

UK Declaration of Conformity



Document number: 2021 / PLC1AY-EN-89

Manufacturer or representative: Pamir Lighting

Address: Fetih Mah.
Seyhulema
Recepaga Cad.
No:262 Karatay
Konya
TURKEY

Brand name or trade mark: Pamir Lighting

Product type: LED Lighting Fixture

Product designation: **Downlight Series LED
Lighting Fixture**

The designated product(s) is (are) in conformity with the relevant legislation:

**UK SI 2016 No. 1091
and amendments**

The Electromagnetic Compatibility Regulations 2016

**UK SI 2016 No. 1101
and amendments**

The Electrical Equipment (Safety) Regulations 2016

**UK SI 2019 No. 539
and amendments**

The Ecodesign for Energy-Related Products and Energy Information (Amendment) (EU Exit) Regulations 2019

**UK SI 2012 No. 3032
and amendments**

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

Place and date of signatures: Karatay/Konya, 2021-07-27

Signatures:

Eng. Burak ERDOĞAN
Electrical & Electronics Engineer
Laboratory Manager

Laboratory Manager

Eng. Necdet PAMIR
Industrial Engineer
Managing Partner

Managing Partner

Names:

Mr. Burak Erdoğın

Mr. Necdet Pamir

UK SI 2016 No. 1091 and amendments

The conformity of the designated product(s) with the provisions of this statutory instrument is given by the compliance with the following standard(s) or other specifications.

If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

| | |
|----------------------|--|
| EN 61000-4-2 | Electromagnetic compatibility (EMC) -- Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test |
| EN 61000-4-3 | Electromagnetic compatibility (EMC)- Part 4-3: Testing and measurement techniques- Radiated, radio-frequency, electromagnetic field immunity test |
| EN 55015 | Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment |
| EN 61000-4-11 | Electromagnetic compatibility (EMC) Testing and measurement techniques. Voltage dips, short interruptions and voltage variations immunity tests |
| EN 61000-4-8 | Electromagnetic compatibility (EMC) Testing and measurement techniques. Power frequency magnetic field immunity test |
| EN 61000-4-6 | Electromagnetic compatibility (EMC) Testing and measurement techniques. Immunity to conducted disturbances, induced by radio-frequency fields |
| EN 61000-4-5 | Electromagnetic compatibility (EMC) Testing and measurement techniques. Surge immunity test |
| EN 61000-4-4 | Electromagnetic compatibility (EMC) Testing and measurement techniques. Electrical fast transient/burst immunity test |
| EN 61000-3-3 | 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 61000-3-2 | Electromagnetic compatibility (EMC) Limits. Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) |

UK SI 2016 No. 1101 and amendments

The conformity of the designated product(s) with the provisions of this statutory instrument is given by the compliance with the following standard(s) or other specifications.

If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

| | |
|-----------------------|---|
| EN 62031 | LED modules for general lighting — Safety specifications |
| IEC 60695-11-5 | Fire hazard testing - Part 11-5: Test flames - Needle-flame test method - Apparatus, confirmatory test arrangement and guidance |
| EN 60512-20-1 | Connectors for electronic equipment. Tests and measurements Fire hazard tests. Test 20a. Flammability, needle-flame |
| IEC 60112 | Method for the determination of the proof and the comparative tracking indices of solid insulating materials |

| | |
|-----------------------|--|
| EN 60598-1 | Luminaires General requirements and tests |
| EN 60598-2-2 | Luminaires Particular requirements - Recessed luminaires |
| IEC 60695-2-11 | Fire hazard testing - Part 2-11: Glowing/hot-wire based test methods - Glow-wire flammability test method for end products (GWEPT) |
| IEC 62262 | Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code) |

UK SI 2019 No. 539 and amendments

The conformity of the designated product(s) with the provisions of this statutory instrument is given by the compliance with the following standard(s) or other specifications.

If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

(EU) 2019/2020 and amendments

UK SI 2012 No. 3032 and amendments

The conformity of the designated product(s) with the provisions of this statutory instrument is given by the compliance with the following standard(s) or other specifications.

If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

| | |
|-----------------------|--|
| EN 63000: 2018 | Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances |
|-----------------------|--|

List of models:

PLC1AY10C225
PLC1AY10C325
PLC1AY15C335
PLC1AY10C425
PLC1AY14C435
PLC1AY21C45
PLC1AY14C635
PLC1AY21C65
PLC1AY29C67
PLC1AY14C835
PLC1AY21C85
PLC1AY29C87