

Lumino

400 IP44 22W 830/840 PCO DA2

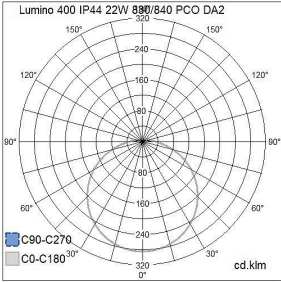
Surface mounted luminaire

Lumino is a low-profile, high-quality and long-lasting universal luminaire for residential buildings and public places. The appearance of the luminaire is finished and the light it gives is uniform and high-quality. Thanks to its low structure, the luminaire fits elegantly and discreetly into various spaces and interiors. The luminaire is suitable for indoor and outdoor wall and ceiling installations in stairwells and public spaces. You can also install Lumino outdoors, as it can withstand cold temperatures. Thanks to the IP44 class, you can install the luminaire in the bathroom and other damp areas. The luminaire can also be installed with a surface cable using the raising frame which is available as an accessory. The luminaire has two color temperatures. You can choose from two size options and PIR- and sensor versions from both sizes. For the 400 model, control options are also available as Dali-2 and Casambi. Lumino is designed in Kerava, Finland for Nordic conditions.

Lumino Surface mounted luminaire 22W 3000K/4000K 2150lm Dim DALI-2; Dim with push-button; IP44; IK10; Protection cl. II; L70B50 100000h; LED not exchangeable; Lamp included; CRI>80; SDCM3; Suitable for through wiring; 5x2.5mm²; Housing Plastic; Colour wh; Cover Plastic, opal; C16 max. 76

Stocked: No

400 IP44 22W 830/840 PCO DA2			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
	A1LUKC-DALI	1.32	Lumino



400 IP44 22W 830/840 PCO DA2

EC002892 Ceiling / wall luminaire

Mounting		Structure	
Suitable for wall mounting	Yes	With mounting material	Yes
Suitable for suspended mounting	No	Lamp type	LED not exchangeable
Suitable for ceiling mounting	Yes	Light source included	Yes
Suitable for recessed mounting	No	Suitable for number of lamps	1
Suitable for surface mounting	Yes	Lamp holder	Other
Suitable for light line configuration	No	Housing material	Plastic
Suitable for clamp-mounting	No	Housing surface protection	Plastic-coated
Fit for workplace acc. EN 12464-1	No	Housing colour	White
Degree of protection (IP)	IP44	Cover material	Plastic, opal
Degree of protection (IP), rear side	IP44	Type of grid	None
Degree of protection (IP), front side	IP44	Control gear included	Yes
Max. number of luminaires per miniature circuit breaker C10 (MCB)	76	Exchangeable control gear	Yes
Max. number of luminaires per miniature circuit breaker B16	76	Energy efficiency class of light source according to EU regulation 2019/2015	E
Max. number of luminaires per miniature circuit breaker C16	76	Containing product according to 2019/2020/EU	Yes
Impact strength	IK10	Emergency power supply system	None
Luminaire with limited surface temperature, class "D" in acc. with EN 60598-2-24	Yes	Emergency power supply integrated	No
Suitable for emergency lighting	No	With switch	No
Emergency function monitoring system	None	With air slots	No
Luminaire may be covered with thermally insulating material	-	Filament test according to IEC 60695-2-11	650 °C - 30 s
Type of wiring	Suitable for through wiring	Electrotechnical data	
Number of poles	5	Voltage type	AC
Conductor cross section (mm²)	2.5 mm²	Nominal voltage (min) (V)	220 V
Connection type	Screwless terminal	Nominal voltage (max) (V)	240 V
Connectable conductor cross section (min) (mm²)	1.5 mm²	Nominal current (min) (mA)	550 mA
Connectable conductor cross section (max) (mm²)	2.5 mm²	Nominal current (max) (mA)	550 mA
With connection cord and plug	No	Type of control gear	LED operating device current-controlled
		Protection class according to IEC 61140	II
		Suitable for lamp power (min) (W)	22 W
		Suitable for lamp power (max) (W)	22 W
		Luminaire efficacy (min) (lm/W)	98 lm/W
		Luminaire efficacy (max) (lm/W)	98 lm/W
		Maximum system power (W)	22 W
		Luminaire efficacy (lm/W)	98 lm/W
		Power factor	0.9
		Total harmonic distortion (THD) (%)	20 %
		Total harmonic distortion	20 THD

Dimming and control	
Dimmable	Yes
Dimming 0-10 V	No
Dimming 1-10 V	No
Dimming DALI	Yes
Dimming DALI-2	Yes
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	Yes
Dimming potentiometer (integrated)	No
Dimming RF	No
Dimming Sine Wave Reduction	No
Dimming Touch and Dim	No
Dimming Zigbee	No
Dimming with push-button	Yes
No dimming function	No
With presence indicator	No
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	Open beam
Colour consistency (McAdam ellipse)	SDCM3
Light outlet	Direct
Rated luminous flux according to IEC 62722-2-1 (min) (lm)	2150 lm
Rated luminous flux according to IEC 62722-2-1 (max) (lm)	2150 lm
Colour of light (alphanumeric)	White
Effective luminous flux (lm)	2150 lm
Colour temperature (min) (K)	3000 K
Colour temperature (max) (K)	4000 K
Flickering value Pst LM	1
Colour rendering index (CRI/Ra)	80-89
Stroboscope effect value SVM	0.4
Photobiological safety according to EN 62471	RG0
Unified Glare Rating (UGR)	22
Colour temperature switchable	Discrete positions
Lumen setting adjustable	Continuously variable
Beam angle adjustable	No

Lifetime and capacity	
Rated life time L70/B50 at 25 °C (h)	100000 h
Rated life time L80/B50 at 25 °C	80000 h
Lumen maintenance at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)	90 %
Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	90 %
Lumen maintenance at median useful life of 75,000 hrs at 25 °C ambient (tq) (%)	85 %
Failure rate at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)	5 %
Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	10 %
Failure rate at median useful life of 75,000 hrs at 25 °C ambient (tq) (%)	10 %
Rated ambient temperature acc. IEC62722-2-1 (min) (°C)	-20 °C
Rated ambient temperature acc. IEC62722-2-1 (max) (°C)	25 °C

Measurements	
Width (mm)	400 mm
Height/depth (mm)	53 mm
Length (mm)	400 mm
Outer diameter (mm)	400 mm