			
Sample No.	Input Power (Watts)	Input Current (Amps)	Power factor
1	35.98	0.1666	0.9822
2	35.91	0.1664	0.9818
3	36.24	0.1680	0.9818
4	36.16	0.1675	0.9815
5	35.57	0.1649	0.9812
6	35.49	0.1654	0.9812
7	35.70	0.1654	0.9815
8	35.74	0.1656	0.9810
9	35.16	0.1675	0.9821
10	36.10	0.1673	0.9820
Average	**35.81**	**0.1665**	**0.9816**
NOTE: If the output voltage is a.c., 110 % is the percentage of the r.m.s. value, if d.c., 110 % is the percentage of the d.c. value.			

Model: ITEM#TSL76E103-CW-E27 SKU#13203L (Tested at 230V, 50Hz)			
Sample No.	Input Power (Watts)	Input Current (Amps)	Power factor
1	36.04	0.1601	0.9785
2	35.90	0.1598	0.9779
3	36.26	0.1612	0.9780
4	36.24	0.1611	0.9775
5	35.64	0.1586	0.9773
6	35.56	0.1582	0.9772
7	35.77	0.1591	0.9775
8	35.77	0.1592	0.9770
9	36.21	0.1609	0.9781
10	36.05	0.1603	0.9778
Average	**35.94**	**0.1599**	**0.9777**
NOTE: If the output voltage is a.c., 110 % is the percentage of the r.m.s. value, if d.c., 110 % is the percentage of the d.c. value.			

Model: ITEM#TSL76E103-CW-E27 SKU#13203L (Tested at 240V, 50Hz)			
Input Voltage / Frequency (Volts AC / Hz)	Input Power (Watts)	Input Current (Amps)	Power factor
1	36.12	0.1544	0.9742
2	35.92	0.1537	0.9737
3	36.32	0.1553	0.9740
4	36.30	0.1554	0.9733
5	35.77	0.1531	0.9729
6	35.67	0.1528	0.9727
7	35.87	0.1536	0.9732
8	35.84	0.1535	0.9728
9	36.30	0.1553	0.9738
10	36.12	0.1546	0.9735
Average	**36.02**	**0.1542**	**0.9734**
NOTE: If the output voltage is a.c., 110 % is the percentage of the r.m.s. value, if d.c., 110 % is the percentage of the d.c. value.			

Attachment 1: Test instruments

Equipment	Model/Type	Cal. Due Date
Intelligent pure sine-wave power supply	EVERFINE TPS-500B	2019-03-07
Power meter	EVERFINE PF2010A-V1-CAN	2019-03-07
Temperature & Humidity Datalogger	Testo 608-H1	2019-03-07
Digital Power Meter	YOKOGAWA WT310E	2019-04-18

Attachment 2: Photo Documentation

Model: ITEM#TSL76E103-CW-E27 SKU#13203L

Photo 1

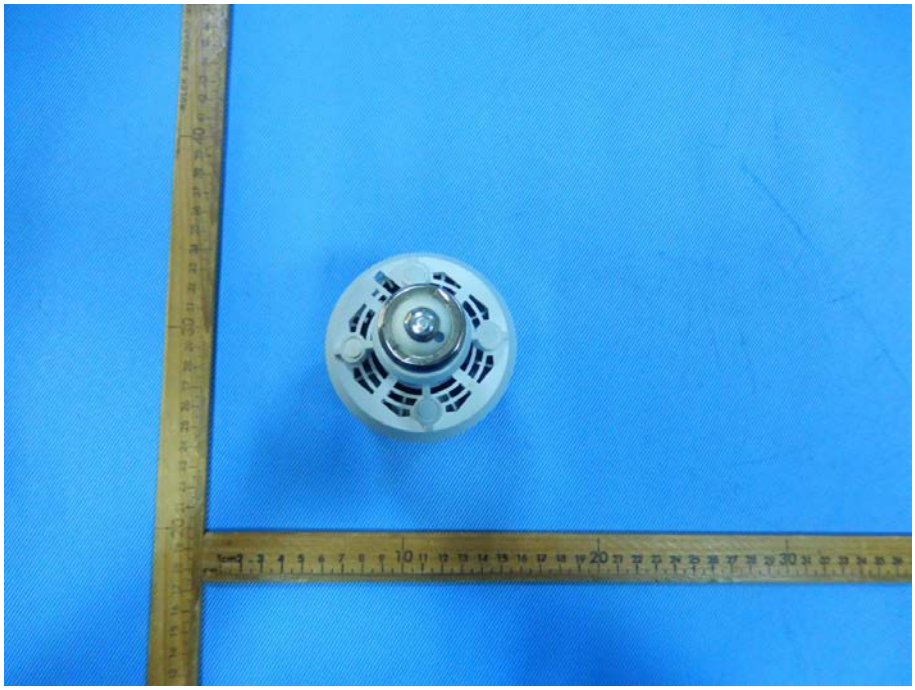

Photo 2

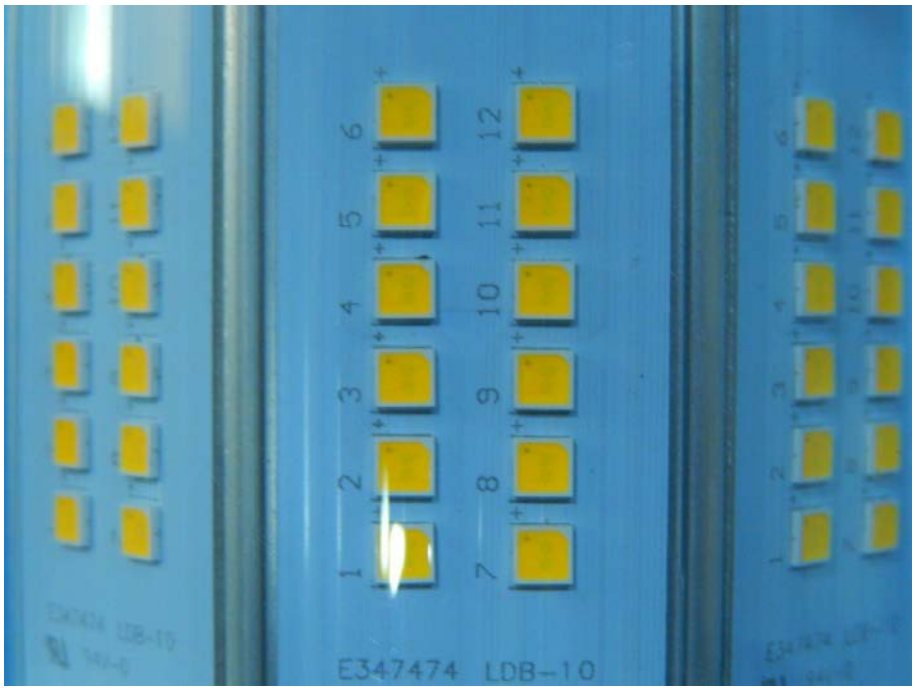

Photo 3

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