

TEST REPORT

IP 44 Commission test

Report No.:

MTCGZLV1112190433LM



MTC Product Testing Service Co., LTD.

7th Floor, Information Building, No.111, Science road, Science city, GuangZhou, Guangdong, China



REPORT NO.: MTCGZLV1112190433LM

MTC Product Testing Service Co., LTD.
 OPERATE ACCORDING TO ISO/IEC 17025

TEST REPORT

Report reference No.	: MTCGZLV1112190433LM
Tested by (printed name and signature)	: 
Approved by (printed name and signature)	: 
Date of issue	: Aug, 27, 2013
Content of report.....	: 5
Testing Laboratory Name	: MTC Product Testing Service Co., LTD.
Address	: 7th Floor, Information Building, No.111, Science road, Science city, GuangZhou, Guangdong, China
Applicant's Name	: NEWSTAR LED CO., LIMITED
Address	: 7/F, Block A, YuShan Industrial Park, Songbai Road, ShiYan Town, Bao'An, ShenZhen, China, 518108
Samples Description.....	: LED panel lamp
Trademark	: ---
Model and/or type reference	: NSP-S0606
Rating(s).....	: 90-265V~, 50/60Hz, Max. 48W, LED, 6500K, Class II.
Test specification:	
Test requested:.....	: IP44 Test According to Clause 9.2.0 and 9.2.5 of EN 60598-1: 2008 + A11: 2009.
Test procedure	: Commission test
Test Period.....	: Aug. 20, 2013 to Aug. 27, 2013
Test results.....	: The EUT have been tested and evaluated for compliance with test requirement.
Conclusion.....	: The samples was tested comply with clause 9.2.0 and 9.2.5 of EN 60598-1 for IP44 Test index of protection as detail and described under condition on next page of this report.
Remark.....	: The product in this report was tested after normal install.



Cl.	Requirement Test	Result	Verdict
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Test Result:

Tests Clause number refer to: EN 60598-1: 2008 + A11: 2009 and IEC60598-1: 2008.

Cl. 9.2	Tests for ingress of dust, solid objects and moisture:		P
	- classification according to IP.....:	IP44	---
	- mounting position during test.....:	As normal use	---
	- tests according to clauses.....:	tested in accordance with 9.2.0 and 9.2.5 of EN 60598-1/IEC60598-1	---
	- electric strength test afterwards		P
	a) no deposit in dust-proof luminaire		N
	b) no talcum in dust- tight luminaire		N
	c) no trace of water on current-carrying parts or where it could become a hazard		P
	d) i) For luminaires without drain holes – no water entry		P
	d) ii) For luminaires with drain holes – no hazardous water entry		N
	e) no water in watertight luminaire		N
	f) no contact with live parts (IP 2X)		N
	f) no contact with live parts (IP 2X)		N
	f) no entry into enclosure (IP 3X and IP 4X)	IP44	P
	f) no contact with live parts (IP3X and IP4X)		P
	g) no trace of water on part of lamp requiring protection from splashing water		N
	h) no damage of protective shield or glass envelope		N

---	Comply with insulation resistance and electric strength after the IP44 test.		P
Cl. 10.2.1	Insulation resistance (MΩ)		---
	SELV:		P
	- between current-carrying parts of different polarity.....:	>50 MΩ	P
	- between current-carrying parts and mounting surface.....:	>50 MΩ	P
	- between current-carrying parts and metal parts of the luminaire.....:	>50 MΩ	P
	Other than SELV:		P
	- between live parts of different polarity.....:	>50 MΩ	P

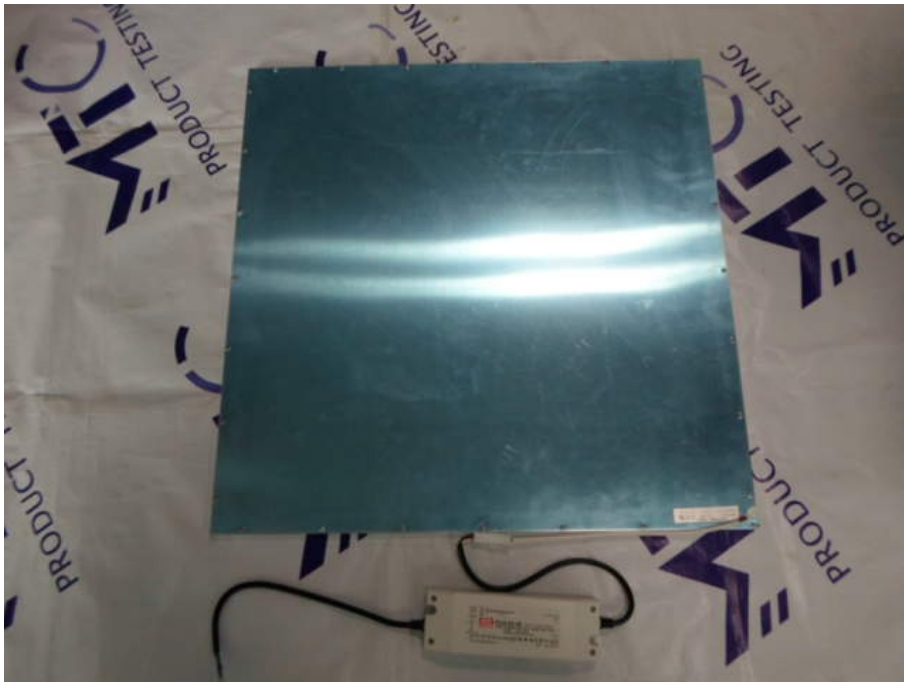
Cl.	Requirement Test	Result	Verdict
	- between live parts and mounting surface.....:	>50 MΩ	P
	- between live parts and metal parts.....:	>50 MΩ	P
	- between live parts of different polarity through action of a switch.....:		N
Cl.10.2.2	Electric strength test		P
	SELV:		P
	- between current-carrying parts of different polarity.....:	500 V	P
	- between current-carrying parts and mounting surface.....:	500 V	P
	- between current-carrying parts and metal parts of the luminaire.....:	500 V	P
	Other than SELV:		P
	- between live parts of different polarity.....:	1530 V	P
	- between live parts and mounting surface.....:	3060 V	P
	- between live parts and metal parts.....:	3060 V	P
	- between live parts of different polarity through action of a switch.....:		N

Test result: PASS

Abbreviation: P= Pass; N=Not Applicable

Note: All test result are only valid for the samples being tested

Attachment : PHOTOS



--- End of test report ---