

**CE Declaration of Conformity
No. 18/01**

Producer TAKTON OÜ

Address Sõpruse pst. 145, Tallinn, 13417 Estonia

Products: **Luminaires:** DCW 111-120 LED040 37W I Standard, DCW 111-120 LED072 50W I High flux V2, DCW 111-120 LED040 29W I High Flux, DCW 111-120 LED052 38W I PMMA IP65, DCW 111- 150 LED050 44W I Standard, DCW 111 150 LED065 48W I PMMA IP65, DCW 111-150 LED090 62W High flux V1, DCW 114-120 LED145 108W I HF, DCW 114-120 LED080 56W HF, DCW 114-120 LED100 68W I PMMA IP65, DCW 114-120 LED052 38W I PMMA IP65, DCW 114-150 LED065 48W I PMMA IP65, DCW 114-150 LED077 56W I PMMA IP65, DCW 114-150 LED100 66W HF, DCW 114-150 LED115 88W I PMMA IP65, DCW 114-150 LED120 88W HF, DCW 114-150 LED190 125W HF

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

2006/95/EC
and amendments Directive of the European Parliament and of the Council of 12 December 2006 on the harmonisation of the laws of Member States relating to electrical equipment designed for use within certain voltage limits

2004/108/EC
and amendments Directive of the European Parliament and of the Council of 15 September 2004 on the approximation of the laws of the Member States relating to electromagnetic compatibility

2009/125/EC
and amendments Directive of the European Parliament and of the Council of 21 October 2009 establishing a framework for the setting of ecodesign requirements for energy- related products

1194/2012
and amendments Commission Regulation (EU) No 1194/2012 of 12 December 2012 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for directional lamps, light emitting diode lamps and related equipment

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

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

Last digits of the year in which the CE marking was affixed: 17

Place and date of signature: Laki 26, Tallinn, Estonia 12915

TAKTON OU
2018/ 03/ 21

General Manager

Valery Nechaev

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

CE-Declaration of Conformity Annex

The conformity of the designated product(s) with the provisions of the European Directive **2006/95/EC** is given by the compliance with the following European Standard(s) or other specifications.

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| 1. EN 60598-2-1 | Luminaires. Part 2: Particular requirements. Section 1: Fixed general purpose luminaires. |
| 2. EN 60598-1 | Luminaires. Part 1: General requirements and tests. |
| 3. EN 61347-2-13: 2006 | Lamp controlgear — Part 2-13: Particular requirements for d. c. or a. c. supplied electronic controlgear for LED modules. |
| 4. EN 62031: 2008 +A1:2013 | LED modules for general lighting — Safety specifications |
| 5. EN 62493: 2010 | Assessment of lighting equipment related to human exposure to electromagnetic fields |
| 6. IEC 34D/1110/FDIS | (blue light hazard requirements only) |
| 7. EN 55015:
2006 + A1:2007 +A2:2009 | Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment |
| 8. EN 61000-3-2:
2006 + A1:2009 + A2:2009 | Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current < 16 A per phase) |
| 9. EN 61000-3-3: 2008 | 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 subjected to conditional connection |
| 10. EN 61547: | Equipment for general lighting purposes — EMC immunity requirements |
| 11. EN 61347-1:
2008 +A1:2011 + A2:2013 | General and safety requirements |
| 12. EN 61347-2-3: 2011 | Lamp controlgear — Part 2-3: Particular requirements for a. c. supplied electronic ballasts for fluorescent lamps |
| 13. EN 61347-2-8:
2001 + Corrigendum :2003
+ A1:2006 + Corrigendum:2010 | Lamp controlgear — Part 2-8: Particular requirements for ballasts for fluorescent lamps |

Complementary information:

Main characteristics: voltage 230V, frequency 50Hz:

DCW 111-120 LED040 37W I Standard, DCW 111-120 LED072 50W I High flux V2, DCW 111-120 LED040 29W I High Flux, DCW 111-120 LED052 38W I PMMA IP65, DCW 111- 150 LED050 44W I Standard, DCW 111 150 LED065 48W I PMMA IP65, DCW 111-150 LED090 62W High flux V1, DCW 114-120 LED145 108W I HF, DCW 114-120 LED080 56W HF, DCW 114-120 LED100 68W I PMMA IP65, DCW 114-120 LED052 38W I PMMA IP65, DCW 114-150 LED065 48W I PMMA IP65, DCW 114-150 LED077 56W I PMMA IP65, DCW 114-150 LED100 66W HF, DCW 114-150 LED115 88W I PMMA IP65, DCW 114-150 LED120 88W HF, DCW 114-150 LED190 125W HF - IP65/66/67, Electric shock protection class II, Shock resistance IK05/08/10.