RWC · SURFACE MOUNTED

RWC 460 C 3900lm 30W I 840 PMMA EMG3H

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.

3900 lm	30 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	**30W**	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	**3900 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)	**70x464x464 mm**
Weight (net)	**2.23kg**	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.