



EC DECLARATION OF CONFORMITY

We herewith declare,

THE MANUFACTURER

that the following described Luminaries complies with the appropriate basic safety and health requirements of the Low Voltage Directive 73/23/EEC based on its design and type, as brought into circulation by us. In case of alteration of the machine, not agreed upon by us, this declaration will lose its validity.

Description of Product : MONO TOTEM, TOTEM, LEDA MAGNETIC TOTEM, BEST BUY LEDBOX, WEATHERPROOF SMART LEDBOX, LOCKABLE WEATHERPROOF SMART LEDBOX, CONVEX LEDBOX, SMART LEDBOX, IDEAL LEDBOX, MAGNETIC LEDBOX, ACRYLED, WINDPRO WITH LED.

Applicable Directives : 2006/95/EC Low Voltage Directive.
2004/108/EC Electromagnetic compatibility.

Applicable Harmonized Standards : EN 60598-1: 2005

Date : 27 February 2009

Title of Signatory : General Manager

Company Stamp :

A handwritten signature in blue ink is written over the 'Company Stamp' label. The signature is cursive and appears to read 'Christoph Kuller'.

TEST REPORT

Report No: 20090228-05

FIRM NAME : THE MANUFACTURER

OBJECT OF EXPERIMENT : MONO TOTEM, TOTEM, LEDA
MAGNETIC TOTEM, BEST BUY
LEDBOX, WEATHERPROOF SMART
LEDBOX, LOCKABLE WEATHERPROOF
SMART LEDBOX, CONVEX LEDBOX,
SMART LEDBOX, IDEAL LEDBOX,
MAGNETIC LEDBOX, ACRYLED,
WINDPRO WITH LED.

Applied Experiment : Leak Path Length and Surface Interval
Test Isolate.

Description of experiment : Connector on the feed surface leakage
path length, the electric connector section
can be accessed until any metal parts, in
isolated interval; input supply can be
accessed with conductive metal part in the
largest cross-section that is accessible from
the bare metal conductor section to be
measured.

Testing Equipment : ---
Product Serial Number : ---
Related Documents : EN 60598-1

Voltage Value	Expected Path Length of Surface Leakage	Superficial measured Fugitive Road	Result	
			Pass	Fall
500 V	3 mm	5,2 mm	✓	

Phases	Expected Value	Measured value	Result	
			Pass	Fall
500 V	3 mm	3,2 mm	✓	

Verification : Experimental results measured in length and isolated
surface leakage path interval values, must not be
lower than expected value.

Result : Leakage path length of the measured surface
5.2 mm, isolated range is have been identified as
3.2 mm. Result is positive.

Please contact The Manufacturer for original test reports.

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- OBJECT OF EXPERIMENT** : MONO TOTEM, TOTEM, LEDA
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WEATHERPROOF SMART LEDBOX,
LOCKABLE WEATHERPROOF SMART
LEDBOX, CONVEX LEDBOX, SMART
LEDBOX, IDEAL LEDBOX, MAGNETIC
LEDBOX, ACRYLED, WINDPRO WITH LED.
- Applied Experiment** : Continuity of Protective Connection Circuit.
- Description of experiment** : The 10 A current in connection with
protective circuit voltage drop test is
performed for the measurement.
- Testing Equipment** : METREL MI-270
- Product Serial Number** : ---
- Related Documents** : EN 60598-1

The young conductor cross sectional area (m2)	Expected Maximum voltage drop	Measured the voltage fall	Result	
			Pass	Fall
0,75	3,3 V	0,21 V	✓	

- Verification** : Connection of circuit protective device should be
visible inspection. Whether the measured voltage
value of the desired should be gradient control.
- Result** : Secure way to transfer the longest and the application
is damaged during points 10 A current is applied.
0.75 mm² conductor cross-section area of the smallest
0.21 V as measured voltage drops were measured.

Result is positive.

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- Applied Experiment** : Insulation Resistance Test.
- Description of experiment** : This phase ends with the end of the test between the ground 10 seconds by applying 500 V DC voltage performed. Resistance between value should not increase 2 M Ω .
- Testing Equipment** : METREL MI-270
- Product Serial Number** : ---
- Related Documents** : EN 60598-1

Phases	Expected Value	Measured value	Result	
			Pass	Fall
L1-PE	$\geq 2 \text{ M}\Omega$	20 M Ω	✓	
N-PE	$\geq 2 \text{ M}\Omega$	20 M Ω	✓	

- Verification** : Between the resistance value should not increase 2 M Ω .
- Result** : All electrical resistance measured terminals were installed and as a result 20 M Ω resistance have been obtained.

Result is positive.

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- Applied Experiment** : High Voltage Test.
- Description of experiment** : This test circuit between conductors
1500 V AC voltage is applied for a period
of 60 seconds to check the resistance of
the test product.
- Testing Equipment** : METREL MI-270
- Product Serial Number** : ---
- Related Documents** : EN 60598-1

Phases	Expected Value	Measured value	Result	
			Pass	Fall
L1-PE	1500 V AC	60 sn	✓	
N-PE	1500 V AC	60 sn	✓	

- Verification** : After high voltage is applied, the device is visible in the physical deformation and work any problems that should be checked.
- Result** : 1500 V AC applied electric terminals installed, and did not damage.

Result is positive.

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Applied Experiment : Leakage Current Test.

Description of experiment : This test phase line of devices - and the
neutral line between land lines - land lines
between the current measured values are
carried out.

Testing Equipment : METREL MI-270

Product Serial Number : ---

Related Documents : EN 60598-1

Phases	Expected Value	Measured value	Result	
			Pass	Fall
L1-PE	≤1 mA	0,08 mA	✓	
N-PE	≤1 mA	0,08 mA	✓	

Verification : Phase Line - the line between earth and neutral
line - land line between the measured value of
1.0 mA of current should not be greater.

Result : Electricity is installed in the terminal to the
measurements obtained results on the leakage
current value was 1 mA.

Result is positive.

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Applied Experiment : Stress Test.

Description of experiment : Devices to total 168 hours each of the subsequent 24 hours of each other are exposed to 7 cycles. Each cycle of the first 21 hour supply voltage is applied, while the rest is left to rest the last 3 hours on the device.

Testing Equipment : ---

Product Serial Number : ---

Number of Cycle	First period	Rest period	Result	
			Pass	Fall
1	21 h	3 h	✓	
2	21 h	3 h	✓	
3	21 h	3 h	✓	
4	21 h	3 h	✓	
5	21 h	3 h	✓	
6	21 h	3 h	✓	
7	21 h	3 h	✓	

Verification : No part of the experiment after the application of the device should not lose functionality. Equipment of the tests after every read Labels must not lose.

Result : Deformation is seen on the device. Result is positive.

Please contact The Manufacturer for original test reports.

Test Certificate

Tests Conducted By:

On Behalf Of: Jackson, Delta House, Cannock Way, Wolverhampton, WE1 2ES

Site: SITE 1

Location: LOC.1

Description: Illuminated Display

TestCode: 11C7003021 S1211111111

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Status</u>
Visual			Pass
Earth Current	25	A	Information
Earth		Ohm	Pass
Insulation	>99.99	MOhm	Pass
Leakage	<0.1	mA	Pass
Load	<0.05	kVA	Information

Overall Status: Pass

Test Instrument Seaward Supernova Plus W23-0741

Tested By: User 3

Signed By:





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