



Test Report No.: <i>Prüfbericht - Nr.:</i>		19401428.001		Page 1 of 9 <i>Seite 1 von 9</i>	
Client: <i>Auftraggeber:</i>		Lightsense Australia Pty. Ltd. PO Box 613, West Perth, Western Australia, 6872			
Test item: <i>Gegenstand der Prüfung:</i>		LED street lights			
Identification: <i>Bezeichnung:</i>		Refer to page 2.		Serial No.: <i>Serien-Nr.:</i> N/A	
Receipt No.: <i>Wareneingangs-Nr.:</i>		1113004827		Date of receipt: <i>Eingangsdatum:</i> 28/09/2012	
Condition of test item at delivery: <i>Zustand des Prüfgegenstandes bei Anlieferung:</i>		Production sample			
Testing location: <i>Prüfört:</i>		TÜV Rheinland Australia Pty. Ltd. 4 - 6 Second Street, Bowden, South Australia, 5007			
Test specification: <i>Prüfgrundlage:</i>		-			
Test Result: <i>Prüfergebnis:</i>		-			
Testing Laboratory/ <i>Prüflaboratorium:</i>		TÜV Rheinland Australia Pty. Ltd. 4 - 6 Second Street, Bowden, South Australia, 5007			
Compiled by/ <i>zusammengestellt:</i>			Reviewed by/ <i>kontrolliert:</i>		
23/11/2012	Tuan Tran		23/11/2012	Carter Teh	
Datum <i>Date</i>	Name <i>Name</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name <i>Name</i>	Unterschrift <i>Signature</i>
Other Aspects/ <i>Sonstiges:</i>					
- Power consumption measurement at rated voltage for AEMO (Australian Energy Market Operator) at lab condition (Ambient 20±5°C, Relative Humidity 45–75%)					
Abkürzungen:			Abbreviations:		
P(ass) = entspricht Prüfgrundlage			P(ass) = passed		
F(ail) = entspricht nicht Prüfgrundlage			F(ail) = failed		
N/A = nicht anwendbar			N/A = not applicable		
N/T = nicht getestet			N/T = not tested		
This test report 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 safety mark on this or similar products.					
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.					

Revision 5.0

Test Report				
Test item particulars:				
Approx. Dimension (mm):	Length:	Width:	Height:	Approx. Mass (kg):
RL2P1056	690	350	80	9.9
RL2R1042	610	350	80	9.2
RL2R1028	560	350	80	7.9
RL2R1014	410	350	80	6.4
General remarks:				
<p>1. This report shall not be reproduced, except in full.</p> <p>2. Details in test data / test plan no. 1113004827.</p> <p>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.</p> <p>4. For reporting of results the estimated uncertainty for measurement taken into account (95%).</p> <p>5. This test report is based on assessment and tests applied to the specific test item(s) as submitted by the client. TÜV Rheinland Australia disclaims any and all responsibility or obligation for any other item.</p>				
Description of the test item:				
<p>1: Kingsun type RL2P1056, 120W LED street light, 120-277Vac, 700mA. 2: Kingsun type RL2R1042, 90W LED street light, 120-277Vac, 700mA. 3: Kingsun type RL2R1028, 60W LED street light, 120-277Vac, 700mA. 4: Kingsun type RL2R1014, 30W LED street light, 120-277Vac, 700mA.</p>				
Options/accessories/ancillary equipment:				
<p>The equipment was tested without any optional accessory installed. Hence, this report does not cover parameters that are influenced by the installation of optional accessory that might affect safety in the meaning of this standard.</p>				

TABLE: Power Measurement					
Test Item		Rated Voltage	Power measured (W)	Current measured (A)	PF
1	RL2P1056 (120W)	120V, 50Hz	124.9	1.05	1.00
		240V, 50Hz	123.1	0.53	0.97
		277V, 50Hz	123.5	0.47	0.95
	RL2P1056 with PE cell	120V, 50Hz	125.3	1.05	1.00
		240V, 50Hz	123.5	0.53	0.97
		277V, 50Hz	123.8	0.47	0.95
2	RL2R1042 (90W)	120V, 50Hz	98.3	0.83	0.99
		240V, 50Hz	97.5	0.43	0.96
		277V, 50Hz	98.0	0.38	0.93
	RL2R1042 with PE cell	120V, 50Hz	98.6	0.83	0.99
		240V, 50Hz	97.8	0.43	0.96
		277V, 50Hz	98.3	0.38	0.93
3	RL2R1028 (60W)	120V, 50Hz	65.5	0.55	0.99
		240V, 50Hz	65.6	0.30	0.92
		277V, 50Hz	66.3	0.27	0.89
	RL2R1028 with PE cell	120V, 50Hz	65.9	0.56	0.99
		240V, 50Hz	65.9	0.30	0.93
		277V, 50Hz	66.6	0.27	0.89
4	RL2R1014 (30W)	120V, 50Hz	34.1	0.29	0.99
		240V, 50Hz	34.2	0.16	0.91
		277V, 50Hz	34.3	0.15	0.85
	RL2R1014 with PE cell	120V, 50Hz	34.1	0.29	0.99
		240V, 50Hz	34.3	0.16	0.91
		277V, 50Hz	34.3	0.15	0.85

