



Center for Testing and
European Certification

CERTIFICATE

№ EMC- 13- 000- (2emc-13-793)- 057ER

"CTEC" Ltd. certifies that

Product

LUMINARIES - ROAD LIGHTING FIXTURE

model: **AVENUE50**, cat № **98AVENUE50**

230 V AC; 50 Hz; 50 W; class I; IP 65

**representative sample from road lighting fixtures group
with cat. №: 98AVENUE50; 98AVENUE100**

Manufacturer

ELMARK INDUSTRIES SC, Bulgaria

2, Dobrudja Blvd. Dobrich, Bulgaria

tel.: + + 359 58 500 055; fax: +359 58 500 060

e-mail: elmarkfactory@elmark.bg

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 (EMC) 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-13-793/18.12.2013

№ 2emc- i-13-793/18.12.2013

First issue: 2013-12-19

Current issue: 2015-01-12

Stara Zagora

Manager CTEC Ltd.

/dipl. eng. Blagovesta Shineva/

