


Test Report No.: <i>Prüfbericht-Nr.:</i>	60373295 001	Order No.: <i>Auftrags-Nr.:</i>	252102631	Page 1 of 6 <i>Seite 1 von 6</i>
Client Reference No.: <i>Kunden-Referenz-Nr.:</i>	62014707	Order date: <i>Auftragsdatum:</i>	14-May-2020	
Client: <i>Auftraggeber:</i>	Aldridge Traffic Systems P/L 12-14 Leeds St, Rhodes, NSW 2138, Australia			
Test item: <i>Prüfgegenstand:</i>	Icell			
Identification / Type No.: <i>Bezeichnung / Typ-Nr.:</i>	TST			
Test specification: <i>Prüfgrundlage:</i>	Refer to page 2			
Date of receipt: <i>Wareneingangsdatum:</i>	14-May-2020	<p>Detailed photo documentation See photo document section of this report</p>  <p>Detaillierte Fotodokumentation Siehe Fotodokument dieses Berichts</p>		
Test sample No.: <i>Prüfmuster-Nr.:</i>	A002827663-001 to A002827663-010			
Testing period: <i>Prüfzeitraum:</i>	14-May-2020 to 21-May-2020			
Place of testing: <i>Ort der Prüfung:</i>	TUV Rheinland Australia Pty Ltd			
Testing laboratory: <i>Prüflaboratorium:</i>	TUV Rheinland Australia Pty Ltd			
Test result*: <i>Prüfergebnis*:</i>	Samples were submitted for measurement only, no compliance limits			
tested by / geprüft von:		reviewed by / kontrolliert von:		
05-Jun-2020 Sathvik Varma P. / Test Engineer		05-Jun-2020 Daniel Ngo / Reviewer		
Date <i>Datum</i>	Name / Position <i>Name / Stellung</i>	Signature <i>Unterschrift</i>	Date <i>Datum</i>	Name / Position <i>Name / Stellung</i>
				Signature <i>Unterschrift</i>
Other / Sonstiges:				
- Power consumption measurement at rated voltage for AEMO (Australian Energy Market Operator) at lab condition (Ambient (20±5)°C, Relative Humidity (45–75)%).				
Condition of the test item at delivery: <i>Zustand des Prüfgegenstandes bei Anlieferung:</i>		New sample, no damage		
<p>*Legend: P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested</p> <p>Legende: P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet</p>				
<p>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</p> <p><i>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</i></p>				

Test Report

General remarks:

1. This report shall not be reproduced, except in full.
2. Details in test data / test plan no. 252102631.
3. Reporting of results herein is in accordance with NATA recommendations taking into account U of M.
 - (a) For minimum limits - Where measurement is on the limit or above the limit it is deemed to comply. Where measurement is below the limit it is deemed not to comply.
 - (b) For maximum limits - Where measurement is on the limit or below the limit it is deemed to comply. Where measurement is above the limit it is deemed not to comply.
4. For reporting of results the estimated uncertainty for measurement taken into account at 95% confidence level.
5. This test report is based on assessment and tests applied to the specific test item(s) as submitted by the client.
6. TÜV Rheinland Australia disclaims any and all responsibility or obligation for any other item.
7. LCP test was conducted on 10 samples per requested schemes.

Description of the test item:

Test items are branded: **Aldridge Traffic Systems Pty Ltd**

Model / type number: **TST**; Rating: 230-240Vac 50Hz 2W. The product is PE cell used as lighting controller.

Uncertainty of equipment used:

Equipment	Equipment No.	Range used	Uncertainty	Calibration Due Date
Digital Power Meter Model: WT310	MEL-1464	Voltage: 150V-240V	±0.08V	09-Dec-2020
		Current: 0.1A	±0.0001A	
		Power: 23W	±0.05W	
		Power Factor: 1	±0.001pf	

Test procedure:

