

EC - Declaration of Conformity



Document Number: 2019 / PL18A_en
Manufacturer or representative: PAMIR ELEKTRIK SAN. VE TIC. LTD. STI.
Address: Fetih Mah. Seyhulema
Recepaga Cad. No. 262
Karatay – Konya / TURKEY
Brand name or trademark: Pamir Lighting
Product Type: LED LIGHTING FIXTURE
Product designation : **OPTIMUM LED RECESSED LIGHTING FIXTURE**
Product range: See attached list in the annex

The designated product(s) is (are) in conformity with the provisions of the following European directives.

- 2014/35/EU**
and amendments **Directive of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits. (LVD).**
- 2014/30/EU**
and amendments **Directive of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of the Member States relating to electromagnetic compatibility. (EMC).**
- 2011/65/EU**
and amendments **Directive of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.**
- 2017/1369/EU**
and amendments **Directive of the European Parliament and of the Council of 19 May 2010 on the indication by labeling and standard product information of the consumption of energy and other resources by energy-related products (Energy Labeling).**

Further information regarding compliance with these directives is given in the **annex** which constitutes a part of this declaration.

Last two (2) digits of the year the marking was affixed: **CE 14**

Place and date of signatures: Konya, 11 February 2019

Signatures:

Eng. Burak ERDOĞAN
Electrical & Electronics Engineer
Laboratory Manager

Names:
Laboratory Manager
Burak ERDOĞAN

Eng. Necdet PAMIR
Industrial Engineer
Managing Partner

Managing Partner
Necdet Pamir

This declaration of conformity is issued under the sole responsibility of the manufacturer. It certifies compliances with the indicated Directives, but implies no warranty of properties.

EC – Declaration of Conformity



Annex

The conformity of the designated product(s) with the provisions of the European Directive **2014/35/EU** is given by the compliance with the following European Standard(s). If not elsewhere/otherwise indicated the edition / amendment as referenced below applies.

- | | | |
|-------------------------------------|--|--|
| <input checked="" type="checkbox"/> | EN 60598-1:
2015 | Luminaires - Part 1: General requirements and tests |
| <input type="checkbox"/> | EN 60598-2-1:
1989 | Luminaires - Part 2: Particular requirements - Section 1: Fixed general purpose luminaires |
| <input checked="" type="checkbox"/> | EN 60598-2-2:
2012 | Luminaires - Part 2: Particular requirements – Section 2: Recessed luminaires |
| <input type="checkbox"/> | EN 62722-2-1:
2016 | Luminaire performance. Particular requirements for LED Luminaires |
| <input type="checkbox"/> | EN 60598-2-3:
2003 + corrigendum Aug. 2005 | Luminaires - Part 2: Particular requirements – Section 3: Luminaires for road and street lighting |
| <input type="checkbox"/> | EN 60598-2-4:
1997 | Luminaires - Part 2: Particular requirements - Section 4: Portable general purpose luminaires |
| <input type="checkbox"/> | EN 60598-2-5:
2015 | Luminaires - Part 2: Particular requirements – Section 5: Floodlights |
| <input type="checkbox"/> | EN 60598-2-22:
2014 +AC:2015 | Luminaires - Part 2: Particular requirements – Section 22: Luminaires for emergency lighting |
| <input type="checkbox"/> | EN 60598-2-25:
1994 + A1:2004 | Luminaires - Part 2: Particular requirements – Section 25: Luminaires for use in clinical areas of hospitals and health care buildings |
| <input checked="" type="checkbox"/> | EN 62031:
2008 +A1:2013 +A2:2015 | LED modules for general lighting - Safety specifications |
| <input checked="" type="checkbox"/> | EN 62471:
2008 | Photobiological safety of lamps and lamp system (incl.IEC/TR 62471-2) |

EC – Declaration of Conformity



Annex

The conformity of the designated product(s) with the provisions of the European Directive **2014/30/EU** is given by the compliance with the following European Standard(s). If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

- EN 55015:**
2013 Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
- EN 61000-3-2:**
2014 Electromagnetic compatibility (EMC) – part 3: Limits – section 2: Limits for harmonic current emissions (equipment input current ≤ 16 A per Phase)
- EN 61000-3-3:**
2013 Electromagnetic compatibility (EMC) – Part 3: Limits – Section 3: Limitation of voltage changes, voltage fluctuations and flicker in public Low-voltage supply systems, for equipment with rated current ≤ 16 A
- EN 61547:**
2019 Equipment for general lighting purposes - EMC immunity requirements

The conformity of the designated product(s) with the provisions of the European Directive **2011/65/EU** is given by the compliance with the following European Standard(s). If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

- EN 50581:**
2012 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.
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EC – Declaration of Conformity



Annex

Attached list

Product(s) range conformable to this Declaration

This Declaration of Conformity is referring to the following product range, manufactured with an integral led module and/or an integral or independent led control gear.

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