RWC · SURFACE MOUNTED

# RWC 360 C 3100lm 25W I 840 PMMA

Symmetric · 4000 K · IP40 · IK05 · White



## APPLICATION

RWC is a versatile circular LED luminaire with a clean, timeless design and soft, uniform light. Suitable for ceiling, wall or suspended installation in corridors, staircases, entrance areas, offices and public spaces. Available with DALI, motion sensor, wireless control and emergency lighting options.

| 3100 lm | 25 W | 120 lm/W | 4000 K | 80 | IP40 | IK05 | 50 000 h |
|---|---|---|---|---|---|---|---|
| SYSTEM FLUX | INPUT POWER | EFFICACY | CCT | CRI | INGRESS | IMPACT | L90B10 |

## ELECTRICAL PARAMETERS

| | | | |
|---|---|---|---|
| Nominal supply voltage | **230 (220–240) V AC** | Supply voltage range | **220–240 V AC** |
| Type of supply current | **AC** | Supply frequency | **50 Hz** |
| Rated input power | **25W** | Power factor (PF) | **0.93** |
| Driver efficiency at nominal load | **0.88** | Total harmonic distortion (THDi) | **≤ 15%** |
| Protection class (electric shock) | **I** | Inrush current / time | **5A 50µsec** |
| Driver type | **Philips or TCI** | Number of luminaires on MCB 16A type B | **50** |

## PHOTOMETRIC PARAMETERS

| | | | |
|---|---|---|---|
| Luminous flux — system | **3100 lm** | Luminous efficacy — system | **120lm/W** |
| Correlated colour temperature (CCT) | **4000 K** | Colour rendering index Ra (CRI) | **80** |
| Init. CRI tolerance | **±5** | Light distribution type | **Symmetric** |
| Luminaire beam spread | **120°** | Optic type | **Cylindric** |
| Light output ratio (LOR) | **0.85** | Photobiological safety class | **RG0** |
| Colour consistency (SDCM) | **3 MacAdam steps** | Upward light output ratio (ULOR) | **0** |
| Luminous flux tolerance | **±5 %** | | |

## CONSTRUCTION & MATERIALS

| | | | |
|---|---|---|---|
| Luminaire type | **Wall / ceiling luminaire** | Light source type | **LED module** |
| Light source replaceable | **No** | Housing material | **Steel** |
| Reflector material | **PMMA** | Housing coating | **Powder coating** |
| Optical cover material | **PMMA** | Housing colour (RAL) | **White** |
| Mounting type | **Surface wall/ceiling; suspended with accessory** | Overall dimensions (H × W × L) | **70x360x360 mm** |
| Weight (net) | **1.5kg** | Number of gear units | **1** |

## PROTECTION & ENVIRONMENT

| | | | |
|---|---|---|---|
| IP rating — enclosure | **IP40** | Impact resistance class IK | **IK05** |
| Operating temperature range | **-20 … +35 °C** | Glow-wire test | **PMMA 650°C** |

## CONTROL & DIMMING

| | | | |
|---|---|---|---|
| Dimmable | **No** | Control protocol / interface | **on/off** |
| Dimming range | **N/A** | Built-in motion / presence sensor | **On request** |
| Built-in daylight sensor | **On request** | | |

## RELIABILITY & LIFETIME

| | | | |
|---|---|---|---|
| Light source lifetime | **50000 h @ L80B10** | Lumen maintenance @ 50 000 h | **L80 B10** |

## CERTIFICATIONS

| | | | |
|---|---|---|---|
| Warranty period | **5 years** | Maintenance access | **Opening without tool** |
| CE marking | **Yes** | UKCA marking | **Yes** |
| EU RoHS compliant | **Yes** | Light source energy efficiency class | **D** |

## STANDARDS & SUSTAINABILITY

| | | | |
|---|---|---|---|
| Applicable standard | **EN-IEC 62722-2-1** | Application areas | **Parking garages, basements, cellars, warehouses, general lighting** |

**Environmental data.** Embedded carbon, recyclable content and sustainability ratings are provided per article where determined.

**Documents.** Photometric files (IES / LDT) and installation instructions are available at takton.ee.