



CERTIFICATE

№ EMC- 17- 000- (2emc-15-037)- 073E

"CTEC" Ltd. certifies that

Product

LIGHTING FIXTURES

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

230 V AC; 50-60 Hz; 30 W; class II; IP 20

representative of LED PANEL ROUND cat.№: 99LED609; 99LED610; 99LED609T
99LED610T; 99LED609CW; 99LED611; 99LED612; 99LED611T; 99LED612T
99LED611CW; 99LED617; 99LED618; 99LED617T; 99LED618T; 99LED620T
99LED620TCW; 99LED621T; 99XLED609; 99XLED610; 99XLED611; 99XLED612
99XLED614; 99XLED615; 99XLED620; 99XLED621; 99LED632; 99LED633
99led632t; 99LED633T; 99LED634; 99LED635; 99LED634T; 99LED635T
99XLED632; 99XLED633; 99XLED634; 99XLED635; 99XLED636; 99XLED637
99LED628; 99LED629; 99LED630; 99LED631

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 -037/06.04.2015

№ 2emc-e-15-037/06.04.2015

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/

