



جراي ماكزني 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
P.O. Box: 32393 Dubai
United Arab Emirates
Tel : 00 971 4 3241380
Fax : 00 971 4 3241384
E-Mail : mail@gmes.ac

CERTIFICATE OF CONFORMANCE

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

Certificate No. : 38709
Date of Issue : 14-Sep-14

Gray Mackenzie Engineering Services L.L.C.

Approved by

P.O. Box 32393, Shed 118 Al Jadaf, Dubai UAE

Signature

Tel. No. : 4 324 1380

Name:

Fax : 4 324 1384

A. Vijayasundaram

www.gmes.ac

Client Name : Intertek
Appliance Description : Ceiling Light Fitting
Model / Type : TLX-DPRC
Manufacturer : Thornlux
Appliance Serial No. : 0057401600310814
Testing Date : 14-Sep-14
Testing Procedure : IEC-60598-1

Document No : CVG-230, CAT-II-30, 02 Dec 2013
Client Reference : 1116354
Lab Reference : SEPGM10
Job No. : 20598
17025 Data Sheet No. : 7708
Laboratory Temp/Humidity : 22 ± 3°C

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 4x14W N/A N/A N/A Thornlux 220-240V N/A N/A TLX-DPRC 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)	Internal Wiring: 70°C Lamp Holder: 59°C	PASSED

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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 recognized national / international standard laboratories. This certificate may not be reproduced, except in full, without prior written approval of the laboratory.