



CERTIFICATE

№ EMC- 15- 000- (2emc-15-037)- 037E

"CTEC" Ltd. certifies that

Product

LED LIGHTING FIXTURES

type: **PANEL**

model: **LED PANEL ROUND**, cat. № 99LED621

230-240 V AC; 50-60 Hz; 30 W; class II

representative sample from fixtures group LED PANEL ROUND with cat. №:

99LED609; 99LED610; 99LED611; 99LED612; 99LED613; 99LED614;
99LED615; 99LED616; 99LED617; 99LED618; 99LED619; 99LED620;
99LED621; 99LED622; 99LED623; 99LED624; 99LED625; 99LED626;
99LED627; 99LED628; 99LED629; 99LED630; 99LED631

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 ≤ 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 61000-4-4:2004+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 - 037/06.04.2015

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Manager CTEC Ltd

/dipl. eng. Blagovesta Shineva/