

UK Declaration of Conformity



Document number: 2021 / PL18A-EN-43

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: **Optimum 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

Eng. Necdet PAMIR
Industrial Engineer
Managing Partner

Laboratory Manager

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
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List of models:

PL18A9C02C PL18A27C02C
PL18A9C03C PL18A27C03C
PL18A9C04C PL18A27C04C
PL18A12C02C PL18A30C02C
PL18A12C03C PL18A30C03C
PL18A12C04C PL18A30C04C
PL18A15C02C
PL18A15C03C
PL18A15C04C
PL18A18C02C
PL18A18C03C
PL18A18C04C
PL18A21C02C
PL18A21C03C
PL18A21C04C
PL18A24C02C
PL18A24C03C
PL18A24C04C