

**We**

Company Name:	Harman Professional, Inc.
Post Address:	8500 Balboa Blvd.
Postcode and City:	Northridge CA 91329 USA
Telephone number:	+1 (818) 841-4600
E-Mail address:	HProTechSupportEMEA@harman.com

**declare that the DoC is issued under our sole responsibility and belongs to the following product:**

Apparatus Model/Product:	MAC Quantum Wash
Type:	Stage and studio luminaire

**Object of the declaration:**

Moving Head with LED light source



**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:**

EN 60598-2-17:2018	Luminaires - Part 2: Particular requirements - Section 17: Luminaires for stage lighting, television film and photographic studios (outdoor and indoor)
EN 62471:2008	Photo-biological safety of lamps and lamp systems
EN 62493:2015	Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 55015:2013+A1:2015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN 55032:2012	Electromagnetic compatibility of multimedia equipment – Emission requirements, Class B
EN 61000-3-2:2014	Electromagnetic Compatibility Part 3. Limits Section 2. Limits for harmonic current emissions (equipment input current ≤16A per phase)




## EU-DECLARATION OF CONFORMITY (DoC)

Document No. 60006-20210325

EN 61000-3-3:2013	Electromagnetic Compatibility Part 3. Limits Section 3. Limits for voltage fluctuations and flicker in low-voltage supply systems for equipment with rated current $\leq 16A$
EN 61000-4-4:2012	Electromagnetic compatibility (EMC) – Part 4-4: Testing and measurement techniques – Electrical fast transients/burst immunity test, Level 3
EN 61000-4-5:2014	Electromagnetic compatibility (EMC) – Part 4-5: Testing and measurement techniques – Surge immunity test, Level 3
EN 55103-2:2009	Electromagnetic compatibility — Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use — Part 2: Immunity, Class E3
EN 61547:2009	Equipment for general lighting purposes – EMC immunity requirements
EN 50581:2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

**Signed for and on behalf of:**

Signature:	
Name:	Printed Name: Andersen, Asger Kastrup
Function:	Function/Title: Sr. Director, Lighting R&D / Engineering
Place issued:	Harman Professional Denmark ApS Olof Palmes Allé 44 8200 Aarhus N, Denmark
Date issued:	2021-03-25

**Euperan Representative's Name and Address:**

Name:	Harman Professional Denmark ApS
Function:	EU regulatory address
Address:	Olof Palmes Allé 44 8200 Aarhus N, Denmark