



## EU-DECLARATION OF CONFORMITY (DoC)

### We

Company Name:	Martin Professional ApS
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### declare that the DoC is issued under our sole responsibility and belongs to the following product:

Apparatus Model/Product:	Martin MAC Encore Performance CLD or WRM, item #902340; followed by any two numeric values from 00 to 24; maybe followed by one or two alphanumeric characters identifying the production site
Type:	Stage & Studio Luminaire

**Object of the declaration** (identification of apparatus allowing traceability; it may include a color image of sufficient clarity where necessary for the identification of the apparatus):

Stage and studio moving head fixture with warm or cold LED light source, and optical effects.



### The object of the declaration described above is in conformity with the relevant Union harmonization legislation:

2014/35/EU	The Low Voltage Directive and its amending Directives
2014/30/EU	The Electromagnetic Compatibility Directive and its amending Directives
2011/65/EU	Restriction of Hazardous Substances (RoHS2) directive

### The following harmonized standards and technical specifications have been applied:

EN60598-2-17:1989+A2:1991	Luminaires - Part 2: Particular requirements - Section 17: Luminaires for stage lighting, television film and photographic studios (outdoor and indoor)
EN62471:2008	Photobiological safety of lamps and lamp systems
EN62493:2015	Assessment of lighting equipment related to human exposure to electromagnetic fields
EN55015:2013+A1:2015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment



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EN55032:2015	Electromagnetic compatibility of multimedia equipment – Emission requirements, Class B
EN61547:2009	Equipment for general lighting purposes – EMC immunity requirements
EN55103-2:2009+IS1:2012	Electromagnetic compatibility - Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use - Part 2: Immunity, Class E3
EN61000-4-4:2012	Electromagnetic compatibility (EMC) – Part 4-4: Testing and measurement techniques – Electrical fast transients/burst immunity test, Level 3
EN61000-4-5:2014	Electromagnetic compatibility (EMC) – Part 4-5: Testing and measurement techniques – Surge immunity test, Level 3
EN61000-3-2:2014	Electromagnetic Compatibility (EMC) Part 3. Limits Section 2. Limits for harmonic current emissions (equipment input current $\leq 16\text{A}$ per phase)
EN61000-3-11:2001	Electromagnetic compatibility (EMC) – Part 3-11: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems – Equipment with rated current $\leq 75\text{A}$ and subject to conditional connection  <i>*For conformity with mains voltage fluctuations and flicker per EN 61000-3-11 during extensive use of continuously strobe effects, the user shall determine in consultation with the supply authority, if necessary, that the equipment is connected to a supply impedance of less than <math>0.33 \Omega</math> at 50 Hz.</i>

Signed for and on behalf of:

Signature:	
Name:	Mads Budde
Function:	Senior Director, Lighting PRU
Place issued:	Martin Professional ApS Olof Palmes Allé 18 8200 Aarhus N, Denmark
Date issued:	2017-09-07

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