

EU Declaration of Conformity

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Centrica Hive Limited
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This declaration of conformity is under the sole responsibility of the manufacturer.

Object of the declaration: **Self Ballasted LED Lamp (HV-GUZH5/27)**

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	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 300 328 v2.1.1 :2016	Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques
	EN 301 489-1 v2.2.0 :2017	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services
	EN 301 489-17 v3.2.0 :2017	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems
	EN 61547 :2009	Equipment for general lighting purposes. EMC immunity requirements
Radio Spectrum:	EN 55015 :2013 + A1 :2015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
Safety:	EN 62560 :2012 + A1 :2015	Self-ballasted LED-lamps for general lighting services by voltage ≤ 50 V. Safety specifications
	EN 62471 :2008	Photobiological safety of lamps and lamp systems
	EN 62493 :2010	Assessment of lighting equipment related to human exposure to electromagnetic fields
	EN 62479 :2010	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)
RoHS	EN 62321 :2009	Electrotechnical products. Determination of levels of six regulated substances (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers)
	EN 62321-1 :2013	Determination of certain substances in electrotechnical products. Introduction and overview
	EN 62321-2 :2013	Determination of certain substances in electrotechnical products. Disassembly, disjointment and mechanical sample preparation
ERP:	EU 1194/2012	Refer to Annex III of EU 1194/2012

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: London 29 January 2019

Name: RACHEL CALLAGHAN

Position: DIRECTOR CENTRICA HIVE LIMITED

Signature: Ru.