

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): TL155-V3-NR-06-D

Representative (Tested) Model: TL155-V3-NR-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


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	TL155-V3-NR-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	155W	
Rated Initial Lamp Lumen	--	
Declared CCT	4000K	
LED Manufacturer	CREE	
LED Module	2x42PCS Cree LED LED Module	
Driver	ELG-200-48DA	
Sample Number	GZE1801059-C1-10	
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



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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	TL155-V3-NR-06-D		

Conclusions

Test results are given in following Tables.

The Average Load (Watts) is 158.10W at 0.967 Power Factor.

Electrical Measurements:

GZE1801059-C1	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.095	657.8474	159.02	0.967
Min	250.000	657.7000	159.00	
Max	250.100	658.1000	159.10	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.107	657.8474	158.99	

GZE1801059-C2	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.020	657.2550	158.82	0.967
Min	250.000	657.2000	158.80	
Max	250.100	657.4000	158.90	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.033	657.2550	158.79	

GZE1801059-C3	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.000	651.3300	157.38	0.966
Min	250.000	651.0000	157.30	
Max	250.000	651.5000	157.40	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.013	651.3300	157.35	

GZE1801059-C4	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.000	651.3450	157.33	0.966
Min	250.000	651.3000	157.30	
Max	250.000	651.4000	157.40	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.013	651.3450	157.31	

GZE1801059-C5	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.000	651.3450	157.33	0.966
Min	250.000	651.3000	157.30	
Max	250.000	651.4000	157.40	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.013	651.3450	157.31	

GZE1801059-C6	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	249.905	652.0400	157.40	0.966
Min	249.900	651.9000	157.40	
Max	250.000	652.2000	157.40	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	249.917	652.0400	157.38	

GZE1801059-C7	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.100	656.8300	158.79	0.967
Min	250.100	656.7000	158.70	
Max	250.100	657.0000	158.80	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.113	656.8300	158.76	

GZE1801059-C8	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.000	653.7550	158.00	0.967
Min	250.000	653.7000	158.00	
Max	250.000	653.8000	158.00	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.013	653.7550	157.98	

GZE1801059-C9	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.000	658.1250	159.13	0.967
Min	250.000	658.1000	159.10	
Max	250.000	658.2000	159.20	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.013	658.1250	159.11	

GZE1801059-C10	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
Average	250.000	654.1100	158.00	0.966
Min	250.000	654.1000	158.00	
Max	250.000	654.2000	158.00	
Calibration correction (see Clark Hess calibration report)	1.00005	1.0000	0.99985	
Final value	250.013	654.1100	157.98	

Electrical operating parameters of TL155-V3-NR-06-D

Sample No.	Supply Voltage (Vms)	Input Current (mAms)	Input Power(W)	Power Factor
GZE1801059-C1	250.107	657.8474	158.99	0.967
GZE1801059-C2	250.033	657.2550	158.79	0.967
GZE1801059-C3	250.013	651.3300	157.35	0.966
GZE1801059-C4	250.013	651.3450	157.31	0.966
GZE1801059-C5	250.013	651.3450	157.31	0.966
GZE1801059-C6	249.917	652.0400	157.38	0.966
GZE1801059-C7	250.113	656.8300	158.76	0.967
GZE1801059-C8	250.013	653.7550	157.98	0.967
GZE1801059-C9	250.013	658.1250	159.11	0.967
GZE1801059-C10	250.013	654.1100	157.98	0.966
Average	250.025	654.3982	158.10	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 *******

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