


Test Verification of Conformity

Verification Number: 200512024GZU-VOC001

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 supersedes all previous verifications with the noted Verificaton/Report number(s) dated before this verification notice .

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

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 Room 02, & 101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2. Caipin Road, Science City, GETDD, Guangzhou, Guangdong, China
Date of Tests:	12 May 2020- 12 June 2020
Test Report Number(s):	190425162GZU-001, 002, 003, 004, 005, 006 Amendment 1

Additional information in Appendix.



Signature

Name: Helen Ma

Position: Team Leader

Date: 29 July 2020

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 200512024GZU-VOC001

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, TWS100STP-BEU, TWS100STP-BUK, TWS100STP-BFR,
TWS150STP-BFR, TWS250STP-BFR, TWS400STP-BFR, TWS600STP-BEU,
TWS600STP-BUK, TWS600STP-BFR, TWS250SPP-BFR, TWS250SPP-TFR,
TWS400SPP-BEU, TWS400SPP-BUK, TWS400SPP-TFR, TWS250GOP-TFR,
TWS400GOP-BEU, TWS400GOP-BUK, TWS400GOP-TFR, TWI190STP-TFR,
TWI190SPP-TFR, TWI190GOP-TFR, TWF020STP-BFR, TWF020ADP-BEU,
TWF020ADP-BFR, TWW210SPP-TEU, TWW210SPP-TUK, TWW210SPP-TFR,
TWB200STP-WEU, TWB200STP-WUK, TWB200STP-WFR, TWC400STP-BEU,
TWC400STP-BUK, TWC400STP-BFR, TWC400GOP-BEU, TWC400GOP-BUK,
TWC400GOP-BFR, TWT250STP-BEU, TWT250STP-BUK, TWT250STP-BFR,
TWT250GOP-BEU, TWT250GOP-BUK, TWT250GOP-BFR, TWT400SPP-BEU,
TWT400SPP-BUK, TWT400SPP-BFR, TWT400STP-BEU, TWT400STP-BUK,
TWT400STP-BFR, TWT400GOP-BEU, TWT400GOP-BUK, TWT400GOP-BFR,
TWT500STP-BEU, TWT500STP-BUK, TWT500STP-BFR, TWT500GOP-BEU,
TWT500GOP-BUK, TWT500GOP-BFR, TWR050SPP-BEU, TWR050SPP-BUK,
TWR050SPP-BFR, TWG050SPP-BEU, TWG050SPP-BUK, TWG050SPP-BFR
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
Radio Equipment Directive (2014/53/EU) – Article 3.1(a), 3.1(b) & article
3.2

Standard(s)/Directive(s):

Helen Ma

Signature

Name: Helen Ma

Position: Team Leader

Date: 29 July 2020

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Ratings & Principle Characteristics:

- For drivers input: 220-240 V \sim ; 50-60 Hz; Class II; SELV; independent,
- 1) For luminaire body of models TWF020STP-BEU, TWF020STP-BUK, TWF020STP-BFR; TWF020ADP-BEU, TWF020ADP-BFR
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
 - 2) For luminaire body input of models TWR050SPP-BEU; TWR050SPP-BUK; TWR050SPP-BFR; TWG050SPP-BEU; TWG050SPP-BUK; TWG050SPP-BFR:
24 Vdc, 1.0A; Class III; IP44; 50 pcs non-replaceable LEDs
Adaptor model: DP045A24000100HK
Input: 100-240Vac, 50/60Hz, Max 0.6A
Output: 24Vdc, 1.0A
 - 3) For luminaire body input of models TWS100STP-BEU, TWS100STP-BUK, TWS100STP-BFR:
24 Vdc, 1.0A; Class III; IP44; 100 pcs non-replaceable LEDs;
Adaptor model: DP045A24000100HK
Input: 100-240Vac, 50/60Hz, Max 0.6A
Output: 24Vdc, 1.0A
 - 4) For luminaire body input of models TWS150STP-BEU, TWS150STP-BUK, TWS150STP-BFR:
24 Vdc, 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
 - 5) For luminaire body input of models TWI190STP-TEU, TWI190STP-TUK, TWI190STP-TFR, TWI190SPP-TEU, TWI190SPP-TUK, TWI190SPP-TFR, TWI190GOP-TEU, TWI190GOP-TUK, TWI190GOP-TFR: 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
 - 6) For luminaire body input of models TWB200STP-WEU, TWB200STP-WUK, TWB200STP-WFR:
24 Vdc; Class III, IP44, 200 pcs non-replaceable LEDs;
Adaptor model: DP045A24000100HK
Input: 100-240Vac, 50/60Hz, Max 0.6A
Output: 24Vdc, 1.0A
 - 7) For luminaire body input of models TWW210SPP-TEU, TWW210SPP-TUK, TWW210SPP-TFR:
24 Vdc, 1.0A, Class III, IP44, 210 pcs non-replaceable LEDs;
Adaptor model: DP045A24000100HK
Input: 100-240Vac, 50/60Hz, Max 0.6A

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- Output: 24Vdc, 1.0A
- 8) For luminaire body input of models TWT250STP-BEU, TWT250STP-BUK, TWT250STP-BFR, TWT250GOP-BEU, TWT250GOP-BUK, TWT250GOP-BFR, TWS250GOP-BEU, TWS250GOP-BUK, TWS250GOP-TFR, TWS250SPP-BEU, TWS250SPP-BUK, TWS250SPP-BFR, TWS250SPP-TFR, TWS250SPP-TEU, TWS250SPP-TUK, TWS250SPP-TUS, TWS250SPP-TAU, TWS250STP-BEU, TWS250STP-BUK, TWS250STP-BFR:
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
- 9) For luminaire body input of models TWT400SPP-BEU, TWT400SPP-BUK, TWT400SPP-BFR, TWT400STP-BEU, TWT400STP-BUK, TWT400STP-BFR, TWT400GOP-BEU; TWT400GOP-BUK, TWT400GOP-BFR, TWC400STP-BEU, TWC400STP-BUK, TWC400STP-BFR, TWC400GOP-BEU, TWC400GOP-BUK, TWC400GOP-BFR, TWS400GOP-BEU, TWS400GOP-BUK, TWS400GOP-TFR, TWS400SPP-BEU, TWS400SPP-BUK, TWS400SPP-TFR, TWS400STP-BEU, TWS400STP-BUK, TWS400STP-BFR
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
- 10) For luminaire body input of models TWT500STP-BEU, TWT500STP-BUK, TWT500STP-BFR, TWT500GOP-BEU, TWT500GOP-BUK, TWT500GOP-BFR: 24 Vdc, 1.5A; Class III; IP44; 500 pcs non-replaceable LEDs;
Adaptor model: XY36J-240150VH-BT
Input: 100-240Vac, 50/60Hz, Max 0.5A
Output: 24Vdc, 1.5A
- 11) For luminaire body input of models TWS600STP-BEU, TWS600STP-BUK, TWS600STP-BFR:
24 Vdc, 1.5A; Class III; IP44; 600 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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