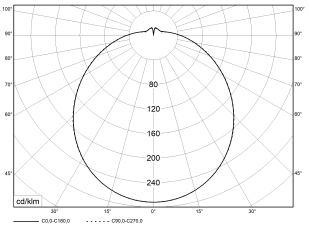
RKL AQUA
Ceiling and wall luminaire

LEUCHTENTECHNIK TETTNANG

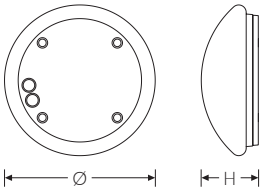
RKL 4 AQUA 18W 1900lm 830 ET ES3 | Art. No. 89000018.6541f91.476



PMMA 650°C

IK02

HB



IP65

Round LED surface-mounted luminaire with opal cover with increased protection grade, suitable for humid environments. With emergency lighting function (single accumulator). For ceiling or wall mounting. White housing made of polycarbonate (PC) with pressure compensation plug. Domed, textured cover made of UV-resistant polymethyl methacrylate (PMMA). Secure and sturdy diffuser/cover attachment thanks to internal closure device. 5-pin push-fit connector with plug-in contact, loop-through possible. 2 cable entries. Approved for use in indoors areas.

Type of installation and area of application

Ceiling and wall mounting
Approved for indoor use only
- Basic lighting with emergency lighting function

Technical specifications

Art. No.	89000018.6541f91.476
Article name	RKL 4 AQUA 18W 1900lm 830 ET ES3
Light source	LED, replaceable by an authorised specialist
Energy efficiency class(es) of the installed light source(s) (A–G)	Module 1: C
Gear	LED converter, replaceable by an authorised specialist
Number of light sources	1
Dimmable	not dimmable
Mains voltage	220-240V/50-60Hz
Voltage type	AC
Max. connected load	18 W
Output/power factor	0,90
Luminous efficacy, max. current draw	106 lm/W
Luminous flux, max.	1900 lm
Luminous flux during emergency operation	280 lm
Flicker value (ripple)	<= 3%
Colour temperature max.	3000 K
Colour rendering index Ra	Ra > 80
Colour tolerance (MacAdam)	3
Life expectancy	50000 h
Lifetime rating	L80/B10
Light optics	Diffuser made of UV-resistant polymethyl methacrylate (PMMA)
Light distribution	Extensive

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Technical specifications	
Beam angle	120°
Unified Glare Rating UGR – max 4H–8H	22
Connection type	5-pin push-fit connector with plug-in contact
Number of luminaires on circuit breaker B16	50 Piece
Housing	Housing made of flame-retardant polycarbonate (PC)
Cable entry (position)	rear
Emergency lighting autonomy	3 h
Ambient operating temperature – min.	5 °C
Ambient operating temperature – max.	25 °C
Testing	
Protection class	SC I
Protection grade	IP65
Shock resistance	IK02
Flammability (UL94)	HB
Glow-wire resistance	PMMA 650°C
CE-compliant	Yes
Mass and weight	
Diameter	480 mm
Height (H)	160 mm
Gross weight (including packaging)	3,4 Kg
Net weight	2,7 Kg
Contents / packaging quantity	1 Piece

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The values stated are design values. Unless otherwise stated, the values apply to an ambient temperature of 25°C. Photometric values are subject to a general tolerance of +-10%. The technical contents correspond to the status at the time of printing. Subject to changes and errors.

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