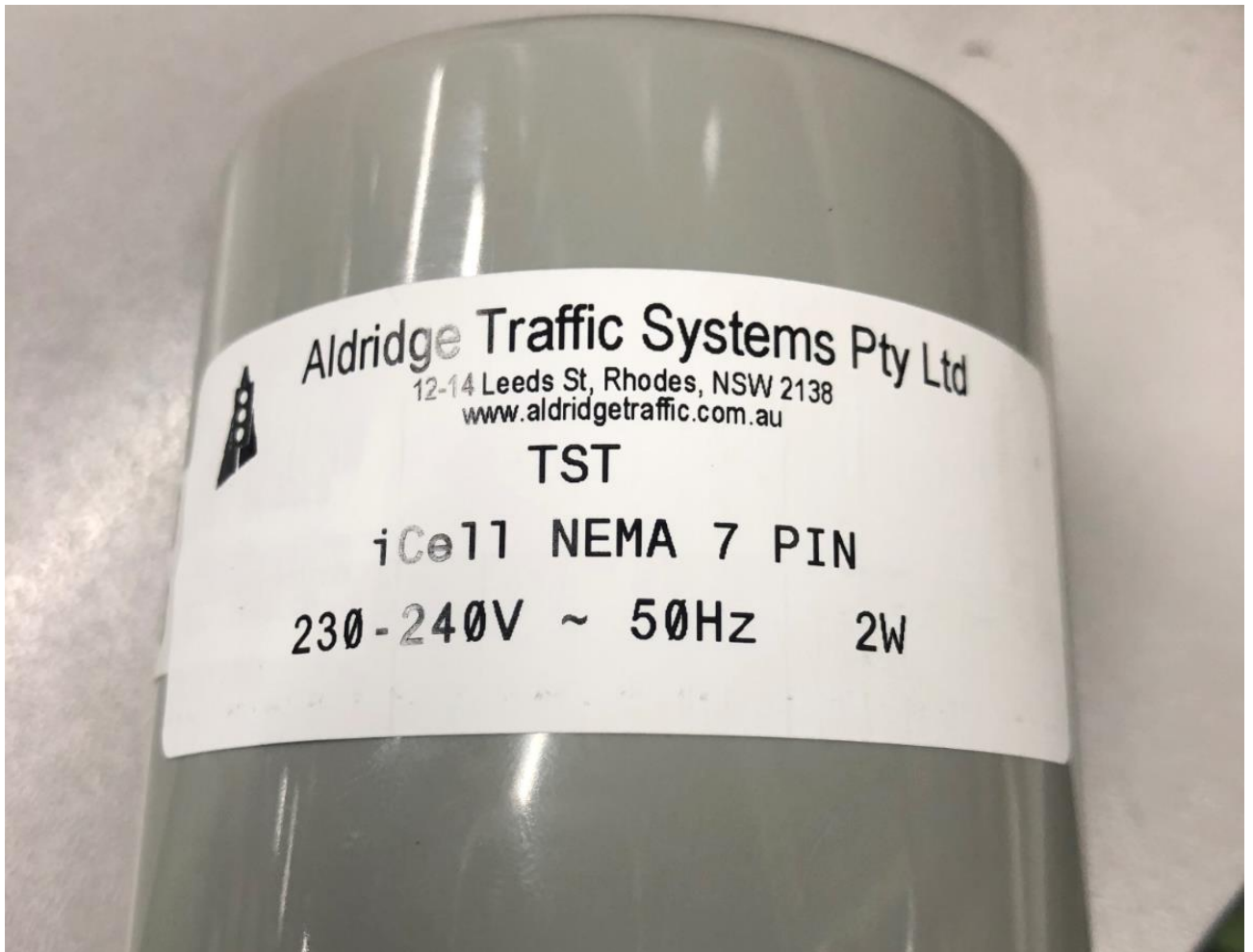
The submitted test samples for the AEMO power measurement were placed in a draught free room and at the laboratory condition (Ambient (20±5)°C, Relative Humidity (45–75)%) for 24 hours before and during the measurement.

The test samples were connected to the power source and supplied with voltage and frequency as listed in "TABLE: Power Measurement". The test samples were operated until the conditions of overall temperature equilibrium were established or at least 4 hours in stabilized operation with the supplied sources. Then the total power consumption measurements have been taken by power meter.

	Test Item	Supplied Voltage (V)	Frequency (Hz)	Measured Power (W)	Measured Current (mA)	Power Factor
1	TST	220	50	1.3920	19.759	0.3203
		230	50	1.4156	20.091	0.3063
		240	50	1.4565	19.979	0.3037
2	TST	220	50	1.3897	19.761	0.3196
		230	50	1.4289	20.142	0.3084
		240	50	1.4964	20.854	0.2989
3	TST	220	50	1.3835	19.639	0.3202
		230	50	1.4210	19.909	0.3102
		240	50	1.4670	20.407	0.2996
4	TST	220	50	1.0536	13.584	0.3524
		230	50	1.0894	13.586	0.3463
		240	50	1.1140	13.120	0.3537
5	TST	220	50	1.0583	14.345	0.3353
		230	50	1.0773	14.070	0.3329
		240	50	1.1056	13.717	0.3358
6	TST	220	50	1.2384	16.167	0.3481
		230	50	1.2440	15.527	0.3484
		240	50	1.2535	15.484	0.3373
7	TST	220	50	1.0325	14.841	0.3161
		230	50	1.0572	14.729	0.3120
		240	50	1.0813	14.355	0.3138
8	TST	220	50	1.0140	13.162	0.3502
		230	50	1.0574	14.315	0.3211
		240	50	1.0826	13.912	0.3242
9	TST	220	50	1.0578	14.695	0.3273
		230	50	1.0840	14.311	0.3292
		240	50	1.1073	14.309	0.3224

10	TST	220	50	1.0419	13.931	0.3399
		230	50	1.0819	14.074	0.3343
		240	50	1.0980	14.223	0.3217

Markings



Rating Label

Photos



Product Overview



Product Overview
End of the Test Report