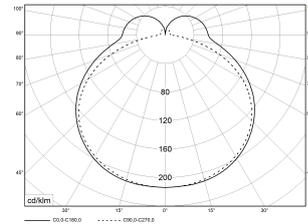
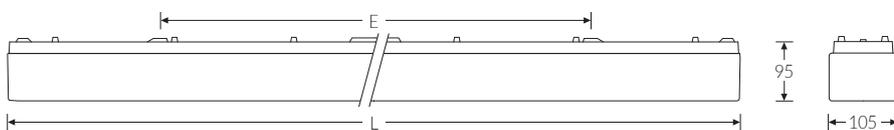


**SOLAS L12 4800/3000-830 42/27W ETC RWO** | Art. No. 86527-42.1111c91.000



LED surface-mounted luminaire with opal cover in classic design made of acrylic (PMMA). With adjustable light output (Multi-Lumen), pre-set to maximum output upon delivery. Suitable for ceiling and wall mounting. Housing made of white, glass-fibre-reinforced polyester, flame retardant. High-quality circumferential seal made of polyurethane to ensure a higher protection grade. Built-in unit gear tray/reflector made of white steel. Secure and sturdy diffuser/cover attachment thanks to internal closure device. Push-fit connector with plug-in contact, loop-through possible. 2 cable entries. Approved for use indoors and in covered outdoor areas.

**Type of installation and area of application**

Ceiling and wall mounting  
for use indoors and in covered outdoor areas

- Basic lighting

Technical specifications	
Art. No.	86527-42.1111c91.000
Article name	SOLAS L12 4800/3000-830 42/27W ETC RWO
Light source	LED, replaceable by an authorised specialist
Energy efficiency class(es) of the installed light source(s) (A-G)	Module 1: D
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/DC
Min. connected load	27 W
Max. connected load	42 W
Output/power factor	0,95
Luminous efficacy, min. current draw	107 lm/W
Luminous efficacy, max. current draw	112 lm/W
Luminous flux, min.	2900 lm
Luminous flux, max.	4700 lm
Flicker value (ripple)	<= 5%
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 poly-methyl methacrylate (PMMA)
Light distribution	Extensive

SOLAS L12 4800/3000-830 42/27W ETC RWO | Art. No. 86527-42.1111c91.000

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	40 Piece
Housing	Housing made of flame-retardant, glass-fibre-reinforced polyester (GRP)
Cable entry (position)	rear
Halogen-free wiring	true
Ambient operating temperature – min.	-20 °C
Ambient operating temperature – max.	25 °C
Testing	
Protection class	SC I
Protection grade	IP54
Shock resistance	IK02
Flammability (UL94)	HB
Glow-wire resistance	PMMA 650°C
CE-compliant	Yes
D marking	Yes
Mass and weight	
Length (L)	1260 mm
Width (B)	105 mm
Height (H)	95 mm
Fixing span (E1)	740 mm
Gross weight (including packaging)	2,7 Kg
Net weight	2,41 Kg
Contents / packaging quantity	1 Piece

SOLAS L12 4800/3000-830 42/27W ETC RWO | Art. No. 86527-42.1111c91.000

## Replacement parts



Art. No.	Article name
44970040	Diffuser RWA0 136