

Report No.:

HC40011/2008

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Date:

March 4, 2008

WANSTAR TECHNOLOGY CO., LTD. NO.100, SINGFU E. RD., SINJHUANG CITY, TAIPEI COUNTY, TAIWAN, R.O.C.

The following merchandise was submitted and identified by the vendor as:

Product Description:

LED Lamp

Style/ Item No.:

WS-S60/No.1

Quantity:

Total 1 piece

Testing Period:

Apr. 2, 2008

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Required:

(According to client's test specification, please see following sheets in detail.)

1. Vibration test

Test Results:

-PLEASE SEE ATTACHED SHEETS-

Signed for and on behalf of SGS TAIWAN Ltd.

Terence Hsieh Asst. Manager

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1. Vibration test:

Test Equipment:

Name	Brand	Model	Serial No.	
Vibration Test System	UNHOLTZ-DICKIE	SAI60-H560BAC/2/ST	474	
Controller	Dactron	LASER	7110357	
Control Accelerometer	PCB	353B34	121615	

Lab Environmental Conditions:

Ambient temperature:

25±3°C

Relative humidity:

55±20%RH

Test Method/ Specification:

Sample condition:

Operating

Weight:

4.30 kgw

Wave form:

Random

Frequency:

	$50 \sim 500 \text{ Hz}$
	Frequenc

Frequency (Hz)	Left Slope (dB/Oct.)	$\frac{\text{PSD}}{(\text{G}^2/\text{Hz})}$	Right Slope (dB/Oct.)
50		0.01	0
500	0	0.01	-
=>equivalent	to 2.12 Grms		

Direction:

X, Y, Z axes (see photo $4 \sim 9$)

Duration:

60 minutes / axis

- Examine the appearance of specimen(s) by visual check and perform functional check after this test.
- Functional check: Connect the specimen with rated voltage ($110V_{AC}$ and $220~V_{AC}$) separately to examine whether the LED of specimen could be lighting normally or not



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Specimen:

Style/ Item No.:

WS-S60/ No.1

Quantity:

1 piece

Test Result:

Check Item Style/ Item No.	Appearance Check (Visual check)	Functional check
WS-S60/ No.1	No visible damage	Normal

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Test Photos:





Appearance of specimen: WS-S60



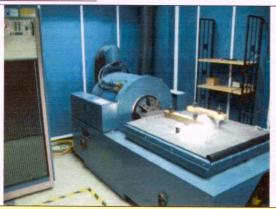
3. Functional check



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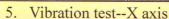
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Test Photos--Continued:





Vibration test--X axis







6. Vibration test--Y axis

7. Vibration test--Y axis





Vibration test--Z axis

Vibration test--Z axis

- The End of Test Report -

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