SGS

Lamp Circuit Power Test Report

Prepared By:	Peter Strajner	**ECS Project No.:**	C14024
Signature:	*PS*	**Date Received:**	12-Mar-14
Reviewed By:	Test Method Reviewed by Troy Field		
Customer:	Versalux Pty Ltd 28 Edgerton Road, Mitcham Victoria, 3132, Australia	**Date of Test:**	18-Mar-14
Contact:	Ban Lee		

Product Details

Description:	LED Streetlight		
Luminaire Brand:	Versalux	**Sample Qty.:**	5
Luminaire Model:	Refer results table		
Driver Brand:	Phillips, TCI		
Driver Model:	Refer results table		
Product Code:	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
Mearuing Device: Voltech PM 1000+ ID1858/4 Calibration Date 22/2/12 Cert. No. 12EL-0324

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

NATA

Accredited for compliance with ISO/IEC 17025
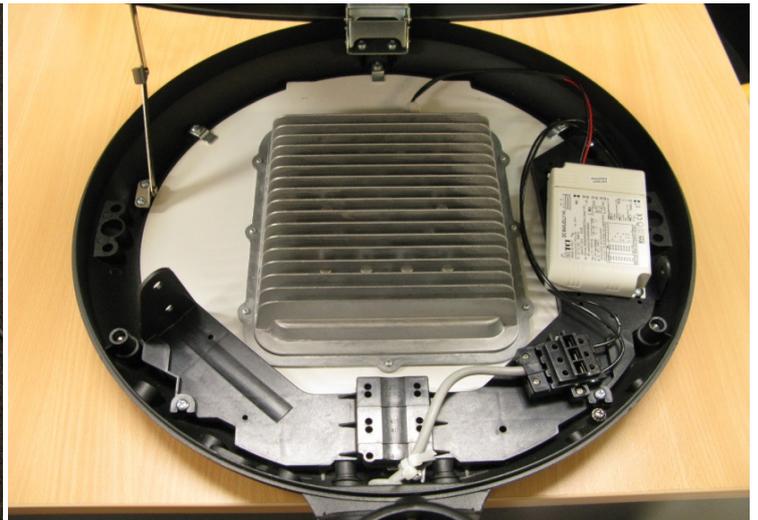**Technical Competence**
Accreditation No. 3637

Lamp Circuit Power (LCP) Test Results

Luminaire	Driver	Voltage (V)	Current (mA)	Power (W)	PF
Saturn LED 30 P 46W	TCI, DC Maxijolly HV	240.0	213.0	49.19	0.962
Saturn LED 30 A 46W	TCI, DC Maxijolly HV				
Starled 1 64LED 140W	Philips, Xitanium 150W 0.35-0.7A GL Prog+	240.0	615.3	143.76	0.974
Starled 1 32LED 70W	Philips, Xitanium 75W 0.35-0.7A GL Prog+	240.0	314.6	73.36	0.971
Starled 2 128LED 280W	Philips, Xitanium 150W 0.35-0.7A GL Prog+	240.0	1219	285.2	0.975
Starled 2 96LED 210W	Philips, Xitanium 75W 0.35-0.7A GL Prog+. Philips, Xitanium 150W 0.35-0.7A GL Prog+	240.0	895	208.9	0.972

Note: Saturn LED 30 P and Saturn LED 30 A are identical excpet for pole mounting, therefore Saturn LED 30 P was tested as a representative sample for both models.
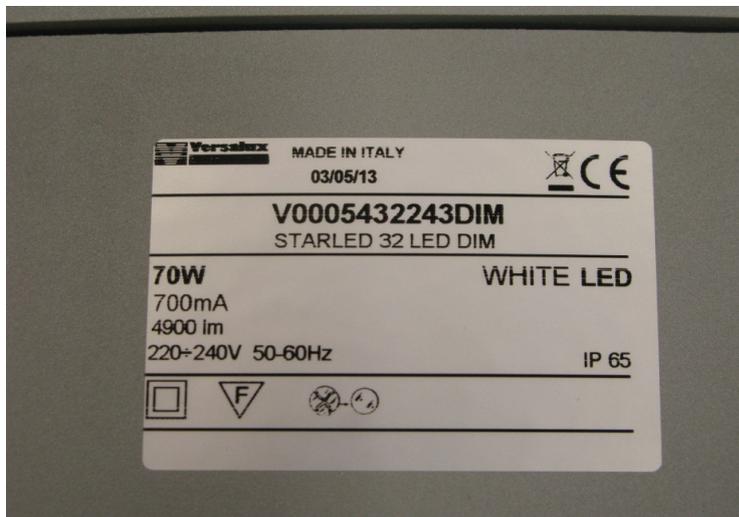
Photos

Saturn LED 30 P 46W

Starled 1 64LED 140W

Starled 1 32LED 70W

Versalux MADE IN ITALY
03/05/13

V0005432243DIM
STARLED 32 LED DIM

70W   **WHITE LED**
700mA
4900 lm
220÷240V 50-60Hz   IP 65

Starled 2 128LED 280W

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Starled 2 96LED 210W

Versalux MADE IN ITALY N2540 CE
28/10/13

V0005196243DIM
STARLED 2 96LED 210W DIM

210W   WHITE LED
700mA
19500 lm
220÷240V 50-60Hz   IP 65