



CERTIFICATE

VC- 18- 000- (2-18-784)- 023E

"CTEC" Ltd. certifies that

Product

LED STRIP LIGHT

LED 1200 – IP65, type: **LED-3528-2x120-WW**, cat.Nº: 99LED686
12 V DC; 20 W/m; class III; IP 65

representative of LED Strips light cat.Nº: 99LED687; 99LED666; 99LED667
99LED668; 99LED669; 99LED684; 99LED685; 99XLED306; 99XLED305
99XLED308; 99XLED307

Manufacturer

ELMARK INDUSTRIES SC, Bulgaria

2, Dobrudzha Blvd. Dobrich, Bulgaria

tel.: + 359 52 575 500

e-mail: elmarkfactory@elmarkholding.eu

Complies with the

standards:

EN 55015:2013+A1:2015 Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment

EN 61000-3-2:2014 Electromagnetic compatibility Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)

EN 61000-3-3:2013 Electromagnetic compatibility (EMC) -

Part 3-3: Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection

EN 61547:2009 Equipment for general lighting purposes EMC immunity requirements

EN 61000-4-2:2009 Electromagnetic compatibility (EMC)

Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test

EN 61000-4-4:2012 Electromagnetic compatibility (EMC)

Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test

EN 61000-4-5:2014 Electromagnetic compatibility (EMC)

Part 4-5: Testing and measurement techniques - Surge immunity test

EN 61000-4-8:2010 Electromagnetic compatibility (EMC)

Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test

EN 61000-4-11:2004 Electromagnetic compatibility (EMC)

Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests

and **IP 65**

In accordance with the

EN 60598-1:2015

EN 60598-1:2015/AC:2015, EN 60598-1:2015/AC:2016

Luminaires - Part 1: General requirements and tests /cl.4.13,9.2/

EN 60529+A1:2004 Degrees of protection provided by enclosures (IP code)

Certificate has been issued on the base of

Test reports:

Nº 2a-18-784/17.04.2018

Nº 2EMC-18-784/17.04.2018

The Certificate of conformity is based on the evaluation of the technical file and testing of the above mentioned product and does not imply assessment of the production process.

Date of issue: 2018-04-17

Stara Zagora

Manager CTEC Ltd

/dipl. eng. Blagovesta Shineva/

