



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 Wash CLD or WRM, item #902340; followed by any two numeric values from 25 to 50; maybe followed by one or two alphanumeric characters identifying the production site
Type:	Stage & Studio Luminaire

Object of the declaration:

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
EN55032:2015	Electromagnetic compatibility of multimedia equipment – Emission requirements, Class B



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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 ≤ 16 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 ≤ 75 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 0.33 Ω 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:	2017-12-21