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	DCW116
Product description	Waterproof LED luminaire for high-output and high-temperature applications
Manufacturer	TAKTON OÜ, Savi tn 7, Pärnu 80041, Estonia
Document No.	TAKTON-DOC-DCW116-001, rev 1.0

2. OBJECT OF THE DECLARATION – COVERED PLATFORM

This declaration covers the DCW116 platform as a whole – all lengths, power/flux tiers, cable-entry, control and accessory configurations of this model family offered in the current TAKTON price list – rather than listing each individual order code. The platform is identified by its model designation (e.g. "DCW116-120") and configuration suffix on the product label and delivery documentation.

Model designations	DCW116-120 (1172 mm) and DCW116-150 (1452 mm)
Luminous flux range	5 740 – 25 000 lm
Power range	38 – 152 W
Colour rendering / CCT	4000 K (840 colour code); CRI > 80 (platform default, see note)
Rated supply voltage	220 – 240 V AC, 50–60 Hz (platform default, see note)
Protection class	Class I
Ingress protection	IP66 (GRP body, PMMA diffuser, HT65 high-temperature-rated variants); the highest-output configuration (152 W / 25 000 lm) uses a polycarbonate (PC) diffuser and is rated IP65 – see note below
Housing / diffuser	Glass-reinforced polyester (GRP) body with PMMA diffuser as standard; PC diffuser on the 152 W / 25 000 lm configuration
Available configurations	Standard fixed-output; cable-entry variants (3G1.5, 5G2.5); DALI dimming; integrated emergency conversion (EMG3W3H)
Warranty period	5 years

Note: *The "HT65" designation on the lower-power configurations indicates a high-ambient-temperature-rated variant of this platform (per the product family naming); the exact rated ambient temperature has not been confirmed against a full datasheet and should be verified before formal issue. The 152 W / 25 000 lm configuration uses a different housing/diffuser combination (PC, IP65) from the rest of the platform (GRP/PMMA, IP66); both are covered by this declaration but are not identical constructions.*

Note: *Certain configurations of this platform (order codes with an "EMGxWyH" suffix, e.g. EMG3W3H = 3 W emergency output for 3 hours autonomy) incorporate a self-contained emergency lighting conversion device. These configurations additionally require compliance with EN 60598-2-22 (particular requirements for luminaires for emergency lighting) and EN 61347-2-7 (particular requirements for battery-supplied electronic controlgear for emergency lighting), beyond the general requirements listed in Section 5. The emergency output rating and autonomy are set by the specific converter fitted and should be confirmed against the converter's own documentation.*

Note: *This declaration is prepared from the current TAKTON price list / order-code family table for this platform, not a full technical datasheet. Input voltage, exact ambient temperature range, IK impact rating, driver brand/model and CRI are not stated in that source. Typical TAKTON AC-mains values – 220–240 V AC, 50–60 Hz, CRI > 80 (implied by the 8xx colour-temperature code) – are shown below as the platform default, consistent with the manufacturer's other mains-powered ranges, but should be confirmed against the full technical datasheet for this platform before formal issue.*

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
- EN 60598-2-22:2014 + A1:2020 – Particular requirements: luminaires for emergency lighting (applicable to EMG-suffixed configurations only)

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