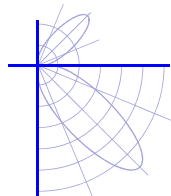


# Report of Test

## LL15892-IS

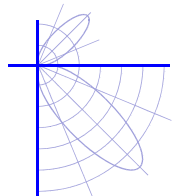




**Test Report Number LL15892-IS**

Client	LCL Manufacturing Pty. Ltd.
Contact	Joe Bruce
Address	23 Foundary Road Seven Hills, NSW 2147
Devices Tested	An extruded LED luminaire, Cat No.:  AUS 80 LED GS (in-house luminaire)
Nature of Tests	To determine the temperature rise of customer nominated Tc points on extruded LED luminaire and driver combination while operating under standard laboratory conditions with the supply set to 240 V 50 Hz.
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 sample is representative of production units.
Procedure	<p>The sample was tested in free air with diffuser horizontal and facing 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.</p> <p>All measurements were performed in a controlled environment of 25 <math>\pm</math> 1 ° Celsius.</p>



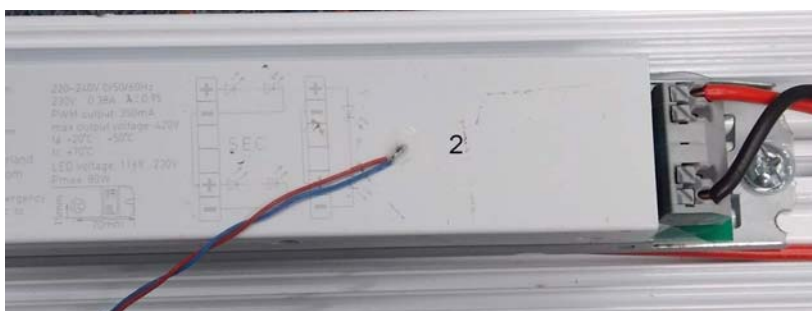


Test Report Number LL15892-IS

Photographs



Product.

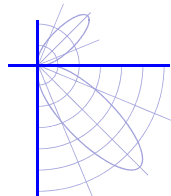


Control Gear Tc point.



LED Tc points.





Test Report Number LL15892-IS

Test Results

Supply Voltage (Vac)	Supply Frequency (Hz)	Supply Current (Aac)	Measured Total Power (W)	Tc Point #1 (°C) <sup>1</sup>	Tc Point #2 (°C) <sup>1</sup>	Tc Point #3 (°C) <sup>1</sup>	Ambient Temp. (°C)
240.0	50.0	0.222	49.9	51.3	54.8	49.9	25.5

Table 1 – measurements

Notes: <sup>1</sup> – Measurements have been normalised to a 25 °C ambient.

The control gear integral to the luminaire used for this test:

“Tridonic LCAI 080/0350 I010 one4all 220-240 V 0/50/50 Hz”.

Uncertainties

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

Date of Test 11/10/2012  
Date of Report 12/10/2012

Authorised Signatory

E.Southgate

Accreditation & traceability

The laboratory is NATA accredited to ISO17025 : 2005 (details at [www.nata.asn.au](http://www.nata.asn.au)). The laboratory registration covers measurement and calculation of quantities indicated by \*. Uncertainties calculated for this sample are at the 95% confidence interval with coverage factor k = 2 for measured and calculated quantities. All measurements are traceable through the Australian National Measurement Institute to International standards.

In-Situ Report Template, Document revision 1.0, 12<sup>th</sup> Oct 2012



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