

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): TL085-V3-NR-04-D

Representative (Tested) Model: TL085-V3-NR-04-D

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

Test & Report By:

Garman Mo

Engineer: Garman Mo

Date: Feb.02,2018

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


Address: Standard-Tech Building, No.6 Guanhong Road,Guangzhou Science City, Guangzhou 510663, China

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<http://www.standard-tech.com>

1.1 Product Information:

Organization Name	Panhost Limited	
Brand Name	TRANSLEDER	
Model Number	TL085-V3-NR-04-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	85W	
Rated Initial Lamp Lumen	--	
Declared CCT	4000K	
LED Manufacturer	CREE	
LED Module	1x42PCS Cree LED Module	
Driver	EUD-096S210BVA	
Sample Number	GZE1801059-F1-10	
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.31,2018
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.

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

Test date	2018-01-31	Test Ambient:	25.2 °C
Test Orientation	As intended	Stabilization Time (h)	8
Model Number	TL085-V3-NR-04-D		

Conclusions

Test results are given in following Tables.

The Average Load (Watts) is 86.49W at 0.967 Power Factor.

Electrical Measurements:

GZE1801059-F1	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.195	357.6400	86.50	0.967
Min	250.100	357.5000	86.47	
Max	250.200	357.8000	86.53	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.208	357.6400	86.48	

GZE1801059-F2	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.200	355.7474	86.08	0.967
Min	250.200	355.7000	86.05	
Max	250.200	355.8000	86.09	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.213	355.7474	86.06	

GZE1801059-F3	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.100	357.4300	86.39	0.966
Min	250.100	357.4000	86.38	
Max	250.100	357.5000	86.40	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.113	357.4300	86.38	

GZE1801059-F4	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.100	359.2950	86.92	0.967
Min	250.100	359.2000	86.90	
Max	250.100	359.3000	86.93	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.113	359.2950	86.90	

GZE1801059-F5	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.100	356.0350	86.02	0.966
Min	250.100	355.9000	85.99	
Max	250.100	356.1000	86.05	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.113	356.0350	86.01	

GZE1801059-F6	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.100	357.1500	86.41	0.967
Min	250.100	357.1000	86.40	
Max	250.100	357.2000	86.42	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.113	357.1500	86.40	

GZE1801059-F7	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.195	357.3000	86.42	0.967
Min	250.100	357.3000	86.39	
Max	250.200	357.3000	86.43	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.208	357.3000	86.41	

GZE1801059-F8	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.095	358.7350	86.74	0.967
Min	250.000	358.7000	86.71	
Max	250.100	358.8000	86.75	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.108	358.7350	86.73	

GZE1801059-F9	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.100	358.0000	86.48	0.966
Min	250.100	358.0000	86.47	
Max	250.100	358.0000	86.48	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.113	358.0000	86.47	

GZE1801059-F10	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.200	359.9000	87.09	0.967
Min	250.200	359.9000	87.08	
Max	250.200	359.9000	87.09	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.213	359.9000	87.08	

Electrical operating parameters of TL085-V3-NR-04-D

Sample No.	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
GZE1801059-F1	250.208	357.6400	86.48	0.967
GZE1801059-F2	250.213	355.7474	86.06	0.967
GZE1801059-F3	250.113	357.4300	86.38	0.966
GZE1801059-F4	250.113	359.2950	86.90	0.967
GZE1801059-F5	250.113	356.0350	86.01	0.966
GZE1801059-F6	250.113	357.1500	86.40	0.967
GZE1801059-F7	250.208	357.3000	86.41	0.967
GZE1801059-F8	250.108	358.7350	86.73	0.967
GZE1801059-F9	250.113	358.0000	86.47	0.966
GZE1801059-F10	250.213	359.9000	87.08	0.967
Average	250.152	357.7232	86.49	0.967

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 *******