

# Ledworks SRL

**SCOPE OF WORK**

EMC TESTING—Refer to page 5

**REPORT NUMBER**

190425162GZU-006

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[-----]

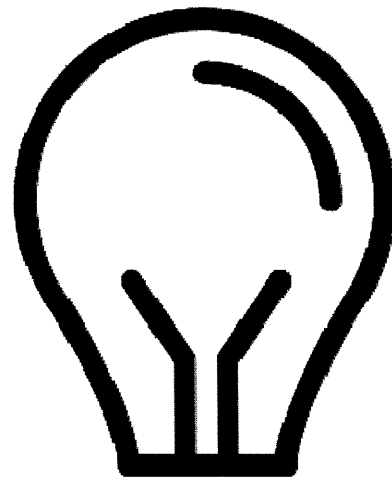
**PAGES**

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**DOCUMENT CONTROL NUMBER**

EN 55015: 2013+A1 (With electronics)-a

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## TEST REPORT

Applicant Name & : Ledworks SRL  
Address : Via Calabiana 6, Milano 20100  
Manufacturing Site : Same as applicant  
Intertek Report No: 190425162GZU-006

### Test standards

**EN 55015:2013+A1:2015**  
**EN 61000-3-2:2014**  
**EN 61000-3-3:2013**  
**EN 61547:2009**

### Sample Description

Product : LED Lighting Chains  
Model No. : Refer to page 5  
Electrical Rating : Refer to page 5  
Serial No. : Not Labeled  
Date Received : 25 April 2019  
Date Test : 25 April 2019-30 August 2019  
Conducted

Prepared and Checked By



Daniel He

Project Engineer

Intertek Guangzhou

Approved By:



Helen Ma

Team leader

Intertek Guangzhou

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**TEST REPORT**

<b>Test Item</b>	<b>Standard</b>	<b>Result</b>
Continuous conducted disturbance voltage	EN 55015:2013+A1:2015	Pass
Radiated electromagnetic disturbance (9 kHz -30 MHz)	EN 55015:2013+A1:2015	Pass
Radiated electromagnetic disturbance (30 MHz -300 MHz)	EN 55015:2013+A1:2015	Pass
Insertion loss	EN 55015:2013+A1:2015	N/A
Harmonic of current	EN 61000-3-2:2014	Pass
Flicker	EN 61000-3-3:2013	Pass
ESD immunity	EN 61547:2009 Reference: EN 61000-4-2:2009	Pass
Radiated EM field immunity	EN 61547:2009 Reference: EN 61000-4-3:2006+A1:2008	Pass
EFT immunity	EN 61547:2009 Reference: EN 61000-4-4:2004	Pass
Surge immunity	EN 61547:2009 Reference: EN 61000-4-5:2006	Pass
Inject current immunity	EN 61547:2009 Reference: EN 61000-4-6:2009	Pass
Power frequency magnetic field immunity	EN 61547:2009 Reference: EN 61000-4-8:1993+A1:2001	N/A
Voltage dips and interruption immunity	EN 61547:2009 Reference: EN 61000-4-11:2004	Pass

**Remark:**

1. The symbol "N/A" in above table means Not Applicable.
2. When determining the test results, measurement uncertainty of tests has been considered.

## TEST REPORT

### Electrical Rating:

For drivers input: 220-240 V~; 50-60 Hz; Class II; SELV; independent,

For luminaire body of models TWS150STP-BEU, TWS150STP-BUK:

24Vdc; 1,0A; Class III; IP44; 150 pcs non-replaceable LEDs;

Adaptor model: DP045A24000100HK

Input: 100-240Vac, 50/60Hz, Max 0.6A

Output: 24Vdc, 1.0A

For luminaire body of models TWI190STP-TEU, TWI190STP-TUK, TWI190SPP-TEU,

TWI190SPP-TUK, TWI190GOP-TEU, TWI190GOP-TUK:

24Vdc,1.0A; Class III; IP44; 190 pcs non-replaceable LEDs;

Adaptor model: DP045A24000100HK

Input: 100-240Vac, 50/60Hz, Max 0.6A

Output: 24Vdc, 1.0A

For luminaire body of models TWS250STP-BEU, TWS250STP- BUK, TWS250GOP-BEU,  
TWS250GOP-BUK:

24Vdc; 1.0A; Class III; IP44; 250 pcs non-replaceable LEDs;

Adaptor model: DP045A24000100HK

Input: 100-240Vac, 50/60Hz, Max 0.6A

Output: 24Vdc, 1.0A

For luminaire body of models TWF020STP-BEU, TWS250SPP-BUK

24Vdc; 1.0A; Class III; IP44; 40 pcs non-replaceable LEDs;

Adaptor model: DP045A24000100HK

Input: 100-240Vac, 50/60Hz, Max 0.6A

Output: 24Vdc, 1.0A

For luminaire body of models TWS250SPP-BEU, TWS250SPP-BUK,  
TWS250SPP-TEU, TWS250SPP-TUK:

24Vdc; 1.5A; Class III; IP44; 250 pcs non-replaceable LEDs;

Adaptor model: XY36J-240150VH-BT

Input: 100-240Vac, 50/60Hz, Max 0.5A

Output: 24Vdc, 1.5A

For luminaire body of models TWS400STP-BEU; TWS400STP- BUK:

24Vdc; 1.5A; Class III; IP44; 400 pcs non-replaceable LEDs;

Adaptor model: XY36J-240150VH-BT

Input: 100-240Vac, 50/60Hz, Max 0.5A

Output: 24Vdc, 1.5A

