

# Test Verification of Conformity

## Verification Number: VoC190425162GZU-001

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it <them>.

Once compliance with all product relevant **CE** mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

Applicant Name & Address:	Ledworks SRL Via Calabiana 6, Milano 20100
Product Description:	LED Lighting Chains
Models/Type References:	Refer to appendix for detail information
Ratings & Principle Characteristics:	Refer to appendix for detail information
Brand Name(s):	--
Standard(s)/Directive(s):	Refer to appendix for detail information
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Block E, No.7-2 Guang Dong Software Science Park, Caipin Road, Guangzhou Science City, GETDD Guangzhou, China
Test Report Number(s):	190425162GZU-001, 002, 003, 004, 005, 006

Additional information in Appendix.



Signature

Name: Helen Ma

Position: Team Leader

Date: 11 September 2019

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## APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 190425162GZU-001

Models/Type References:	TWS150STP-BEU, TWS150STP-BUK, TWS250STP-BEU, TWS250STP- BUK, TWS400STP-BEU, TWS400STP- BUK, TWS250SPP-BEU, TWS250SPP-BUK, TWS250SPP-TEU, TWS250SPP-TUK, TWS250GOP-BEU; TWS250GOP-BUK, TWI190STP-TEU, TWI190STP-TUK, TWI190SPP-TEU, TWI190SPP-TUK, TWI190GOP-TEU, TWI190GOP-TUK, TWF020STP-BEU TWF020STP-BUK
Standard(s)/Directive(s):	ETSI EN 300 328 V2.1.1 (2016-11) ETSI EN 301 489-1 V2.1.1 (2017-02) ETSI EN 301 489-17 V3.1.1 (2017-02) EN 62479:2010 EN 62311: 2008 EN 55015:2013+A1:2015 EN 61547:2009 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 62493:2015 Radio Equipment Directive (2014/53/EU) – Article 3.1(a), 3.1(b) & article 3.2

*Helen Ma*

**Signature**

**Name: Helen Ma**

**Position: Team Leader**

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## APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 190425162GZU-001

### Ratings & Principle Characteristics:

- For drivers input: 220-240 V $\sim$ ; 50-60 Hz; Class II; SELV; independent,
- 1) 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
  - 2) 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
  - 3) 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
  - 4) For luminaire body of models TWF020STP-BEU, TWF020STP-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
  - 5) 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
  - 6) 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

*Helen Ma*

Signature

**Name: Helen Ma**

**Position: Team Leader**

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