



# CERTIFICATE

№ EMC- 15- 000- (2emc-15-068)- 038E

"CTEC" Ltd. certifies that

## Product

**LED LIGHTING FIXTURES**

type: **PANEL**

model: **LED PANEL**, cat. № 92LEDPANEL014

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

**representative sample from fixtures group LED PANEL with cat. №:**  
92LEDPANEL012; 92LEDPANEL013; 92LEDPANEL014; 92LEDPANEL015

## Manufacturer

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## Complies with the

**EN 55015:2006+A1:2007+A2:2009** 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  $\leq 16$  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  $\leq 16$  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 61000-4-4:2004+A1:2010** Electromagnetic compatibility  
Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test

**EN 61000-4-5:2006** 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

Date of issue: 2015-04-06  
Stara Zagora

Test reports:

№ 2emc -15 -068/06.04.2015

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Manager CTEC Ltd.

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