

Declaration of Conformity

according to the UK regulations

2016 No. 1101
2016 No. 1091
2012 No. 3032

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

The devices:
Manufacturer: **Pfannenberg GmbH**
Product: **LED Lights**
Type: **Quadro-LED-HI, ABS LED HI, ABL LED HI**

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

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

The following designated standards were applicable:

| | |
|-------------------------------------|---|
| EN 61000-6-2:2005 + AC:2005 | Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments |
| EN 61000-6-4:2007 + A1:2011 | Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments |
| EN 60529:1991 + A1:2000 + A2:2013 | Degrees of protection provided by enclosures (IP Code) |
| 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 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 |

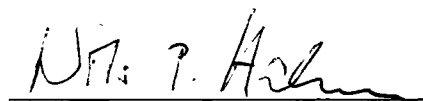
The following other technical specifications were applicable:

| | |
|---------------------|---|
| EN 50102:1995 | Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code) |
| EN 842:1996+A1:2008 | Safety of machinery - Visual danger signals - General requirements, design and testing |
| EN 60068-2-27:2009 | Environmental testing - Part 2-27: Tests - Test Ea and guidance: Shock |
| EN 60068-2-6:2008 | Environmental testing - Part 2-6: Tests - Test Fc: Vibration (sinusoidal) |

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