
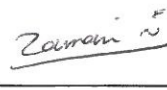


Test Report No.: <i>Prüfbericht - Nr.:</i>		19302095 001		Page 1 of 8 Seite 1 von 8	
Client: <i>Auftraggeber:</i>		WE-EF Lighting Pty Ltd 6/13 Downard Street, Braeside, VIC 3195, Australia			
Test item: <i>Gegenstand der Prüfung:</i>		VFL540 S70.BEAM 48 LED			
Identification: <i>Bezeichnung:</i>		(Refer page 2 herein)		Serial No.: Serien-Nr.: N/A	
Receipt No.: <i>Wareneingangs-Nr.:</i>		1113008189		Date of receipt: Eingangsdatum: 28/08/2015	
Condition of test item at delivery: <i>Zustand des Prüfgegenstandes bei Anlieferung:</i>		Production sample			
Testing location: <i>Prüfart:</i>		TÜV Rheinland Australia Pty. Ltd. 182 Dougharty Road, Heidelberg West, VIC 3081, Australia			
Test specification: <i>Prüfgrundlage:</i>		-			
Test Result: <i>Prüfergebnis:</i>		The item was supplied for results only with no compliance limits. Das Objekt wurde nur für Ergebnisse geliefert, ohne Konformitätsgrenzen.			
Testing Laboratory/ <i>Prüflaboratorium:</i>		TÜV Rheinland Australia Pty. Ltd. 182 Dougharty Road, Heidelberg West, VIC 3081, Australia			
Compiled by/ zusammengestellt:			Reviewed by/ kontrolliert:		
02/09/2015		Minhua Zhou / Test Engineer		09-Sep-2015	
		Fereshteh Zamani / 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 Aspects/ Sonstiges:					
- 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

Accredited for compliance
with ISO/IEC 17025
Technical Competence



ACCREDITATION No. 1700

Test Report				
Test item particulars:				
Model	Approx. Dimension (mm): LxWxH			Mass (kg)
VFL540 S70.BEAM 48 LED – 108W 4000K	710 x 300 x 100			9
Model description:				
1. LED Street Light – VFL540 S70.BEAM 48 LED – 108W 4000K;				
General remarks:				
1. This report shall not be reproduced, except in full. 2. Details in test data / test plan no. 1113008189. 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.				
Description of the test item:				
Trade name: WE-EF Lighting Pty Ltd ; Model / type number: VFL540 S70.BEAM 48 LED – 108W, 4000°K ; Rating: 240VAC, 50Hz, 108W, 0.48A, – IP66, Class I; The VFL540 S70.BEAM 48 LED – 108W 4000°K Light consists of Luminaire main body, internal LED Driver (929000709003) and LED module. Totally 12 X 4 of LED modules are mounted. It has supplied with external connection cord and plug for testing.				
Options/accessories/ancillary equipment:				
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.				
Uncertainty of equipment used:				
Equipment	Equipment No.	Range used	Uncertainty (%)	Calibration Due Date
Digital Power Meter Model: WT-310	MEL-1464	Voltage: 1.5V-600V	±0.4	03-Oct-2015
		Current: 20A	±0.5	
		Power: 100W	±0.5	
		Power Factor: 0.8 - 1	±0.8	

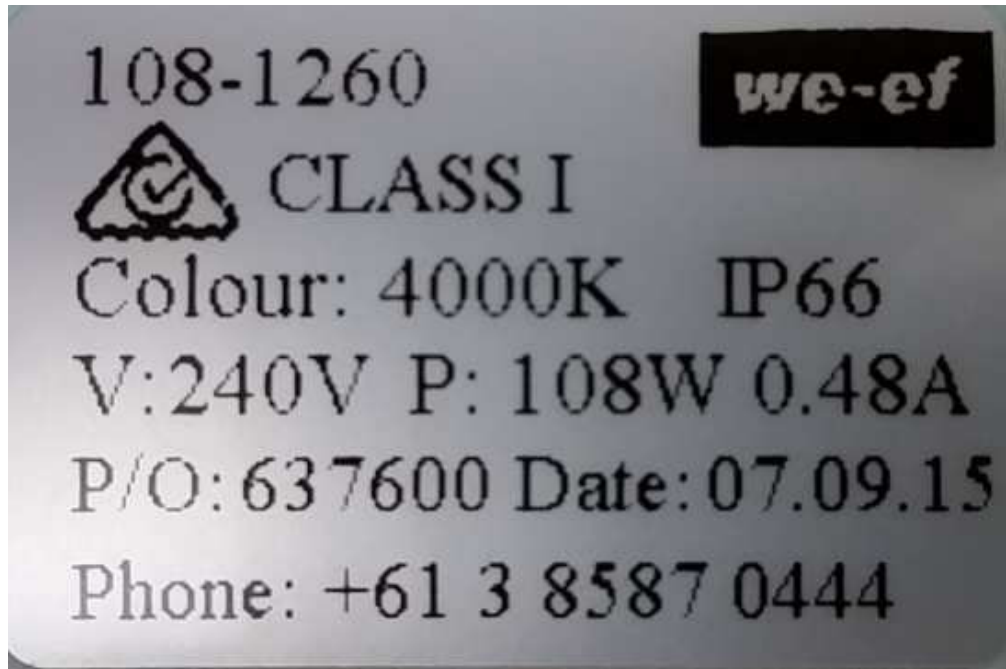
Test procedure:

