



TEST REPORT FOR SURGE IMMUNITY TEST



Report No.: **14-01-MAS-174**

Client: **Darfon Electronics Corp.**
Product: **LED Lighting Driver**
Model No.: **MDC-060-xxxx (x=0-9, or blank),
xxxx means output rating for LED driver,
(Example: MDC-060-1050, the output rating is 1050mA)**
Comment Issues: **N/A**

Date test item received: 2013/12/18
Date test campaign completed: 2013/12/18
Date of issue: 2014/01/17
Test results: **Pass**

The test result only corresponds to the tested sample. It is not permitted to copy this report, in part or in full, without the permission of the test laboratory.

Total number of pages of this test report: 3 pages

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Laboratory Introduction: Electronics Testing Center, Taiwan is recognized, filed and mutual recognition arrangement as following:

- ① ISO9001: TüV Product Service
- ② ISO/IEC 17025: BSMI, TAF, NCC, NVLAP, CCIBLAC, UL, Compliance
- ③ Filing: FCC, Industry Canada, VCCI
- ④ MRA: Australia, Hong Kong, New Zealand, Singapore, USA, Japan, Korea, China, APLAC through TAF
- ⑤ FCC Registration Number: 90588, 91094, 91095



SURGE IMMUNITY TEST

Test Date : Dec. 18, 2013

Test Specification	EN 61000-4-5		
Test Equipment	Calibration Date	Recommended Recal. Date	
Lightning Surge Simulator\Noiseken\ LSS-15AX	Sep. 10, 2013	Sep. 09, 2014	
Climatic Condition	Ambient Temperature: <u>21</u> °C		Relative Humidity: <u>54</u> %RH
	Atmospheric Pressure: <u>993</u> mbar		
Power Supply System	AC <u>230</u> V <u>50</u> Hz		

Waveform: 1.2/50 μ s(8/20 μ s) Repetition rate: <u>60</u> sec Times: <u>1</u> times/each condition Testing port: Power port						
		\Phase \Voltage \Mode \Polarity \Result	0°	90°	180°	270°
5.0 kV	L – N	+	A	A	A	A
		–	A	A	A	A
10.0 kV	L – PE	+	A	A	A	A
		–	A	A	A	A
	N – PE	+	A	A	A	A
		–	A	A	A	A

Note: "A" means the EUT function was correct during the test.

SURGE IMMUNITY TEST SETUP PHOTO