

CERTIFICATE OF CONFORMANCE

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

Certificate No. : 37956
 Date of Issue : 05-Jun-14

Gray Mackenzie Engineering Services L.L.C.

Approved by

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Signature
 Name: A. Vijayasundaram

Client Name : Intertek Appliance Description : Ceiling LED Light Fitting Model / Type : TLX-5003 4x11W LED Manufacturer : Thornlux Appliance Serial No. : 00120250130414 Testing Date : 05-Jun-14 Testing Procedure : IEC-60598-1	Document No : CVG-230, CAT-II-30, 2 Dec 2013 Client Reference : 1086557 Lab Reference : MAYGM03 Job No. : 20356 17025 Data Sheet No. : 6975 Laboratory Temp/Humidity : 22 ± 3°C
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Sr. No.	Standard Clause No.	Brief Test Description	Measured Value	Remarks/UC
1	3.2	MARKING: <i>Marking shall be distinct and durable:</i> Height of Graphical Symbol: N/A Rated Current: 4x11W Shape of Cool Beam Lamps: N/A Symbol for Bowl Mirror Lamp: N/A Marking of "Replace Any Cracked Protective Shield": N/A Manufacturer's Name: Thornlux Rated Voltage: 220/240V (Where Applicable) Symbol for Class II: N/A (Where Applicable) Symbol for Class III: N/A Model No: TLX-5004x11WLED Termination shall be clearly marked: Yes		PASSED
2	7.2.1	PROVISION FOR EARTHING: Earth Bonding Resistance.	N/A	Not Applicable
3	9.3	HUMIDITY TEST: Test has been carried out at 91% to 95% at temperature 25°C.	No Failure	PASSED
4	10.2	INSULATION RESISTANCE & ELECTRIC STRENGTH: Insulation Resistance: >299MΩ Electric Strength: No Breakdown		PASSED
5	10.3	LEAKAGE CURRENT/TOUCH CURRENT: Touch current has been measured.	0.01mA	PASSED
6	12.4	THERMAL TEST: (normal use) Body: 0.6°C Internal Wiring: 1.3°C Lamp Holder: 2.7°C		PASSED

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7	SASO	ESSENTIAL REQUIREMENTS: Rated Voltage: Rated Frequency: Plug: Country of Origin: Instruction Manual:	220/240V 50/60Hz N/A UAE N/A	PASSED
8	19 IEC-62031	RESISTANCE TO CORROSION: The requirement of IEC-61347-1, clause 19 applies.	N/A	Not Applicable
9	16 IEC-62031	CREEPAGE DISTANCES AND CLEARANCES:	As Per Standard	PASSED
10	15 IEC-62031	CONSTRUCTION: Wood, cotton, silk and similar materials are not used for insulation.	As Per Standard	PASSED
11	13 IEC-62031	FAULT CONDITIONS: Overpower condition. Power monitored at input side and increased until 150% of rated voltage noted the temperature rise for 1 hour.	N/A	Not Applicable
12	18 IEC-62031	RESISTANCE TO HEAT, FIRE, AND TRACKING: Ball pressure and glow wire tests have been carried out.	No Failure	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 :


 Vijji Pitta



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.