Rating label

Manufacture: Kingsun
RL2P1056
120-277V 120W 700MA
LSRA120 018
IP:65. LED—120W
IK:09
C-Tick No: N29966

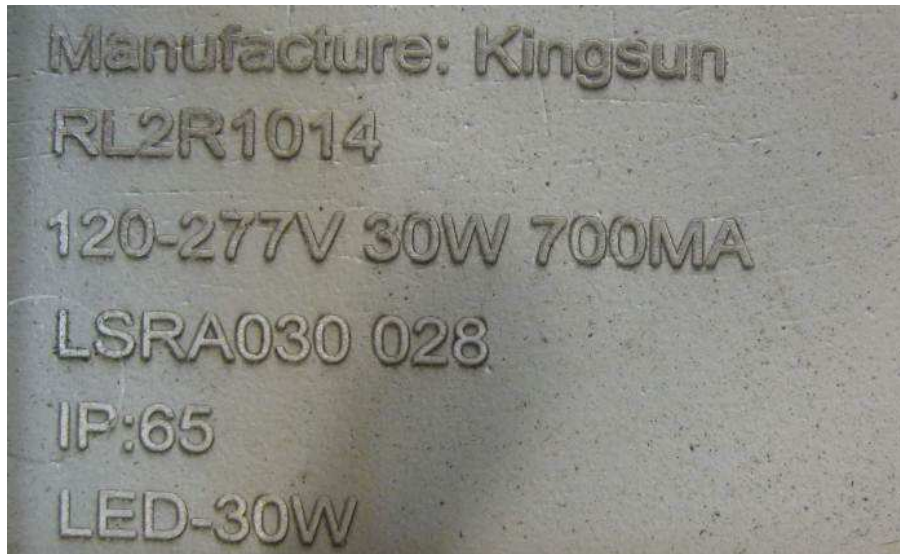
Kingsun type RL2P1056

Manufacture: Kingsun
RL2R1042
120-277V 90W 700MA
LSRA090 016
IP:65. LED-90W
IK:09
C-Tick No:N29966
Rmc No:T110926-S
I Table No:DP 10111-01

