



Center for Testing and
European Certification

CERTIFICATE

№ EMC- 13- 000- (2emc-13-794)- 058ER

"CTEC" Ltd. certifies that

Product

INDUSTRIAL LIGHTING FIXTURES

type: **BELL Reflector**, model: **SENA50**

cat. № **98SENA50120**

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

representative sample from lighting fixtures group with cat. №:

98SENA50120; 98SENA100120; 98ELBA150120

98ETNA200120

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 (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:

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