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	RWC
Product description	Round wall/ceiling-mounted LED luminaire for parking garages, basements, cellars, warehouses and general lighting
Manufacturer	TAKTON OÜ, Savi tn 7, Pärnu 80041, Estonia
Document No.	TAKTON-DOC-RWC-001, rev 1.0

2. OBJECT OF THE DECLARATION – COVERED PLATFORM

This declaration covers the RWC platform as a whole – all diameters, diffuser shapes and colour-temperature options 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	RWC 290 (ø290 mm), RWC 360 (ø360 mm), RWC 460 (ø464 mm) – cambered or cylindric PMMA diffuser
Luminous flux range	2 100 – 3 900 lm (order-code range shown on the current family table; the general functionality block states an initial efficacy of 120 lm/W across the platform)
Power range	10 – 39 W depending on type (20 / 25 / 30 W for the diffuser variants shown on the current family table)
Colour temperature	4000 K as standard; 3000 K, 5000 K, 6500 K on request
Colour rendering	CRI > 80
Colour tolerance	Initial 3-step MacAdam ellipse
Rated supply voltage	220 – 240 V AC, 50 Hz
Driver	Philips or TCI
Driver efficiency, nominal	0.92
Power factor, nominal	0.93
Protection class	Class I as standard, Class II on request
Ingress protection	IP40
Impact resistance	IK05 (for PMMA diffuser)
LED source median useful life	L80B10, 50 000 hours
Control interface	DALI or motion sensor, wired – see note below
Warranty period	5 years

Note: *The product datasheet lists "wireless connections" as a managing option alongside DALI and motion sensor, but the current order-code family table covers only fixed-output configurations (no DALI, motion-sensor or wireless order codes are listed). This declaration covers the fixed-output configurations shown in that table. A DALI, motion-sensor or wireless-equipped configuration would need to be assessed on its own merits; a wireless (radio) configuration is radio equipment within the meaning of Directive 2014/53/EU / the Radio Equipment Regulations 2017 and would require its own Declaration of Conformity.*

Note: *The datasheet states "Emergency battery operated hours: Yes" but does not give an emergency output rating or autonomy duration, and no emergency-configuration order codes are listed in the family table. An emergency-equipped configuration would incorporate a self-contained emergency lighting conversion device and would additionally require compliance with EN 60598-2-22 and EN 61347-2-7, beyond the general requirements listed in Section 4, once the specific emergency configuration is confirmed.*

__Note:__ The general information table names this size variant “RWC 400” (ø464 mm), while the order-code family table names the same size “RWC460” (ø464 mm). This declaration uses “RWC 460”, matching the order-code table; the naming discrepancy should be confirmed against current production documentation.

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