


Test Verification of Conformity

Verification Number: VOC200420148GZU-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>. This verification replaces previous verification 190425161GZU-001 dated: 11 Sep. 2019.

Once compliance with all product relevant  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 Arcivescovo Calabiana 6, 20139 Milano - Italy
Product Description:	LED Lighting Chains
Ratings & Principle Characteristics:	See Appendix
Models/Type References:	See Appendix
Brand Name:	--
Relevant Standards/Directives:	EN 60598-1: 2015 + A1: 2018; EN 60598-2-20:2015; EN 61347-1:2015; EN 61347-2-11:2001; EN 62031:2008+A1:2013+A2:2015; EN 62471:2008; EN 62493: 2015; Article 3.1a of the Radio Equipment Directive 2014/53/EU
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
Date of Tests:	20 Apr. 2020 to 21 May 2020
Test Report Number(s):	190425161GZU-001(M1)
Additional information in Appendix.	



Signature

Name: Karen Xie

Position: Technical Manager

Date: 21 May 2020

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: VOC200420148GZU-001

Ratings & Principle
Characteristics:

For drivers input: 220-240 V~ or 100-240 V~; 50/60 Hz; Class II; SELV;
independent;

For luminaire body input of models TWS150STP-BEU; TWS150STP-BUK;
TWS150STP-BUS; TWS150STP-BAU; 24VDC; 1,0A; Class III; IP44; 150 pcs non-
replaceable LEDs;

For luminaire body input of models TWI190STP-TEU; TWI190STP-TUK;
TWI190STP-TUS; TWI190STP-TAU; TWI190SPP-TEU; TWI190SPP-TUK;
TWI190SPP-TUS; TWI190SPP-TAU; TWI190GOP-TEU; TWI190GOP-TUK;
TWI190GOP-TUS; TWI190GOP-TAU: 24VDC; 1,0A; Class III; IP44; 190 pcs non-
replaceable LEDs;

For luminaire body input of models TWS250STP-BEU; TWS250STP- BUK;
TWS250STP-BUS; TWS250STP-BAU; TWS250GOP-BEU; TWS250GOP-BUK;
TWS250GOP-BUS; TWS250GOP-BAU: 24VDC; 1,0A; Class III; IP44; 250 pcs
non-replaceable LEDs;

For luminaire body input of models TWS250SPP-BEU; TWS250SPP-BUK;
TWS250SPP-BUS; TWS250SPP-BAU; TWS250SPP-TEU; TWS250SPP-TUK;
TWS250SPP-TUS; TWS250SPP-TAU: 24VDC; 1,5A; Class III; IP44; 250 pcs non-
replaceable LEDs;

For luminaire body input of models TWS400STP-BEU; TWS400STP- BUK; TWS400STP-
BUS; TWS400STP- BAU: 24VDC; 1,5A; Class III; IP44; 400 pcs non-replaceable LEDs;



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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: VOC200420148GZU-001

Ratings & Principle
Characteristics:

For luminaire body input of models TWF020STP-BEU; TWF020STP-BUK;
TWF020STP-BUS; TWF020STP-BAU: 24VDC; 1A; Class III; IP44; 20 pcs non-
replaceable LEDs;

For luminaire body input of models TWF020ADP-BEU; TWF020ADP-BUS:
24VDC; 1A; Class III; IP44; 20 pcs non-replaceable LEDs;

Suitable for directly mounted on normal flammable surfaces.

Models/Type References:

TWS150STP-BEU; TWS150STP-BUK; TWS150STP-BUS; TWS150STP-BAU;
TWS250STP-BEU; TWS250STP-BUK; TWS250STP-BUS; TWS250STP-BAU;
TWS400STP-BEU; TWS400STP-BUK; TWS400STP-BUS; TWS400STP-BAU;
TWS250SPP-BEU; TWS250SPP-BUK; TWS250SPP-BUS; TWS250SPP-BAU;
TWS250SPP-TEU; TWS250SPP-TUK; TWS250SPP-TUS; TWS250SPP-TAU;
TWS250GOP-BEU; TWS250GOP-BUK; TWS250GOP-BUS; TWS250GOP-BAU;
TWI190STP-TEU; TWI190STP-TUK; TWI190STP-TUS; TWI190STP-TAU;
TWI190SPP-TEU; TWI190SPP-TUK; TWI190SPP-TUS; TWI190SPP-TAU;
TWI190GOP-TEU; TWI190GOP-TUK; TWI190GOP-TUS; TWI190GOP-TAU;
TWF020STP-BEU; TWF020STP-BUK; TWF020STP-BUS; TWF020STP-BAU;
TWF020ADP-BEU; TWF020ADP-BUS (total 42 models)

Remark: the suffix of EU refers to Europe plug, UK refers to UK plug; US refers to US
plug; AU refers to Australia plug.



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