Test Report No.: *Prüfbericht-Nr.:*	**50296929 001**	**Order No.:** *Auftrags-Nr.:*	**252100563**	**Page 1 of 5** *Seite 1 von 5*
Client Reference No.: *Kunden-Referenz-Nr.:*	**463629**	**Order date:** *Auftragsdatum:*	**25-Sep-2019**	
Client: *Auftraggeber:*	**Pecan Lighting** 13/19 Heath St, Lonsdale, SA 5160, Australia			
Test item: *Prüfgegenstand:*	**Orbiter Mini LED**			
Identification / Type No.: *Bezeichnung / Typ-Nr.:*	**5747838530**			
Test specification: *Prüfgrundlage:*	**Refer to page 2**			
Date of receipt: *Wareneingangsdatum:*	**25-Sep-2019**	Detailed photo documentation See photo document section of this report		
Test sample No.: *Prüfmuster-Nr.:*	**A001002091-001**			
Testing period: *Prüfzeitraum:*	**25-Sep-2019 to 02-Oct-2019**			
Place of testing: *Ort der Prüfung:*	**TUV Rheinland Australia Pty Ltd**			
Testing laboratory: *Prüflaboratorium:*	**TUV Rheinland Australia Pty Ltd**			
Test result*: *Prüfergebnis*:*	**Samples were submitted for measurement only, no compliance limits**	Detaillierte Fotodokumentation Siehe Fotodokument dieses Berichts		

tested by / *geprüft von*:			**reviewed by** / *kontrolliert von*:		
08-Oct-2019	Yang Jiang / Test Engineer		08-Oct-2019	Daniel Ngo / Reviewer	
Date *Datum*	**Name / Position** *Name / Stellung*	**Signature** *Unterschrift*	**Date** *Datum*	**Name / Position** *Name / Stellung*	**Signature** *Unterschrift*

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: *Zustand des Prüfgegenstandes bei Anlieferung:*	**New sample, no damage**

* 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
Legende:	*P(ass) = entspricht o.g. Prüfgrundlage(n)*	*F(ail) = entspricht nicht o.g. Prüfgrundlage(n)*	*N/A = nicht anwendbar*	*N/T = nicht getestet*

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.
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.

Test Report

General remarks:

1. This report shall not be reproduced, except in full.
2. Details in test data / test plan no. 252100563.
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:

Test items are branded: **Louis poulsen**

Model / type number: **5747838530**; Rating: 230V, 50Hz, 39W, IP66.

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: WT310	MEL-1464	Voltage: 240V	±0.10	22-Oct-2019
		Current: 200mA	±0.20	
		Power: 46W	±0.20	
		Power Factor: 0.5 (lagging) – 0.5 (leading)	±0.50	

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±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 (A)	Power Factor
1	**5747838530**	220	50	34.40	0.1593	0.9837
		230	50	34.24	0.1522	0.9807
		240	50	34.27	0.1464	0.9778

Markings

Rating Label

Photos

Product overview

Product overview with lamp shade

End of the Test Report