

## **Lamp Circuit Power Test Report**

Prepared By:	Peter Strainer	Report Number:	C14121
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Signature: PS- Report Date: 14-Oct-14

Reviewed By: Test Method Reviewed by Troy Field

**Customer:** Lamp Technology International Pty Ltd

Unit 18, 41-49 Norcal Road, Nunawading

VIC, 3131, Australia

Contact: Philip Leung

**Product Details** 

Description: LED Street Light

<u>Luminaire Brand:</u> GigaTera

<u>Luminaire Model:</u> Refer Table of Results on Page 2

External Driver Brand: N/A

External Driver Model: N/A

**Test Method** 

**Test Method:** 

As per AS/NZS 62301:2005 Clauses: 4.1, 4.2, 4.3, 4.4 & 4.5

**Test Equipment:** 

Power Supply: California Instruments 5001 LX - ID1881

Measuring Device: Voltech PM 1000+ ID1858/4 Calibration Date 24/4/14 Cert. No. 13EL-0414

**Device Conditioning & Measurements:** 

As per AS/NZS 62301:2005 Clauses: 5.1, 5.2 & 5.3.1

\*\* **Note**\*\* The test methods used to measure power and current are NATA approved methods. The Power Factor reported is a mathematical calculation not covered under the scope of NATA accreditation.



Accredited for compliance with ISO/IEC 17025

**Technical Competence** 

Accreditation No. 3637



## **Lamp Circuit Power (LCP) Test Results**

Luminaire	External Driver	Voltage (V)	Current (mA)	Power (W)	PF
MT130-B3S50ZG1S	N/A	240.0	562.6	132.6	0.982
WH 190-B33302G13	19/74	240.0	302.0	132.0	0.902
Giga	inera in the same of the same				
Model Name: 100-240V MT130-835502fs   Output Voltage : 46.0VDC == 2.6A   Power Factor Luminous Flux : 16,900lm   Luminous Effic Color Temperature : 5,028+283K   IP Rank: IPP6 Operating Temperature (Ta) : -30 - 60°C   PRODUCTION MONTHYEAR : 30.07.2   S/N: 1407300015   CAUTION : Ground connection wire should Otherwise, a negligent accident such as ele	-31-370-8866)  RICAL RATING: AC, 50/60Hz, Max, 1. 55A, 130W  20 9 Life Time: > 50,000 Hs siency: 130imW Color Rendering: > 80Ra  2014  C De connected. ctrical shock could be occurred.				



Luminaire	Driver	Voltage (V)	Current (mA)	Power (W)	PF
MT150-B3S50ZG1S	N/A	240.0	645.8	151.47	0.977
GigaTe	Ta T				
Output Voltage : 46 0/VDC == 3.04 Power Facto Luminous Flux: 19,500lm Color Temperature : 5,028 ± 233 X   IP Rank: I/PB Operating Temperature (Ta): -30 ~ 60 PRODUCTION MONTH/YEAR: 30.0 S/N: 1407300009 CAUTION: Ground connection wire should Otherwise, a neoligent accident such as elect	RICAL RATING:  (AC, 50/60Hz, Max. 1.9A, 150W  r: ≥ 0.9				