# 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** | DWL-R |
| **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 |
| **UK Responsible Person** | Vadim Nechaev, London, United Kingdom |
| **Document No.** | TAKTON-DOC-DWLR-UK-001, rev 1.0 |

### 2. OBJECT OF THE DECLARATION – COVERED PLATFORM

This declaration covers the DWL-R 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.

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|---|---|
| **Model designations** | DWL-R_260 (ø260×90 mm), DWL-R_360 (ø360×90 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-R_360 (ø360×90 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 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 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