

RWC 460 C 3900lm 30W I 840 PMMA DALI

Symmetric · 4000 K · IP40 · IK05 · White

Length **70 mm****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 SYSTEM FLUX	30 W INPUT POWER	120 lm/W EFFICACY	4000 K CCT	80 CRI	IP40 INGRESS	IK05 IMPACT	50 000 h L90B10
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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	Yes	Control protocol / interface	DALI
Dimming range	1–100 %	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
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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
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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.