

EU Declaration of Conformity

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Ireland

This declaration of conformity is under the sole responsibility of the manufacturer.

Object of the declaration: **Self Ballasted LED Lamp (HV-GSZB278B/27 (E27) / HV-GSZB228B/27 (B22))**

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

| Legislation | Title |
|-------------------------------------|--|
| Directive 2014/53/EU | Radio Equipment Directive |
| Directive 2011/65/EU 2015/863/EU | Restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) |
| Directive 2012/19/EU | Waste Electrical and Electronic Equipment (WEEE) Directive |
| Directive 2009/125/EC | Energy Related Products Directive (ERP) |

For the evaluation of compliance, the following specifications were applied:

| Category | Specification | Description |
|-----------------|--------------------------------------|--|
| EMC: | EN 61547 :2009 | Equipment for general lighting purposes. EMC immunity requirements |
| | EN 61000-3-2 :2019 +A1:2021 | Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) |
| | EN 61000-3-3 :2013 +A1:2019 +A2:2021 | Electromagnetic compatibility (EMC). Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection |
| | EN 301 489-1 v2.2.3 :2019 | Electromagnetic compatibility and Radio Spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements |
| | EN 301 489-17 v3.2.4 :2020 | Electromagnetic compatibility and Radio Spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems |
| | EN 55015 :2019 +A11:2020 | Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment |
| Radio Spectrum: | EN 300 328 v2.2.2 :2019 | Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques |
| | EN 50663 :2017 | Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz) |
| Safety: | EN 62560 :2012 +A1:2015 | Self-ballasted LED-lamps for general lighting services by voltage ≤ 50 V. Safety specifications |
| | EN 62778 :2014 (2 nd ED) | Assessment of blue light hazard to light sources and luminaires |

Additional Information:

Conformity of this product with the requirements of the directive 2014/53/EU has been reviewed according to **Module A**.

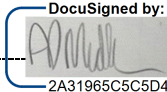
I hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced specification. The unit complies with all applicable Essential requirements of the applicable directives.

Signed for and on behalf of Centrica Hive Limited:

Place and Date of Issue: Windsor UK, _____

Name: Andrew Middleton _____

Position: Managing Director _____

Signature: _____

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