Kingsun type RL2R1042



Kingsun type RL2R1028

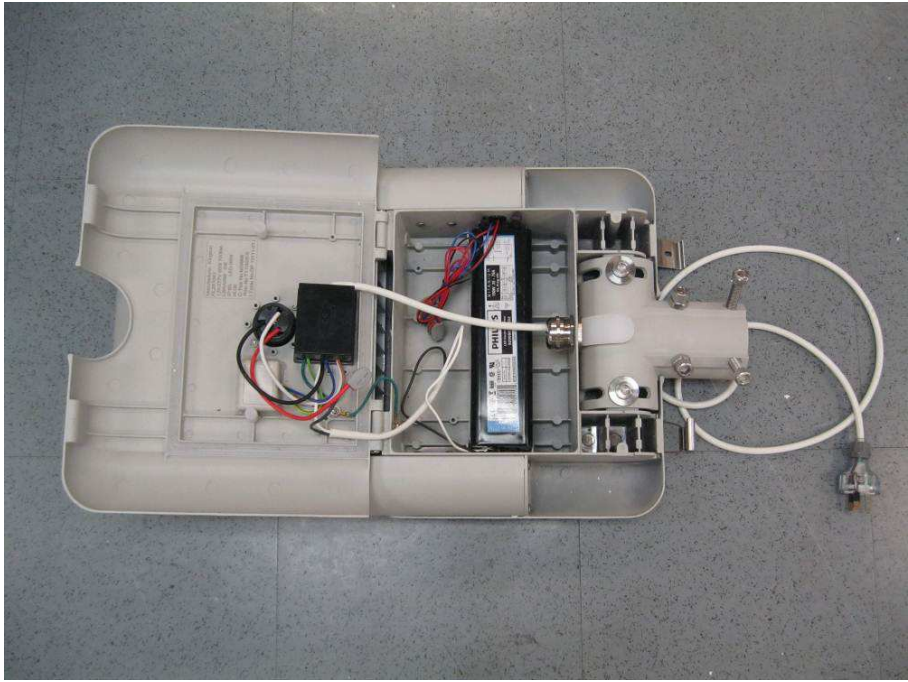


Kingsun type RL2R1014

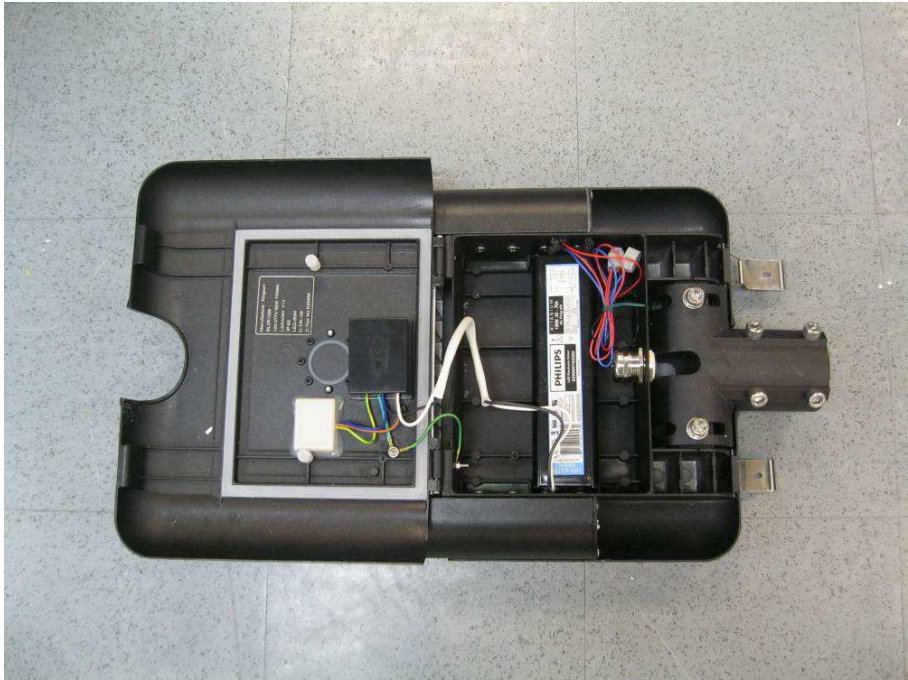
Photos



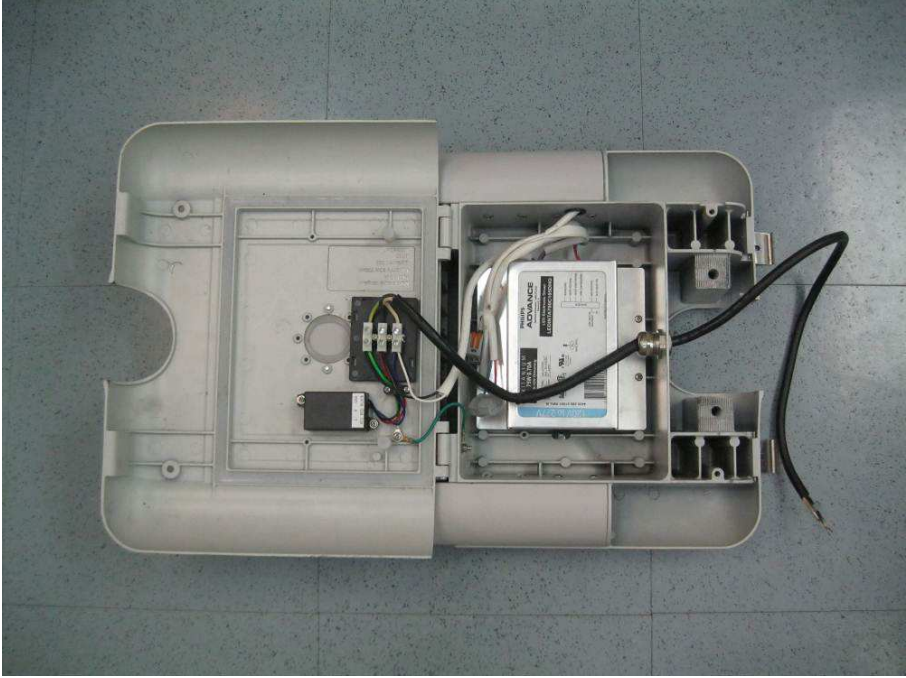
Kingsun type RL2P1056



Kingsun type RL2R1042



Kingsun type RL2R1028



Kingsun type RL2R1014

End of the Test report