



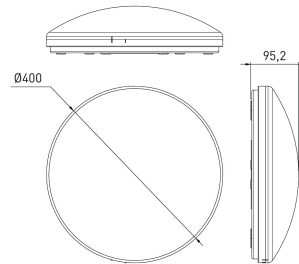
Fenix Duo

IP44 18W 830/840 PCO WH

Ceiling light

The low-profile and splashproof (IP44) Fenix Duo ceiling light is suitable for general lighting in both dry and humid indoor areas of the home. Surface-mounted directly to a junction box. Provides even, pleasant illumination. The colour temperature can be switched between white and cool white light (CCT 3000 K / 4000 K). A durable and long-lasting luminaire with the highest impact resistance rating, IK10. The range includes three different sizes and an RA model with radar sensor.

Fenix Duo Surface mounted luminaire 18W 3000K/4000K 1900lm No dim; IP44; IK10; Protection cl. II; L70B50 35000h; LED not exchangeable; CRI>80; SDCM5; Suitable for through wiring; 3x2.5mm²; Housing Plastic; Colour wh; Cover Plastic, opal



IP44 18W 830/840 PCO WH

PRODUCT CODE	CODE	KG	PRODUCT FAMILY
9610497	A1FENC	1.1	Fenix Duo

Mounting	
Suitable for wall mounting	Yes
Suitable for suspended mounting	No
Suitable for ceiling mounting	Yes
Suitable for recessed mounting	No
Suitable for surface mounting	Yes
Suitable for light line configuration	No
Fit for workplace acc. EN 12464-1	No
Degree of protection (IP)	IP44
Impact strength	IK10
Luminaire with limited surface temperature, class "D" in acc. with EN 60598-2-24	No
Suitable for emergency lighting	No
Type of wiring	Suitable for thorough wiring
Number of poles	3
Conductor cross section (mm ²)	2.5
Connection type	Crimping

Structure	
Lamp type	LED not exchangeable
Light source included	Yes
Suitable for number of lamps	1
Lamp holder	Other
Housing material	Plastic
Housing surface protection	Plastic-coated
Housing colour	White
Cover material	Plastic, opal
Control gear included	Yes
Energy efficiency class of light source according to EU regulation 2019/2015	F
Emergency power supply integrated	No
With air slots	No
Filament test according to IEC 60695-2-11	650 °C - 30 s

Dimming and control	
Dimming 0-10 V	No
Dimming 1-10 V	No
Dimming DALI	No
Dimming DALI-2	No
Dimming DMX	No
Dimming DSI	No
Dimming LineSwitch	No
Dimming manufacturer's proprietary system	No
Dimming mains voltage modulation	No
Dimming trailing edge	No
Dimming leading edge	No
Dimming programmable	No
Dimming potentiometer (integrated)	No
Dimming RF	No
Dimming Sine Wave Reduction	No
Dimming Touch and Dim	No
Dimming Zigbee	No
Dimming with push-button	No
No dimming function	Yes
With movement sensor	No
With light sensor	No
Constant luminous flux control	No
Bluetooth operated	No
Compatible with Casambi	No
Compatible with Apple HomeKit	No
Compatible with Google Assistant	No
Compatible with Amazon Alexa	No
IFTTT support available	No

Photometric data	
Light distributor	Diffuser lens/optic/panel
Light sharing	Symmetric
Beam angle	Extreme wide beam >80°
Colour consistency (McAdam ellipse)	SDCM5
Light outlet	Direct
Colour of light (alphanumeric)	White
Effective luminous flux (lm)	1900
Colour temperature (min) (K)	3000
Colour temperature (max) (K)	4000
Colour rendering index (CRI/Ra)	80-89
Photobiological safety according to EN 62471	RG0
Colour temperature switchable	Discrete positions
Lumen setting adjustable	No
Beam angle adjustable	No

Lifetime and capacity	
Rated life time L70/B50 at 25 °C (h)	35000
Rated ambient temperature acc. IEC62722-2-1 (min) (°C)	0
Rated ambient temperature acc. IEC62722-2-1 (max) (°C)	25

Measurements	
Width (mm)	400
Height/depth (mm)	95.2
Length (mm)	400
Outer diameter (mm)	400

Electrotechnical data	
Voltage type	AC
Nominal voltage (min) (V)	220
Nominal voltage (max) (V)	240
Nominal current (min) (mA)	85
Nominal current (max) (mA)	85
Type of control gear	LED operating device current-controlled
Protection class according to IEC 61140	II
Suitable for lamp power (min) (W)	18
Suitable for lamp power (max) (W)	18
Maximum system power (W)	18
Luminaire efficacy (lm/W)	105
Power factor	0.9