



EU-DECLARATION OF CONFORMITY (DoC)

We

Company Name:	Harman International Industries, Inc.
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declare that the DoC is issued under our sole responsibility and belongs to the following product:

Apparatus Model/Product:	MAC Aura
Type:	LED moving head

Object of the declaration:

The MAC Aura is an award-winning wash light that lighting designers have turned to the world over due to its versatility as a powerful beam and wash luminaire of the highest caliber.



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 (After April 20 th , 2016)
2014/30/EU	The Electromagnetic Compatibility Directive and its amending Directives
2001/95/EC	General Product Safety Directive (GPSD) (USE IF OUT OF VOLTAGE RANGE FOR LVD)
2011/65/EU	Restriction of Hazardous Substances (RoHS2) directive

The following harmonized standards and technical specifications have been applied:


EN 60598-2-17:1989 + A2:1991	Luminaires - Part 2: Particular requirements - Section 17: Luminaires for stage lighting, television film and photographic studios (outdoor and indoor)
EN 55015:2013	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN55032: 2012 + AC:2013	Electromagnetic compatibility of multimedia equipment – Emission requirements, Class B
EN61000-3-2: 2014	Electromagnetic Compatibility Part 3. Limits Section 2. Limits for harmonic current emissions (equipment input current #16A per phase)
EN61000-3-3: 2013	Electromagnetic Compatibility Part 3. Limits Section 3. Limits for voltage fluctuations and flicker in low-voltage supply systems for equipment with rated current #16A
EN61000-4-2:2009 Ed. 2.0	Electromagnetic compatibility (EMC) – Part 4-2: Testing and measurement techniques – Electrostatic discharge immunity test
EN61000-4-3: 2006 + A1:2008 + A2: 2010 Ed. 3.2	Electromagnetic compatibility (EMC) – Part 4-3: Testing and measurement techniques – Radiated, radio-frequency, electromagnetic field immunity test



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EN61000-4-4:2012 Ed. 3.0	Electromagnetic compatibility (EMC) – Part 4-4: Testing and measurement techniques – Electrical fast transients/burst immunity test, Level 3
EN61000-4-5:2014 Ed. 3.0	Electromagnetic compatibility (EMC) – Part 4-5: Testing and measurement techniques – Surge immunity test, Class 3
EN61000-4-6:2014 Ed. 4.0	Electromagnetic compatibility (EMC) Part 4-6: Testing and measurement techniques – Immunity to conducted disturbances, induced by radio frequency fields
EN61000-4-11:2004-03 Ed. 2.0	Electromagnetic compatibility (EMC) – Part 4-11: Testing and measurement techniques – voltage dips, short interruptions and voltage variations immunity tests
EN 62471:2008	Photobiological safety of lamps and lamp systems

Signed for and on behalf of:

Signature:	Signature  02/25/19
Name:	Printed Name: McKean, Robert
Function:	Function/Title: Director, Test & Validation, Engineering / R&D Shenzhen Design Center
Place issued:	Harman Technology (Shenzhen) Co., Ltd. 20F, China Merchants Port Plaza, No. 1/ Gongye 3 rd road, Shekou, Nanshan Shenzhen 518067, China
Date issued:	<i>Date Signed</i>

European Representative's Name and Address: (OPTIONAL)

Name:	HARMAN Professional Inc.
Function:	Function/Title
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