



# CERTIFICATE

№ EMC- 13- 000- (2emc-13-664)- 032ER

"CTEC" Ltd. certifies that

**Product**

**INDUSTRIAL LIGHTING FIXTURES**

type: **Floodlights**, cat. № **98AT105110SCH**

230 V AC; 50 Hz; 400 W; class I; IP 65

**representative sample from floodlights group with cat. №:**  
**98AT105109SCH; 98AT105110SCH**

**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 (EMC) 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

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