LightLab International
Brisbane QLD 4019.

Report of Test

LL21103

ORIGINAL
REPORT

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Client	Lightscope Pty. Ltd.
Contact	Brett Jones
Address	Unit 7, 3-5 Deakin Street, Brendale. QLD. 4500.
Devices Tested	10 x LED Pathway Lights Greendale 430LED. Identified by LightLab as Sample A to J (also identified with test number). Cat No.: LS1200-020-16LED. The device comprises: Cast aluminium body with silver finish, One Vossloh Schwabe LED, One Tridonic LCA 30W 250-700mA one4all C PRE OTD electronic driver, set to "500mA" output.
Nature of Tests	To determine the total circuit power, supply current and power factor of the supplied LED Pathway Lights while operating under standard laboratory conditions with the supply set to 250 V 50 Hz. Performance data in accordance with IESNA LM-79-08.
Sample Selection	This laboratory has not exercised control over the selection of samples to be tested. All testing is performed on the understanding that the significance of the report is limited to the extent to which the test samples are representative of production units.
Procedure	The sample was tested in free air with lens surround horizontal and face down in a draft free room. The supply voltage and frequency to the control gear was set according to the values in Table 1 and the sample was operated for a minimum of 6 hrs prior to recording measurements. The relevant measurements are recorded in Table 1. All measurements were performed in a controlled environment of 25 ± 1 ° Celsius.

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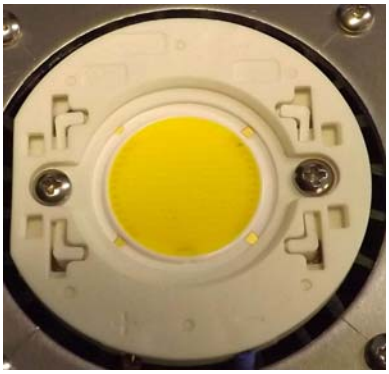
Photographs



Sample H shown above

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Test Results

Sample ID	Supply voltage (Vac)	Supply frequency (Hz)	Supply current (A)	Supply Power (W)	Power Factor
LL21103A	250	50	83.0	18.6	0.89
LL21103B	250	50	82.8	18.5	0.89
LL21103C	250	50	83.0	18.6	0.89
LL21103D	250	50	83.0	18.5	0.89
LL21103E	250	50	82.7	18.6	0.90
LL21103F	250	50	82.9	18.6	0.90
LL21103G	250	50	83.5	18.5	0.89
LL21103H	250	50	83.3	18.5	0.89
LL21103I	250	50	83.4	18.6	0.89
LL21103J	250	50	83.4	18.5	0.89

Table 1

Equipment Used	**Asset#**	**Calibration Due Date**
Samples A to F		
Entech AC Source	B0277	N/A
YEW WT210	B0381	08/01/19
Tsuruga K-type Thermometer	B0202	19/04/19
Samples G to J		
Entech AC Source	B0257	N/A
YEW WT210	B0138	12/01/19
YEW Thermometer	B0260	06/10/18

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Uncertainties

When calculated at the 95% confidence interval with coverage factor k = 2, the estimated uncertainties are:

Temperature	± 1° Celsius
Electrical Power (ac)	± 0.5%
Electrical Voltage (ac)	± 0.5%
Electrical Current (ac)	± 0.5%
Frequency (Hz) *	± 0.2%
Power Factor *	± 0.02

* NATA accreditation does not cover the performance of this service.

Laboratory

Measurements were performed at the LightLab International Brisbane Laboratory.

Date of Test 29/06/2018 to 02/07/2018
Date of Report 02/07/2018

Authorised Signatory

Kevin Monaghan

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