TAKTON

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

UK Declaration of Conformity

in accordance with Schedule of applicable UK legislation

1. PRODUCT

Product family / platform	DCW097 (230 V AC / 220 V DC)
Product description	Waterproof LED batten luminaire for dual-rated 230 V AC / 220 V DC mains supply (electro power substations, 330 V DC current sources)
Manufacturer	TAKTON OÜ, Savi tn 7, Pärnu 80041, Estonia
UK Responsible Person	Vadim Nechaev, London, United Kingdom
Document No.	TAKTON-DOC-DCW097HVDC-UK-001, rev 1.0

2. OBJECT OF THE DECLARATION – COVERED PLATFORM

This declaration covers the DCW097 (230 V AC / 220 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, dual-rated AC/DC platform
Luminous flux range	2 500 – 11 500 lm
Power range	16 – 74 W
Rated input	AC: 198 – 264 V, 50–60 Hz – DC: 168 – 275 V
Driver	Philips Xitanium driver
Initial efficacy	up to 170 lm/W
Colour rendering	CRI > 80
Protection class	Class I as standard, Class II on request
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 UK LEGISLATION

The object of the declaration described above is in conformity with the relevant statutory requirements:

- The Electrical Equipment (Safety) Regulations 2016
- The Electromagnetic Compatibility Regulations 2016
- The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012
- The Ecodesign for Energy-Related Products and Energy Information Regulations 2021 (light source obligations)

4. DESIGNATED STANDARDS APPLIED

Safety:

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

Electromagnetic compatibility:

- BS EN 55015:2019 + A11:2020 – Radio disturbance characteristics of electrical lighting
- BS EN 61547:2009 – Immunity requirements for general lighting equipment
- BS EN IEC 61000-3-2:2019 – Limits for harmonic current emissions
- BS EN 61000-3-3:2013 + A1:2019 – Voltage changes, fluctuations and flicker

Hazardous substances:

- BS 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 UK legislation listed in Section 3 and bears the UKCA marking accordingly.

Signed for and on behalf of TAKTON OÜ:

Valery Nechaev
Managing Director
Pärnu, Estonia · January 2026