



CERTIFICATE

№ EMC- 14- 000- (2emc-14-808)- 065E

"CTEC" Ltd. certifies that

Product

LED tube

trade mark: **ELMARK**, cat. № **99LED355**

230-240 V AC; 50-60 Hz; 18 W; G 13

representative of LED tubes with cat.№: 99LED351;

99LED352; 99LED353; 99LED354; 99LED355; 99LED356

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 61000-3-2:2006+A1:2009+A2:2009 Electromagnetic compatibility Part 3-2: Limits – Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
EN 61000-3-3:2008 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

Test reports:

№ 2emc-e-14-808/09.10.2014

№ 2emc-i-14-808/09.10.2014

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Stara Zagora



Manager CTEC Ltd.

/dipl. eng. Blagovesta Shineva/

