



# CERTIFICATE

№ EMC- 14- 000- (2emc-14-906)- 062E

"CTEC" Ltd. certifies that

**Product**

**LUMINAIRE**

type: **VIKIOM**, cat. № **9VOM414**  
230 V AC; 50 Hz; 4 x 14 W; Class I; IP 20

**Manufacturer**

**ELMARK INDUSTRIES SC, Bulgaria**

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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  $\leq 16$  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  $\leq 16$  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**

Test reports:

№ 2emc-e-14-906/20.06.2014

№ 2emc-i -14-906/20.06.2014

Date of issue: 2014-09-30  
Stara Zagora

Manager CTEC Ltd.  
/dipl. eng. Blagovesta Shineva/

