pirola evo-PGE/1200 LED 5200-2900 830/865 • ws RAL 9003 • ETM • 50212514100

REGIOLUX

Luminaire with a higher protection rating - Opal diffuser - direct distribution / indirect distribution for ceiling lighting - impact-proof

Enclosure with smooth polycarbonate surface, white end faces. Cable entry at the end face with twist-fix quick-release fastener; with click-lock catch on the side. Housing colour white, similar to RAL 9003; Light distribution direct distribution / indirect distribution for ceiling lighting by means of Opal diffuser of Polycarbonate, UGR (4H/8H) 25.9. Including multi-lumen driver (ETM) with 4 adjustable light outputs; flicker < 5%;. Electrical connection via 5-pole connection terminal with plug-in contacts. Terminal for 5x0.75-5x2.5mm², feed-through wiring; With a colour temperature switch (CCT2) for switching light colour 830/865, light colour 865 preset. Fastening clips and suspension bracket are also included in the scope of delivery. SBB swivel mounting bracket, order separately.

CHARACTERISTICS

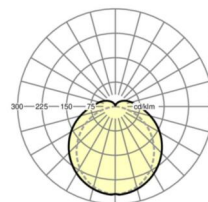|	
Order number	50212514100
EAN number	4020863494330
Commodity code	94051140
Certification mark	IP 65, Protection class I, F, D, HACCP DIN10500/Food/IFS/BRC, Indoor, CE
Impact resistance (IK rating)	IK08 (-20°C bis 45°C)
Ambient temperatur	ta -20°C to 45°C
Warranty period	5 years
State funding programs	BEG - Federal funding for efficient buildings (valid only for Germany)

ELECTRICAL ENGINEERING

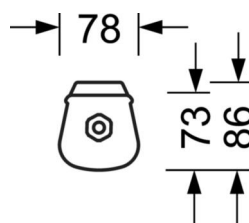|	
Controller	Electronic multi-lumen driver, 4-steps (1 pcs.)
Wiring	5x2.5mm², throughwired, plug-in contact for 5x1.5qmm
System output	35W-20W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	22 pieces/B10, 35 pieces/B16, 22 pieces/C10, 35 pieces/C16

LIGHTING TECHNOLOGY

Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 3000K+6500K
Colour tolerance (MacAdam)	3SDCM
Photobiological safety (Luminaire)	RG0
Nominal luminous flux/switching steps	5200lm/865/35W, 4500lm/865/30W, 3800lm/865/25W, 3100lm/865/20W, 4900lm/830/35W, 4200lm/830/30W, 3600lm/830/25W, 2900lm/830/20W
LED service life	70000h L80/B10 (Tq 45°C), 85000h L80/B50 (Tq 45°C), 100000h L80/B50 (Tq 25°C)
Luminaire luminous efficiency	154lm/W-141lm/W
UGR lat./long.	25.9 / 23.4 (865LF/35W)

Reference	LED 5200lm/865/35W
ηLB	100 %
Φ ↓/↑	87 % / 13 %
UGR lat./long.	25.9 / 23.4

78

73

86

L

A1

MECHANICS

Housing colour	white, similar to RAL 9003
Dimensions (LxWxH/DxH)	1200mm x 80mm x 73mm
Weight (net)	1.3kg
Cable entry KE	at the end
Type of installation	Ceiling-mounted single installation, Ceiling-mounted trunking installation, Pendant individual mounting, Pendant light strip mounting, Wall mounting, Wall light run installation, Pendulum mounting rail assembly on chain

Dimensions

L	1200 mm	Length
B	80 mm	Width
H	73 mm	Height
A1	700 mm	Mounting distance single mounting
A3	575 mm	Mounting distance between luminaires in a light run arrangement
A4	900 mm	Mounting distance (width)
X	0 mm	Distance cable infeed to the center of the luminaire on the X-axis
Y	600 mm	Distance cable infeed to the center of the luminaire on the Y-axis