

LightLab  
INTERNATIONAL



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Accreditation No. 2258.

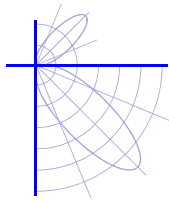
# Report of Test

## LL16968



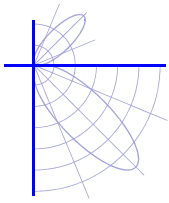
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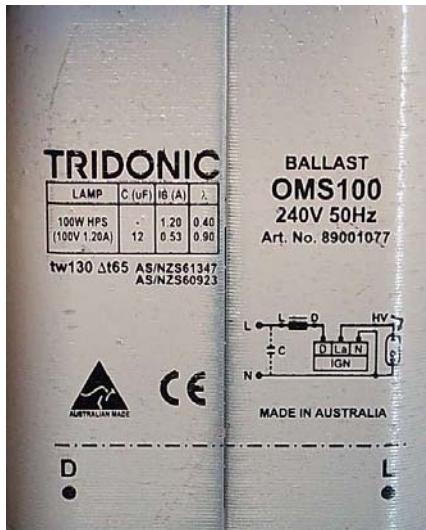
**Test Report Number LL16968**

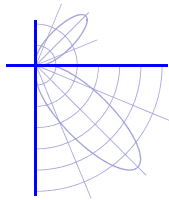
Client	Eye Lighting
Contact	Steve Hare
Address	15 Industrial Ave, Wacol. QLD. 4076.
Devices Tested	A 100 W EYE Lighting CERA ARC EX lamp and control gear,  Cat No.: Lamp: CMT100/EX/U. Ballast: Tridonic OMS100 240 V 50 Hz. Ignitor: Tridonic ZRM 2-ES/C. Capacitor: Vossloh Schwabe VSK25 526172 SH "D". Photocell: SST-240 10 Amps.
Nature of Tests	To determine the total circuit power of the supplied lamp and control gear 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	The sample was tested in free air with lamp horizontal 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





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**Test Results**

Supply Voltage (Vac)	Supply Frequency (Hz)	Supply Current (Aac)	Power Factor	Measured Total Circuit Power (W)
240.0	50.0	0.535	0.88	113.5

Table 1 – measurements

**Uncertainties**

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

Uncertainties are calculated at the 95% confidence interval with coverage factor k = 2.

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

Date of Test 20/09/2013

Date of Report 25/09/2013

Authorised Signatory

Kevin Monaghan

Lamp Circuit Power Template, Document revision 1.5, 24<sup>th</sup> Jun 2013