



UK Declaration of Conformity

according to the UK Statutory Instruments

Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres 2016 No. 1107

Electromagnetic Compatibility 2016 No. 1091

RoHS 2012 No. 3032

The devices:

Manufacturer:

Pfannenber GmbH

Authorized Representative:

Pfannenber (UK) Ltd.

Unit 6C, Aspen Court, Bessemer Way

Centurion Business Park

S60 1FB Templeborough, Rotherham, UK

Product:

LED Light

Type:

Quadro LED-RGB-3G/3D

Type Examination Certificate: PDG 20.0008 X

were developed, designed and manufactured to comply with the above-mentioned UK Statutory Instruments, under the sole responsibility of:

**Pfannenber GmbH
Werner-Witt-Str. 1
D-21035 Hamburg**

Applied designated standards:

EN IEC 60079-0:2018

Explosive atmospheres - Part 0 Equipment - General requirements

EN 60079-15 2010

Explosive atmospheres - Part 15. Equipment protection by type of protection "n"

EN 60079-31 2014

Explosive atmospheres - Part 31 Equipment dust ignition protection by enclosure "t"

EN 61000-6-2 2005 + AC 2005

Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments

EN 61000-6-3 2007 + A1 2011+

Electromagnetic compatibility (EMC) - Part 6-3 Generic standards - Emission standard for residential, commercial and light-industrial environments

AC 2012

EN 50130-4:2011 + A1:2014

Alarm systems - Part 4: Electromagnetic compatibility - Product family standard Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems

EN IEC 63000 2018

Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Other technical standards and specifications applied:

EN 60947-1:2007 + A1:2011 +
A2 2014

Low-voltage switchgear and controlgear - Part 1: General rules

EN IEC 60598-1 2021 + A11 2022

Luminaires - Part 1 General requirements and tests

EN 62471 2008

Photobiological safety of lamps and lamp systems

EN 981:1996+A1:2008

Safety of machinery - System of auditory and visual danger and information signals

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