

We

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

Apparatus Model/Product:	VDO Atomic Bold
Type:	Stage luminaire
Document Number:	1900405020210811UK

Object of the declaration:

The VDO Atomic Bold features a high power RGBW (Red/Green/Blue/White) LED main beam, and an array of 72 RGB LEDs, which provide the Aura effect. As the fixture is fully IP65-rated, it is suitable for both indoor and temporary outdoor applications.



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


UK SI 2016 No. 1101	The Electrical Equipment (Safety) Regulations 2016
UK SI 2016 No. 1091	Electromagnetic Compatibility Regulations 2016
UK SI 2012 No. 3032	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (RoHS2)

The following harmonized standards and technical specifications have been applied:

BS EN 60598-2-17:2018	Luminaires - Part 2: Particular requirements - Section 17: Luminaires for stage lighting, television film and photographic studios (outdoor and indoor)
BS EN 62493:2015	Assessment of lighting equipment related to human exposure to electromagnetic fields
BS EN IEC 55015:2019	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
BS EN 55032: 2015	Electromagnetic compatibility of multimedia equipment – Emission requirements, Class B
BS EN IEC 61000-3-2:2019	Electromagnetic Compatibility Part 3. Limits Section 2. Limits for harmonic current emissions (equipment input current ≤16A per phase)

BS EN 61000-3-3: 2013+A1:2019	Electromagnetic Compatibility Part 3. Limits Section 3. Limits for voltage fluctuations and flicker in low-voltage supply systems for equipment with rated current #16A
BS EN IEC 61000-3-11:2019	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 $\leq 75A$ and subject to conditional connection *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 0.44Ω at 50 Hz.
BS EN 61547:2009	Equipment for general lighting purposes – EMC immunity requirements
BS EN 55035: 2017	Electromagnetic compatibility of multimedia equipment – Immunity requirements
BS EN 63000:2018	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:	Asger Andersen
Function:	Sr. Director, Lighting R&D
Place issued:	Harman Professional, Inc. Olof Palmes Allé 44 8200 Aarhus N, Denmark
Date issued:	August 11, 2021

UK Representative's Name and Address:

Name:	Harman Professional Solutions
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