Report of Test

LL16969

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(Issuing laboratory)

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Client	Eye Lighting
Contact	Steve Hare
Address	15 Industrial Ave, Wacol. QLD. 4076.
Devices Tested	A 70 W EYE Lighting CERA ARC EX lamp and control gear. Cat No. Lamp: CMT70/EX/U. Ballast: Tridonic OMS70 240 V 50 Hz. Ignitor: Tridonic ZRM 2-ES/C. Capacitor: Vossloh Schabe 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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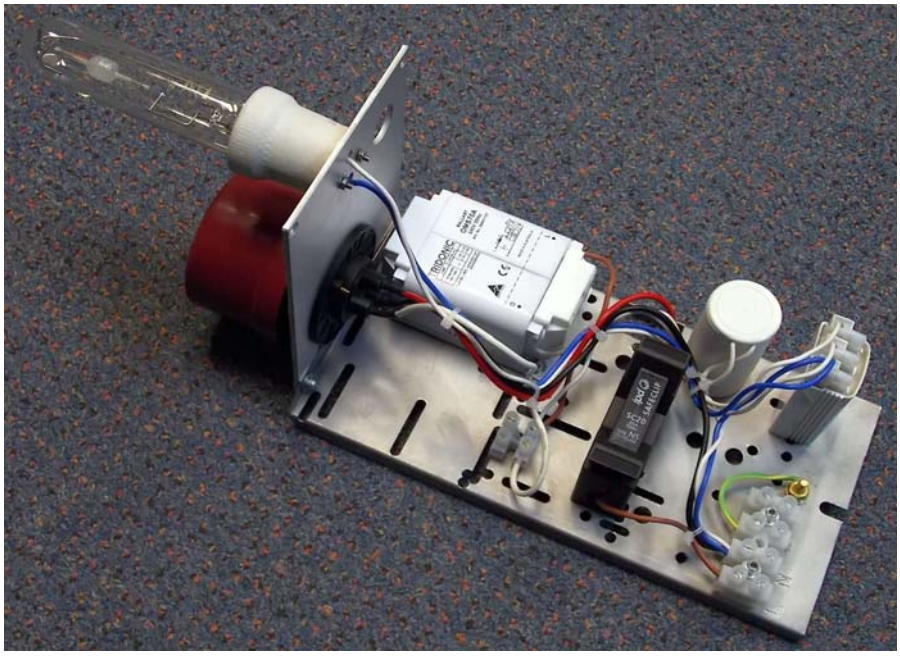
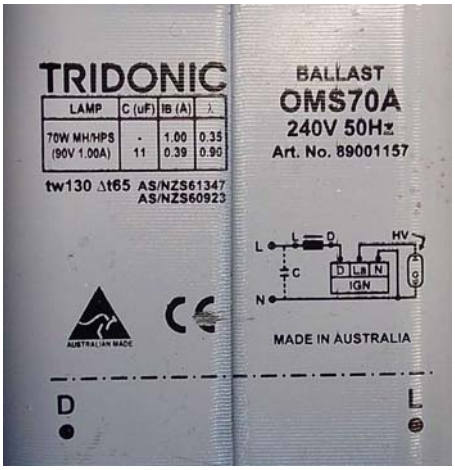
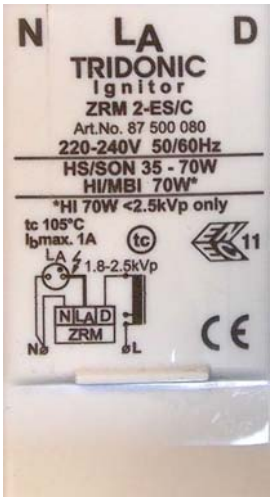
Photographs







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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	0.375	0.97	87.5

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 19/09/2013
Date of Report 24/09/2013

Authorised Signatory

K Monaghan

Kevin Monaghan

Lamp Circuit Power Template, Document revision 1.5, 24th Jun 2013

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