Report of Test

LL23501

ORIGINAL REPORT

This test report was issued by LightLab International without alterations or amendments

Activity address: 50 Redcliffe Gardens Drive, Clontarf, Qld, 4019, Australia.

USA west coast LightLab International, LLC, 24825 N. 16th Avenue, Suite 125, Phoenix, AZ, 85085 — Ph : +1 623-434-1499, Fx : +1 623-434-1492, www.lightlabint.com

USA east coast LightLab Int'l Allentown LLC, 905 Harrison Street, Suite 135, Allentown, PA 18103 — Ph: +1 484-273-0705, www.lightlabint.com

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Test Report Number LL23501

Client	Connected Light Solutions
Contact	Remko Verschuur
Address	34-36 Adderley Street East, Lidcombe. NSW. 2141.
Devices Tested	10 x 150 W (nom.) LED Area Lighters. Identified by LightLab as Sample A to J (also identified with test number). GE Cat No.: ALUASN150AWBHSG1D1 (SKU S70369R). The device comprises: Cast aluminium body with grey finish, one SPL9P22S V1.01 LED PCB with 198 LEDs, one Mean Well ELG-150-C1050DA electronic driver.
Nature of Tests	To determine the total circuit power, supply current and power factor of the supplied devices while operating under standard laboratory conditions with the supply set to 250 V 50 Hz. Performance data in accordance with IESNA LM-79-08.
Applicability	This report is applicable only to the sample that was tested.
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 luminous opening 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 till electrical stability was achieved 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

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Test Results

Sample ID	Supply voltage (Vac)	Supply frequency (Hz)	Supply current (A)	Supply Power (W)	Power Factor
LL23501A	250	50	0.600	147.7	0.99
LL23501B	250	50	0.609	150.2	0.99
LL23501C	250	50	0.601	148.2	0.99
LL23501D	250	50	0.613	151.3	0.99
LL23501E	250	50	0.604	148.9	0.99
LL23501F	250	50	0.624	153.9	0.99
LL23501G	250	50	0.605	149.3	0.99
LL23501H	250	50	0.603	148.8	0.99
LL23501I	250	50	0.606	149.5	0.99
LL23501J	250	50	0.606	149.4	0.99

Table 1

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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	13/07/2021 to 14/07/2021
Date of Report	26/07/2021

Authorised Signatory

K Monaghan

Kevin Monaghan

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