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TR2166_01-DeclarationOfConformity-EU-6L-ELM8.PDF					
EU Declaration of Conformity for model ELM8 photo/video light					
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Declaration of Conformity EU

This declaration is issued under the responsibility of Light & Motion Industries as the product is used in accordance with the product use & installation documentation.

Object of Declaration

Product: Portable Photographic and Video Light
Models: ELM8

The object of the declaration described above is in conformity with the essential requirements of the following European Union harmonisation legislation as they are applicable:

- 2014/35/EU Security: Low Voltage Directive
- 2014/30/EU EMC: Electromagnetic Compatibility (EMC) Directive
- 2014/53/EU Radio Equipment Directive
- FCC Part 15(B) Radio: FCC Part 15 Subpart B, Unintentional Radiators limits

Conformity is shown by compliance with the applicable requirements of the following specifications:

- IEC 62368 – 1 Audio/video, information and communication technology equipment; Safety requirements
- EN 62471:2008 Photobiological safety of lamps and lamp systems (Risk Group 1, Low Risk)
- EN 55015 Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
- EN 301 489-1 Electromagnetic Compatibility (EMC) for Radio Equipment and Services; Common Requirements
- EN 301 489-3 Electromagnetic Compatibility (EMC) Specific Conditions for Short-Range Devices
- Title 47 CFR Part 15, Subpart B Unintentional Radiators limits (FCC Part 15, Class B)
- IEC 61000-3-2 Limits for harmonic current emissions
- IEC 61000-3-3 Limits of voltage changes, voltage fluctuation
- IEC 61000-4-2 Electrostatic discharge (ESD) immunity test
- IEC 61000-4-3 Radiated, radio-frequency, electromagnetic field immunity test
- IEC 61000-4-4 Electrical fast transient/burst immunity test
- IEC 61000-4-5 Surge immunity test
- IEC 61000-4-6 Immunity to conducted disturbances, induced by radio-frequency fields (common-mode)
- IEC 61000-4-8 Immunity to Power frequency magnetic fields
- IEC 61000-4-11 Voltage dips, short interruptions and voltage variations immunity tests

Signed for and on behalf of: Light & Motion Industries
Place and date of issue: Marina, CA, USA, 2018-10-26

Daniel Emerson, CEO: Daniel T. Emerson