



EU Declaration of Conformity

Document No.: 20251205_01_V1
Year in which CE Mark was first affixed: 2025

1. Product Range / Model:

Product Range / Model:	NAME: LED Luminaire DESCRIPTION: LED downlight BRAND: PHILIPS
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2. Manufacturer Name & Address:

Signify
I.B.R.S./C.C.R.I. /Numéro 10461
5600 VB Eindhoven, The Netherlands

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

4. Object of the declaration:

Product Code:	See Annex Specification of the products
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5&6. The object of the declaration described above is in conformity with the following relevant Union harmonization legislation and with the applicable requirements of the following harmonized standards and technical specifications:

Radio Equipment Directive 2014/53/EU and applicable Delegated Regulations	
EN 18031-1:2024	Common security requirements for radio equipment. Part 1: Internet connected radio equipment
EN 18031-2:2024	Common security requirements for radio equipment. Part 2: Radio equipment processing data, namely Internet connected radio equipment, childcare radio equipment, toys radio equipment and wearable radio equipment
EN 18031-3:2024	Common security requirements for radio equipment. Part 3: Internet connected radio equipment processing virtual money or monetary value
ETSI EN 301 489-17 V3.3.1: 2024-09	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services. Part 17: Specific conditions for Broadband Data Transmission Systems. Harmonised Standard for ElectroMagnetic Compatibility
ETSI EN 301 489-17 V3.2.4: 2020-09	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services. Part 17: Specific conditions for Broadband Data Transmission Systems. Harmonised Standard for ElectroMagnetic Compatibility
ETSI EN 301 489-1 V2.2.3: 2019-11	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services. Part 1: Common technical requirements. Harmonised Standard for ElectroMagnetic Compatibility
ETSI EN 300 328 V2.2.2: 2019-07	Wideband transmission systems. Data transmission equipment operating in the 2,4 GHz band. Harmonised Standard for access to radio spectrum
EN IEC 55015: 2019 + A11:2020	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN IEC 61547:2023	Equipment for general lighting purposes. EMC immunity requirements
EN IEC 61000-3-2:2019 + A1:2021 +A2:2024	Electromagnetic compatibility (EMC). Part 3-2: 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). Part 3-3: 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 62493:2015+A1:2022	Assessment of lighting equipment related to human exposure to electromagnetic Field
EN IEC 60598-1:2021 + A11:2022	Luminaires. Part 1: General requirements and tests
EN IEC 60598-2-2:2024	Luminaires - Part 2-2: Particular requirements - Recessed luminaires and recessed air-handling luminaires
EN 62493:2015 + A1: 2022	Assessment of lighting equipment related to human exposure to electromagnetic fields
EN IEC 62311: 2020	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz to 300 GHz)



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EcoDesign requirements for energy-related products Directive (ErP), 2009/125/EC and applicable Implementing Measures

Commission Regulation (EU) 2019/2020 and amendment Commission Regulation (EU) 2021/341

EN IEC 62717:2017+A2:2019: LED modules for general lighting - Performance requirements

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU and applicable Delegated Directives

EN IEC 63000:2018

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

7. Additional information: The products in this declaration are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents.

Signed for and on behalf of:

Dec. 5, 2025 (Revised Feb 6, 2026)

Building 9, Lane 888, Tianlin Road,
Minhang District, Shanghai

Mr. Chen Liang



Quality Head of Line of Business Wiz Connected
Consumer Business
Signify



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Annex: Specification of the products:

12NC	Model Name	Product Description	EAN1
929004665321	9290046653	PHI WFB RGB RD 4W D80 822-65 1PF/6	8721103152701
929004791321	9290047913	PHI WFB RGB RD 20W D200 822-65 1PF/6	8721103152725