The submitted test samples (consisted of the supplied lamp and control gear combination, if applicable) for the lamp circuit power consumption measurement were placed in a draught free room and at the laboratory condition (Ambient $20^{\circ}\text{C} \pm 5^{\circ}\text{C}$, 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.

	TABLE: Power Measurement				-
Test Item	Supplied Voltage (V)	Supplied Frequency (Hz)	Measured Power (W)	Measured Current (A)	Power Factor (PF)
VFL540 S70.BEAM 48 LED – 108W 4000K Sample No.: PT-1113008189-1-1	220	50	108.00	0.5517	0.9788
	230	50	108.08	0.5054	0.9718
	240	50	108.30	0.4683	0.9635

Marking



VFL540 S70.BEAM 48 LED – 108W 4000°K

Photo



Photo 1) VFL540 S70.BEAM 48 LED – 108W 4000°K top view



Photo 2) VFL540 S70.BEAM 48 LED – 108W 4000°K internal view



Photo 3) VFL540 S70.BEAM 48 LED – 108W 4000°K LED Driver



Photo 5) VFL540 S70.BEAM 48 LED – 108W 4000°K SurgeProtector

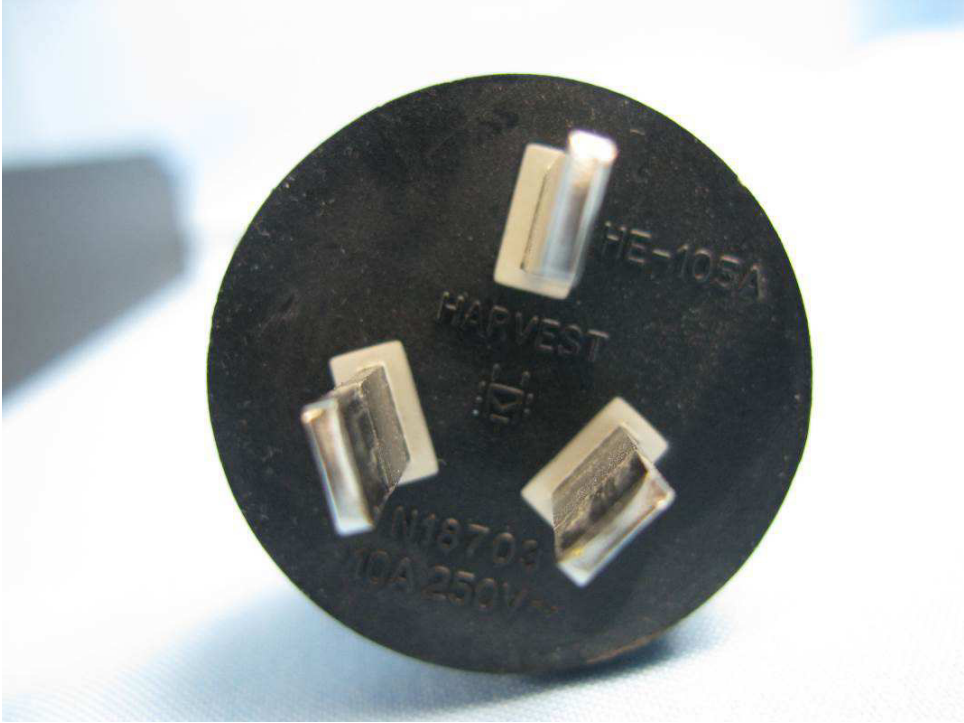


Photo 4) VFL540 S70.BEAM 48 LED – 108W 4000°K Plug

End of the Test Report