

Declaration of Conformity

according to the UK regulations

2016 No. 1091
2012 No. 3032

The Electromagnetic Compatibility Regulations 2016
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

The devices:
Manufacturer: **Pfannenber GmbH**
Product: **Flashing Light**
Type: **PMF-LED-HI, PMF-LED-HI-M, PMF-LED-HI-SIL**

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

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

The following designated standards were applicable:

EN ISO 12100:2010	Safety of machinery - General principles for design - Risk assessment and risk reduction
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
EN 60947-1:2007 + A1:2011 + A2:2014	Low-voltage switchgear and controlgear - Part 1: General rules
EN 60947-5-1:2017	Low-voltage switchgear and controlgear - Part 5-1: Control circuit devices and switching elements - Electromechanical control circuit devices
EN 60068-2-27:2009	Environmental testing - Part 2-27: Tests - Test Ea and guidance: Shock
EN 62471:2008	Photobiological safety of lamps and lamp systems
EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

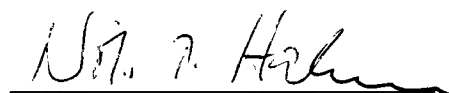
The following other technical specifications were applicable:

EN 61508-1:2010	Functional safety of electrical / electronic / programmable electronic safety-related systems - Part 1: General requirements
EN 61508-2:2010	Functional safety of electrical / electronic / programmable electronic safety-related systems - Part 2: Requirements for electrical / electronic / programmable electronic safety-related systems
EN 61508-3:2010	Functional safety of electrical / electronic / programmable electronic safety-related systems - Part 3: Software requirements
EN 61511-1:2017 + A1:2017	Functional safety - Safety instrumented systems for the process industry sector - Part 1: Framework, definitions, system, hardware and application programming Requirements
EN 12352:2006	Traffic control equipment - Warning and safety light devices
EN 50129:2003	Railway applications - Communications, signalling and processing systems - Safety related electronic systems for signalling

The manufacturer is in possession of the technical documentation, the installation/operation instruction is attached to the device. The safety references are to be considered. This explanation certifies the agreement with the guidelines mentioned. Year of affixing the UKCA-mark :21

Hamburg, September-21

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Nils-Peter Halm
Technical Director