TAKTON

TAKTON OÜ · Savi tn 7, Pärnu 80041, Estonia · www.takton.ee

EU Declaration of Conformity

in accordance with Regulation (EC) No 765/2008, Annex III

1. PRODUCT

Product family / platform	DCW097 (110 V DC)
Product description	Waterproof LED batten luminaire for 110 V DC systems (electric transport power substations)
Manufacturer	TAKTON OÜ, Savi tn 7, Pärnu 80041, Estonia
Document No.	TAKTON-DOC-DCW097DC110-001, rev 1.0

2. OBJECT OF THE DECLARATION – COVERED PLATFORM

This declaration covers the DCW097 (110 V DC) platform as a whole – all power/flux tiers and control, cable-entry and accessory configurations of this model family – rather than listing each individual order code. The specific configuration is identified by its model designation and configuration suffix on the product label and delivery documentation.

Model designations	DCW097, 110 V DC platform
Luminous flux range	3 600 – 5 000 lm
Power	32 W
Rated input	110 V DC
Driver	TAKTON DC LED driver
Initial efficacy	112 lm/W
Colour rendering	CRI > 80
Protection class	Class II
Ingress protection	IP66
Impact resistance	IK05 as standard, IK08 as option
Housing / body material	Flame-retardant glass-fibre reinforced polyester; PMMA diffuser standard, PC optional
Ambient temperature range	−20 °C to +35 °C
Warranty period	5 years

3. APPLICABLE UNION LEGISLATION

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

- Low Voltage Directive 2014/35/EU
- Electromagnetic Compatibility Directive 2014/30/EU
- RoHS Directive 2011/65/EU as amended by Directive (EU) 2015/863
- Ecodesign Regulation (EU) 2019/2020 and Energy Labelling Regulation (EU) 2019/2015 (light source obligations)

4. HARMONISED STANDARDS APPLIED

Safety (LVD):

- EN 60598-1:2015 + A1:2018 – Luminaires: general requirements and tests
- EN 60598-2-1:1989 – Particular requirements: fixed general purpose luminaires

Electromagnetic compatibility (EMC):

- EN 55015:2019 + A11:2020 – Radio disturbance characteristics of electrical lighting
- EN 61547:2009 – Immunity requirements for general lighting equipment

- EN IEC 61000-3-2:2019 – Limits for harmonic current emissions
- EN 61000-3-3:2013 + A1:2019 – Voltage changes, fluctuations and flicker

Hazardous substances (RoHS):

- EN IEC 63000:2018 – Assessment of electrical and electronic products with respect to the restriction of hazardous substances

5. DECLARATION

This declaration of conformity is issued under the sole responsibility of the manufacturer. The object of the declaration described above is in conformity with the relevant Union harmonisation legislation listed in Section 3 and bears the CE marking accordingly.

Signed for and on behalf of TAKTON OÜ:

Valery Nechaev
Managing Director
Pärnu, Estonia · January 2026