

Test Report

For

Panhost Limited(Brand Name: **TRANSLEDER**)

15/F., Sang Woo Building, 227-228 Gloucester Road, Wanchai Hong Kong

LED Luminaire

Model name(s): TL165-V3-AS-06-D

Representative (Tested) Model: TL165-V3-AS-06-D

Model Different: All construction and rating are the same, except CCT

Test & Report By:

Garman Mo

Engineer: Garman Mo

Date: Jan.31,2018

Review By:

Univ Xie

Manager: Univ Xie

Note: 1.The results contained in this report pertain only to the tested samples.

2.This report does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

Laboratory: Standard-Tech Co. Ltd Testing Center**NVLAP CODE: 201011-0**

Report Format Number STD/QR4909-A/2

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1.1 Product Information:

Organization Name	Panhost Limited	
Brand Name	TRANSLEDER	
Model Number	TL165-V3-AS-06-D	
Description	N/A	
SKU (if available)	N/A	
Type of Luminaire (for integral lamps, list base type and lamp type)	LED Luminaire	
Rated Voltage / Frequency	250Vac, 50 Hz	
Nominal Power	165W	
Rated Initial Lamp Lumen	--	
Declared CCT	4000K	
LED Manufacturer	CREE	
LED Module	2x42PCS Cree LED Module	
Driver	ELG-200-48DA	
Sample Number	GZE1801059-D1-10	
Luminaire Aperture (for downlights)	--	in.
Luminaire Length	--	mm
Luminaires Width	--	mm
Number of Units (modular products)	N/A	s
Photo		
Front view		
		
LED driver		



Setup



1.2 Test Specifications:

Date of Receipt	Jan.23,2018
Date of Test	Jan.30,2018
Test item	1. Electrical Parameters
Reference Standard	1. IES LM-79-2008 Electrical and Photometric Measurements of Solid-State Lighting Products
Reference Work Instruction	QD25

1.3 Test Methods

The ten luminaires were operated at 25 °C ambient temperature in their normal operational orientation at 250VAC until the monitored luminaire stabilised as defined in IES LM79. Twenty readings were taken ten seconds apart and the average found. The average value is multiplied by the Calibration Correction given in the latest NATA endorsed calibration report then has Voltmeter losses subtracted based on Watt-meter input impedance and test voltage. The other nine luminaires having operated for the same or more time are switched one by one to Watt-meter for their twenty readings.

2.1 Electrical Measurements*(Refer to Work Instruction QD25)*

Test date	2018-01-30	Test Ambient:	25.2 °C
Test Orientation	As intended	Stabilization Time (h)	8
Model Number	TL165-V3-AS-06-D		

Conclusions

Test results are given in following Tables.

The Average Load (Watts) is 167.72W at 0.969 Power Factor.

Electrical Measurements:

GZE1801059-D1	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.000	691.0900	167.50	0.969
Min	250.000	691.0000	167.50	
Max	250.000	691.1000	167.50	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.013	691.0900	167.47	

GZE1801059-D2	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.000	694.7400	168.37	0.969
Min	250.000	694.4000	168.30	
Max	250.000	695.0000	168.40	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.013	694.7400	168.34	

GZE1801059-D3	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.000	692.6800	167.95	0.970
Min	250.000	692.6000	167.90	
Max	250.000	692.8000	168.00	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.013	692.6800	167.92	

GZE1801059-D4	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.000	691.5900	167.59	0.969
Min	250.000	691.2000	167.50	
Max	250.000	691.7000	167.60	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.013	691.5900	167.56	

GZE1801059-D5	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.000	693.4700	168.10	0.970
Min	250.000	693.4000	168.10	
Max	250.000	693.6000	168.10	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.013	693.4700	168.07	

GZE1801059-D6	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	249.900	690.0100	167.10	0.969
Min	249.900	690.0000	167.10	
Max	249.900	690.1000	167.10	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	249.912	690.0100	167.07	

GZE1801059-D7	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.000	690.5650	167.33	0.969
Min	250.000	690.4000	167.30	
Max	250.000	691.0000	167.40	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.013	690.5650	167.30	

GZE1801059-D8	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.000	689.5250	167.10	0.969
Min	250.000	689.4000	167.00	
Max	250.000	689.7000	167.10	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.013	689.5250	167.07	

GZE1801059-D9	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.000	696.0900	168.85	0.970
Min	250.000	695.8000	168.80	
Max	250.000	696.3000	168.90	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.013	696.0900	168.82	

GZE1801059-D10	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.000	692.0350	167.64	0.969
Min	250.000	691.9000	167.60	
Max	250.000	692.1000	167.70	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.013	692.0350	167.61	

Electrical operating parameters of TL165-V3-AS-06-D

Sample No.	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
GZE1801059-D1	250.013	691.0900	167.47	0.969
GZE1801059-D2	250.013	694.7400	168.34	0.969
GZE1801059-D3	250.013	692.6800	167.92	0.970
GZE1801059-D4	250.013	691.5900	167.56	0.969
GZE1801059-D5	250.013	693.4700	168.07	0.970
GZE1801059-D6	249.912	690.0100	167.07	0.969
GZE1801059-D7	250.013	690.5650	167.30	0.969
GZE1801059-D8	250.013	689.5250	167.07	0.969
GZE1801059-D9	250.013	696.0900	168.82	0.970
GZE1801059-D10	250.013	692.0350	167.61	0.969
Average	250.003	692.1795	167.72	0.969

3. Test Equipment

Equipment ID	Equipment Name	Last Calibration Date	Next Calibration Date
GO-R5000	Goniophotometer system	2017-07-01	2018-06-30
D908S	Standard Lamp	2017-07-12	2018-07-11
PF210	Power Meter for Goniophotometer	2017-07-07	2018-07-06
Expand Uncertainty: Photometric Measurement (Sphere):2.04%, k=2 Chromaticity Measurement(Sphere):28.8K, k=2 Photometric Measurement(Goniophotometer):2.36%, k=2			

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

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