



Measurement of Lamp Circuit Power for Luminaire

Prepared For

Shenzhen Ul led lighting Photoelectricity CO.,ltd

1401-1402,Building A,Yonghuayuan,No.6 Baotian 2nd Road,Chentian Community,Xixiang Street,Baoan District,Shenzhen,Guangdong, China

Model: UL-PL30120-36W-TC

Report Type:	IPART Lighting Requirements Guide – Commercial Lighting V2.2 Lighting Requirements Guide – Home Energy Efficiency Retrofits V1.4 VEET - Version 2.0 –31 January 2023 (Reference: C/18//24088)
Reviewed By:	Ezer Pan <i>Ezer Pan</i>
Report Number:	DG5240229-10009E-EE-2
Test Date:	2024-03-12
Report Date:	2024-04-01
Approved by:	Blake Zhang / 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 2024-02-29, and used for testing.

Model Number: UL-PL30120-36W-TC
Model Name: LED Panel Light
Brand Name: ULA1L
Manufacturer: Shenzhen UI led lighting Photoelectricity CO.,Ltd
Rated Voltage: 200-240V,50/60Hz
Rated Power: 36W
Driver Brand: Lifud
Driver Model: LF-GIF040YS0900H

2. Test Equipment

Device	Manufacture	Model No	Serial No	Calibration date	Calibration due date
Digital power meter	YOKOGAWA	WT310	13398	2023-10-13	2024-10-12
Precision frequency power supply	ALL Power	APW-105N	970613	2023-09-02	2024-09-01

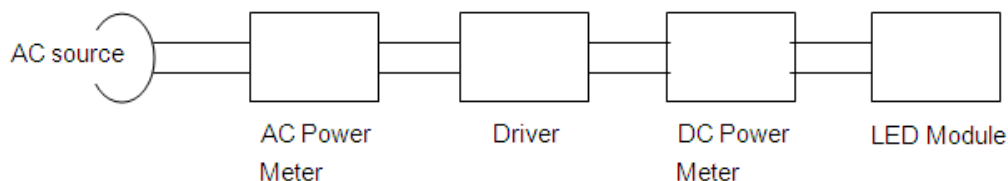
3. Test Standard

- 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

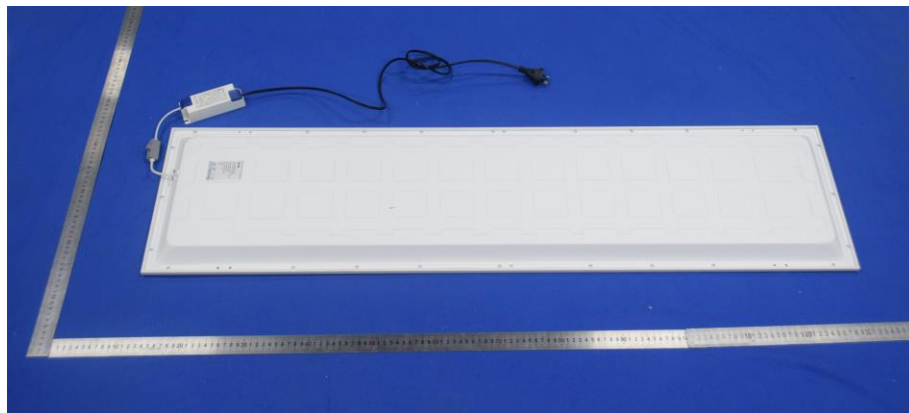
25.0°C, 50%RH

For model UL-PL30120-36W-TC, the lamp output was allowed to reach stable conditions before measurements were taken.

7. Test Data

Model Number:		UL-PL30120-36W-TC					
Sample No.		DG5240229-10009E-S01					
Input					Output		
Voltage (V)	Frequency (Hz)	Current (A)	Wattage (W)	Power factor	Voltage (V)	Current (A)	Wattage (W)
230.0	50	0.157	35.31	0.9777	N/A	N/A	N/A

8. Final Product Photo



UL1

LED PANEL LIGHT

Model:UL-PL30120-36W-TC

Input Voltage:220-240Vac 50/60Hz

Power:36W 130lm/W

CCT:4000K-5000K

Size:1195X295X35MM

Ra≥80 ta:40°C

PF>0.9

IP20



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 $K=2$ 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*****