

TEST REPORT

Low Voltage Directive

2006/95/EC

Report No.:

MTCGZLV1203270325LM



MTC Product Testing Service Co., LTD.

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

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

**TEST REPORT
IEC/EN 60598-1
Luminaires
Part 1: General requirements and tests**

Report Reference No......: MTCGZLV1203270325LM

Tested by (printed name and signature)



Approved by (printed name and signature)



Date of issue.....: 2012-03-28

Total number of pages: 7 Pages (Including 2 page of photos)

Testing Laboratory.....: MTC Product Testing Service Co., LTD.
Address: 7th Floor, Information Building, No.111, Science road, Science city, GuangZhou, Guangdong, China

Applicant's name.....: Perfect Image Imports
Address: 2A Viking court Cheltenham 3192 Melbourne Victoria Australia
Manufacturer: SUNWAY AUTO ELECTRICAL CO., LTD.
Address: NO.8 Jun Ye South Road, Shishan Ind. Zone C, Nanhai, Foshan City, 528225 Guangdong, China.

Test item description: LED WORK LIGHT
Model/Type reference: FLD15W, SPT15W
Ratings: DC10-30V, 15W, Class III, IP68

Test specification:
Standard: EN 60598-1: 2008+A11: 2009
IEC 60598-1: 2008
Test procedure: LVD
Non-standard test method.....: N/A
Trade Mark: None

Summary of testing:

Tests performed (name of test and test clause):

The submit samples were tested and found to comply with the standard:
Clause 9 of IECEN 60598-1

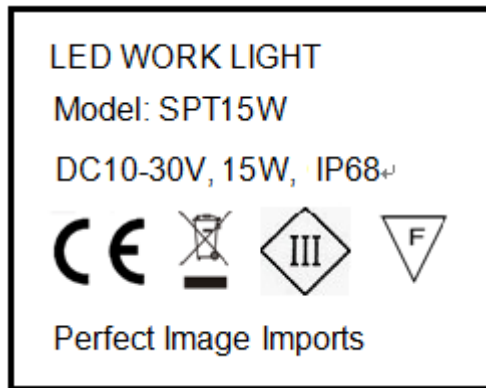
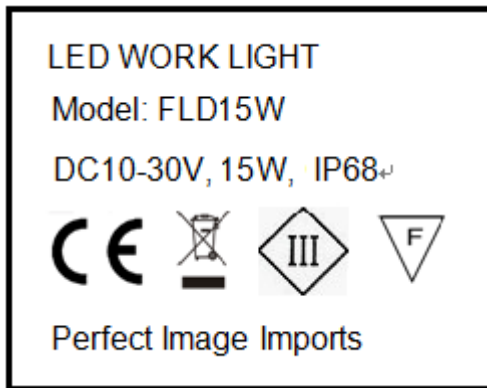
Testing location:

MTC Product Testing Service Co., LTD.
7th Floor, Information Building, No.111, Science road, Science city, GuangZhou, Guangdong, China

Summary of compliance with National Differences:

None

Copy of marking plate:



Test item particulars	
Classification of installation and use	Class III
Supply Connection	Non-detachable flexible cords
Degree of protection	IP68
.....	
Possible test case verdicts:	
- test case does not apply to the test object.....	N/A
- test object does meet the requirement.....	P (Pass)
- test object does not meet the requirement.....	F (Fail)
Testing	
Date of receipt of test item	2012-03-26
Date (s) of performance of tests.....	2012-03-26 to 2012-03-27
General remarks:	
<p>The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory. "(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report. Throughout this report a comma is used as the decimal separator. Clause numbers between brackets refer to clauses in IEC 60598-1</p>	
General product information:	
<p>Fixed LED WORK LIGHT, IP68, class III Model FLD15W and SPT15W are identical except the model name.</p>	

IECEN 60598-1			
Clause	Requirement + Test	Result - Remark	Verdict
9	RESISTANCE TO DUST, SOLID OBJECTS AND MOISTURE		—
9.2	Tests for ingress of dust, solid objects and moisture:		P
	- classification according to IP	IP68	—
	- mounting position during test	Inside test box	—
	- fixing screws tightened; torque (Nm)	--	—
	- tests according to clauses	9.2.2 and 9.2.9	—
	- electric strength test afterwards		P
	a) no deposit in dust-proof luminaire		N/A
	b) no talcum in dust-tight luminaire		P
	c) no trace of water on current-carrying parts or SELV 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/A
	e) no water in watertight luminaire		P
	f) no contact with live parts (IP2X)		N/A
	f) no entry into enclosure (IP3X and IP4X)		N/A
	f) no contact with live parts (IP3X and IP4X)		N/A
	g) no trace of water on part of lamp requiring protection from splashing water		N/A
	h) no damage of protective shield or glass envelope		P

Annex : Photos

Details of: Over view

<p>View:</p> <p><input checked="" type="checkbox"/> general</p> <p><input type="checkbox"/> front</p> <p><input type="checkbox"/> rear</p> <p><input type="checkbox"/> right</p> <p><input type="checkbox"/> left</p> <p><input type="checkbox"/> top</p> <p><input type="checkbox"/> bottom</p>	
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Details of: Over view

<p>View:</p> <p><input checked="" type="checkbox"/> general</p> <p><input type="checkbox"/> front</p> <p><input type="checkbox"/> rear</p> <p><input type="checkbox"/> right</p> <p><input type="checkbox"/> left</p> <p><input type="checkbox"/> top</p> <p><input type="checkbox"/> bottom</p>	
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Details of: Internal view



Details of: Internal view

