



CERTIFICATE

№ EMC- 17- 000- (2emc-15-068)- 067E

"CTEC" Ltd. certifies that

Product

LIGHTING FIXTURES

model: **LED PANEL**, cat.№ **92PANEL014**

230 V AC; 50-60 Hz; 48 W; class II; IP 20

*representative of LED Panels cat.№: 92PANEL012; 92PANEL013;
92PANEL015; 92PANEL014N; 92PANEL014W; 92PANEL014WCW;
99XPANEL014W; 99XPANEL014; 99XPANEL015*

Manufacturer

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Complies with the

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

EN 61000-4-4:2012 *Electromagnetic compatibility 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*

Certificate has been issued on the base of

Test reports:

№ 2emc -15 -068/06.04.2015

№ 2emc-e-15-068/06.04.2015

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: 2017-11-13

Stara Zagora

Manager CTEC Ltd.

/dipl. eng. Blagovesta Shineva/

