

Measurement of Lamp Circuit Power for Luminaire

Prepared For

Shenzhen ULA1L Photoelectricity Co.,Ltd.

Unit A,5th Floor, Building A,Wanda Industrial District,Zhoushi Road,Langxin Community,Shiyan Street,Bao'an District,Shenzhen,Guangdong,China.

#Model: U-TRI-20W-B-MS


Report Type:	IPART Lighting Requirements Guide – Commercial Lighting V2.2 Lighting Requirements Guide – Home Energy Efficiency Retrofits V1.4 VEET - Version 1.3 –31 July 2020 (Reference: C/18//24088)
Reviewed By:	Hexy He <i>Hexy He</i>
Report Number:	R2DG201124800-10-2
Test Date:	2020-11-25 to 2020-11-27
Report Date:	2020-12-21
Approved by:	Bill Xiong / EE Engineer
Prepared By:	Bay Area Compliance Laboratories Corp. (Dongguan). No.12, Pulong East 1 st Road, Tangxia Town, Dongguan, Guangdong, China. Tel: +86-0769-86858888 Fax:+86-0769-86858588



1. General Information

Information of Final Products:

One test sample was in good condition and received on 2020-11-24, and used for testing.

#Model Number: U-TRI-20W-B-MS
 #Model Name: LED Tri-proof Light
 #Brand Name: 
 #Manufacturer: Shenzhen ULA1L Photoelectricity Co.,Ltd.
 #Rated Voltage: AC220-240V 50/60HZ
 #Rated Power: 20W
 Nominal CCT: 3000K
 #Driver Brand: OSRAM
 #Driver Model: ELEMENT40/220-240/350 D CS L

2. Test Equipment

Device	Manufacture	Model No	Serial No	Calibration date	Calibration due date
Digital power meter	YOKOGAWA	WT310	13398	2020-07-01	2021-06-30
Precision frequency power supply	ALL Power	APW-105N	970613	2020-03-10	2021-03-09

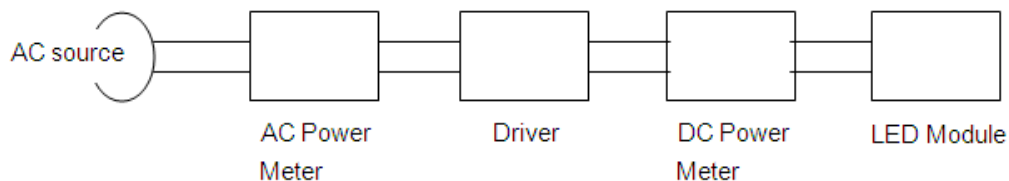
3. Test Standard

- IES LM-79-08 Electrical and Photometric Measurements of Solid-State Lighting Products
- IEC 62301:2011 Household electrical appliances – Measurement of standby power

4. Test Method

- Set up the test circuit according to the test circuit diagram below;
- Adjust the AC source to 230V/50Hz and operated for at least 30 minutes;

5. Test Circuit Diagram



6. Test Ambient

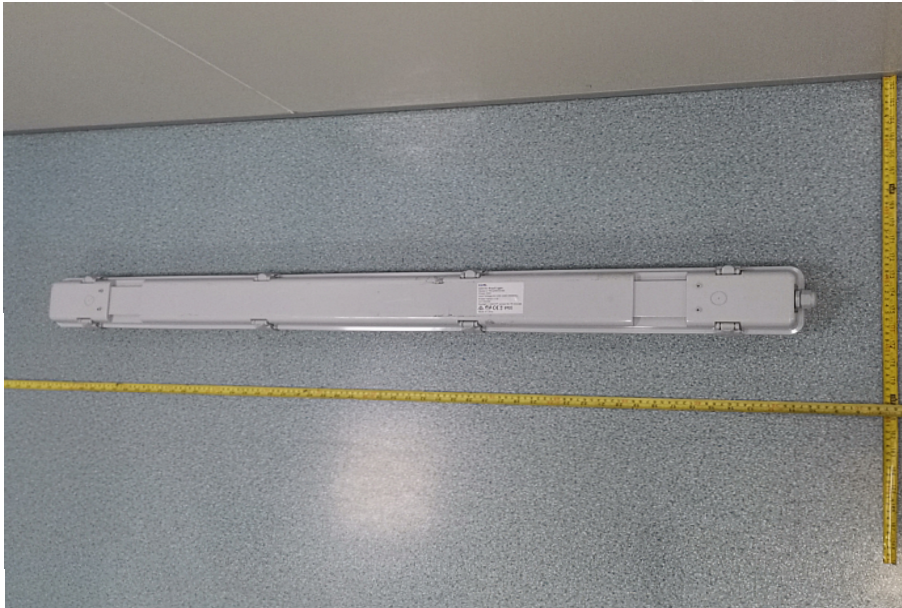
25.0°C, 50%RH

For model U-TRI-20W-B-MS, the lamp output were allowed to be stable conditions before measurements were taken.

7. Test Data

Model Number:		U-TRI-20W-B-MS					
Sample No.		R2DG201124800-S01					
Input					Output		
Voltage (V)	Frequency (Hz)	Current (A)	Wattage (W)	Power factor	Voltage (V)	Current (A)	Wattage (W)
230.1	50	0.1012	20.96	0.9003	N/A	N/A	N/A

8. Final Product Photo



UVA1L

LED Tri-Proof Light

Model:U-TRI-20W-B-MS

Power:20W

Input Voltage:AC 220~240V 50/60Hz

Power Factor:>0.9

CCT:3000K

Daylight + ON/OFF sensor for 15 minutes



IP65

Made in China

Directions

1. The information marked "superscript #" is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report.
2. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
3. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.
4. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.
5. This report cannot be reproduced except in full, without prior written approval of the Company.
6. This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

*****END OF REPORT*****