

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): TL055-V3-NR-04-D

Representative (Tested) Model: TL055-V3-NR-04-D

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

Test & Report By:

Garman Mo

Engineer: Garman Mo

Date: Jan.29,2018

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	TL055-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	55W	
Rated Initial Lamp Lumen	--	
Declared CCT	4000K	
LED Manufacturer	CREE	
LED Module	1x42PCS Cree LED Module	
Driver	PHILIPS 75W	
Sample Number	GZE1801059-B1-10	
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.24,2018
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	2018-01-24	Test Ambient:	25.2 °C
Test Orientation	As intended	Stabilization Time (h)	8
Model Number	TL055-V3-NR-04-D		

Conclusions

Test results are given in following Tables.

The Average Load (Watts) is 55.11W at 0.944 Power Factor.

Electrical Measurements:

GZE1801059-B1	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.000	233.4600	55.16	0.945
Min	250.000	233.4000	55.14	
Max	250.000	233.8000	55.24	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.013	233.4600	55.15	

GZE1801059-B2	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.005	233.2350	55.12	0.945
Min	250.000	233.2000	55.11	
Max	250.100	233.3000	55.14	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.018	233.2350	55.11	

GZE1801059-B3	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.095	233.7150	55.16	0.944
Min	250.000	233.7000	55.14	
Max	250.100	233.8000	55.18	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.108	233.7150	55.15	

GZE1801059-B4	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.100	233.4000	55.08	0.944
Min	250.100	233.4000	55.07	
Max	250.100	233.4000	55.10	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.113	233.4000	55.07	

GZE1801059-B5	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.100	233.9300	55.06	0.941
Min	250.100	233.9000	55.05	
Max	250.100	234.0000	55.08	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.113	233.9300	55.05	

GZE1801059-B6	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.060	231.8950	55.11	0.951
Min	250.000	231.8000	55.10	
Max	250.100	231.9000	55.13	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.073	231.8950	55.10	

GZE1801059-B7	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.020	234.4000	55.20	0.942
Min	250.000	234.4000	55.19	
Max	250.100	234.4000	55.21	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.033	234.4000	55.19	

GZE1801059-B8	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.015	233.8100	55.14	0.943
Min	250.000	233.8000	55.11	
Max	250.100	233.9000	55.15	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.028	233.8100	55.13	

GZE1801059-B9	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.020	233.6200	55.08	0.943
Min	250.000	233.6000	55.07	
Max	250.100	233.7000	55.09	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.033	233.6200	55.07	

GZE1801059-B10	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.005	233.1300	55.11	0.945
Min	250.000	233.0000	55.09	
Max	250.100	233.2000	55.13	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.018	233.1300	55.10	

Electrical operating parameters of TL055-V3-NR-04-D

Sample No.	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
GZE1801059-B1	250.013	233.4600	55.15	0.945
GZE1801059-B2	250.018	233.2350	55.11	0.945
GZE1801059-B3	250.108	233.7150	55.15	0.944
GZE1801059-B4	250.113	233.4000	55.07	0.944
GZE1801059-B5	250.113	233.9300	55.05	0.941
GZE1801059-B6	250.073	231.8950	55.10	0.951
GZE1801059-B7	250.033	234.4000	55.19	0.942
GZE1801059-B8	250.028	233.8100	55.13	0.943
GZE1801059-B9	250.033	233.6200	55.07	0.943
GZE1801059-B10	250.018	233.1300	55.10	0.945
Average	250.055	233.4595	55.11	0.944

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 *******