

CERTIFICATE OF CONFORMANCE

ISSUED BY THE TESTING LABORATORY OF GRAY MACKENZIE ENGINEERING SERVICES L.L.C.

Certificate No. : 38528
Date of Issue : 24-Aug-14

Gray Mackenzie Engineering Services L.L.C.

P.O. Box 32393, Shed 118 Al Jadaf, Dubai UAE
Tel. No. : 4 324 1380
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www.gmes.ae

Approved by

Signature

Name: A. Vijayasundaram

Client Name	: Intertek	Document No	: CVG-230, CAT-II-30, 02 Dec 2013
Appliance Description	: Tube Light Fitting	Client Reference	: 1104191
Model / Type	: TLX-PCPC 2X36WHF, IP65	Lab Reference	: JULGM43
Manufacturer	: Thornlux	Job No.	: 20516
Appliance Serial No.	: 004550350090814	17025 Data Sheet No.	: 7527
Testing Date	: 24-Aug-14	Laboratory Temp/Humidity	: 22 ± 3°C
Testing Procedure	: IEC-60598-1		

Sr. No.	Standard Clause No.	Brief Test Description	Measured Value	Remarks/UC
1	3.2	MARKING: <i>Marking shall be distinct and durable:</i> <i>Height of Graphical Symbol:</i> <i>Rated Wattage:</i> <i>Shape of Cool Beam Lamps:</i> <i>Symbol for Bowl Mirror Lamp:</i> <i>Marking of "Replace Any Cracked Protective Shield":</i> <i>Manufacturer's Name:</i> <i>Rated Voltage:</i> <i>(Where Applicable) Symbol for Class II:</i> <i>(Where Applicable) Symbol for Class III:</i> <i>Model No:</i> <i>Termination shall be clearly marked:</i>	Yes N/A 2x36W N/A N/A N/A Thornlux 220/240V N/A N/A TLX-PCPC2X36WHFIP65 Yes	PASSED
2	7.2.1	PROVISION FOR EARTHING: <i>Earth Bonding Resistance.</i>	N/A	Not Applicable
3	9.3	HUMIDITY TEST: <i>Test has been carried out at 91% to 95% at temperature 25°C.</i>	No Failure	PASSED
4	10.2	INSULATION RESISTANCE & ELECTRIC STRENGTH: <i>Insulation Resistance:</i> <i>Electric Strength:</i>	>299MΩ No Breakdown	PASSED
5	10.3	LEAKAGE CURRENT/TOUCH CURRENT: <i>Touch current has been measured.</i>	0.01mA	PASSED
6	12.4	THERMAL TEST: (normal use) <i>Body:</i> <i>Lamp Holder:</i>	2.6°C 5.1°C	PASSED



جراي ماكزى للخدمات الهندسية (ش.ذ.م.م.)
Gray Mackenzie Engineering Services L.L.C.

ص.ب. ٣٢٣٩٣، دبي
الإمارات العربية المتحدة
تليفون: ٠٠ ٩٧١ ٤ ٣٢٤١٣٨٠
فاكس: ٠٠ ٩٧١ ٤ ٣٢٤١٣٨٤
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7	13.2.1	RESISTANCE TO HEAT: Ball Pressure Apparatus has been placed with temperature of 125°C of current carrying parts and 75°C of other parts.	No Failure	PASSED
8	SASO	ESSENTIAL REQUIREMENTS: Rated Voltage: 220/240V Rated Frequency: 50/60Hz Plug: N/A Country of Origin: UAE Instruction Manual: N/A		PASSED

The reported Expanded Uncertainty of measurement is \pm As above with a coverage factor $K = 2$, assuming a normal distribution at a level of confidence of 95%. The standard uncertainty of measurement has been determined in accordance with ISO 17025 Requirements.

Comment(s)

- The quoted Uncertainty refers only to the measured value and does not carry any implication regarding the long term stability of the Appliance.

Testing Reference Standard:

The Appliance has been Tested against:

- PAT, Model No: 6500, Serial No: RO1273028
- Insulation Tester, Model No: 3455, Serial No: 100310385

Analyst

Signature

Name : Waqar Ahmad



End of Certificate

Note 1. The Clients are requested to collect their samples within 30 days of issuance of test certificates. Due to limited storage space, GMES can not store the samples for long time and reserves the rights to dispose off the samples. GMES will not entertain any sample claim after 30 days from issuance of test certificates.

Note 2. This certificate is issued in accordance with the requirements of ISO 17025. It provides traceability of measurements to recognised national / international Standards and to units of measurements realized to recognised national / international standard laboratories. This certificate may not be reproduced, except in full, without prior written approval of the laboratory.

GMES/LAB/FRM-09, REV 2, Jun 2012

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