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	DWL-S
Product description	Square 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-DWLS-001, rev 1.0

2. OBJECT OF THE DECLARATION – COVERED PLATFORM

This declaration covers the DWL-S platform as a whole – all sizes, diffuser materials 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	DWL-S_200 (200×200×90 mm), DWL-S_300 (300×300×90 mm) – PMMA or PC diffuser
Luminous flux range	1 200 – 3 000 lm
Power range	10 – 26 W depending on type
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
Light source	LED module with Osram LED chips
Rated supply voltage	220 – 240 V AC, 50 Hz
Driver	Philips or Tridonic
Driver efficiency, nominal	0.87
Power factor, nominal	0.93
Protection class	Class I or Class II on request
Ingress protection	IP65
Impact resistance	IK05 for PMMA diffuser, IK10 for PC diffuser – see note below
LED source median useful life	L80B20, 50 000 hours – see note below
Control interface	Fixed output, wired – see note below
Warranty period	5 years

Note: *The product datasheet lists "wireless connections" as a managing option alongside DALI, 1–10 V and motion sensor, but the current order-code family table covers only fixed-output configurations (no DALI, 1–10 V, motion-sensor or wireless order codes are listed). This declaration covers the fixed-output configurations shown in that table. A DALI, 1–10 V or motion-sensor-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 an emergency lighting option – Philips TrustSight system, 3 hours autonomy – available only for the DWL-S_300 (300×300×90 mm) configuration, with no separate emergency order code listed. Where fitted, this configuration incorporates 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.*

Note: *The general performance block states the LED source median useful life as L80B20 at 50 000 hours, while the order-code family table states L80/B10 at 50 000 hours for the same products. This declaration follows the more conservative L80B20 rating; the discrepancy should be confirmed against current production documentation.*

__Note:__ The mechanical parameters block states impact resistance as "05 for PMMA diffuser and IK10 for PC diffuser"; the "05" is treated as IK05 (a missing "IK" prefix in the source datasheet).

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