Office DI ML

1545 8000lm 55/45 840 DA2



Suspension luminaire

The suspended Office D/I ML is a range of office luminaires with direct and indirect light, where the uplight and downlight are controlled simultaneously by a single driver. Thanks to its modular construction, the luminaire offers versatile customisation options. The luminaire features an aluminium low-luminance louvre and an integrated opal shield, which eliminate glare from the LEDs and provide a low UGR of < 19. All models in the range have four power levels selectable via the driver. Typical applications include schools, offices and other spaces intended for display screen work.

Office D/I ML Suspension luminaire 48/52/56/61W 6500/7000/7500/8000lm 4000K DALI-2; IP20; IK02; Protection cl. I; L80B10 100000h; LED not exchangeable; Lamp included; CRI>80; SDCM3; Ending; 5x1mm²; Housing Steel; Colour wh; Cover Plastic matt/satinized; C16 max. 33

Stocked: Yes

1545 8000lm 55/45 840 DA2			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4147087	100820	3.3	Office DI ML

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EC001743 Pendant luminaire

Mounting	
Suitable for light line configuration	No
Fit for workplace acc. EN 12464-1	Yes
Max. number of luminaires per miniature circuit breaker B16	20
Max. number of luminaires per miniature circuit breaker C16	33
Degree of protection (IP)	IP20
Impact strength	IK02
Luminaire with limited surface temperature, class "D“ in acc. with EN 60598-2-24	Yes
Suitable for emergency lighting	No
Emergency function monitoring system	None
Type of wiring	Ending
Connectable conductor cross section (min) (mm²)	1.5 mm²
Connectable conductor cross section (max) (mm²)	2.5 mm²
Number of poles	5
Conductor cross section (mm²)	1 mm²
Connection type	Screwless terminal

Structure	
Lamp type	LED not exchangeable
Light source included	Yes
Suitable for number of lamps	1
Lamp holder	Other
Housing material	Steel
Housing colour	White
Cover material	Plastic matt/satinized
Type of grid	Matt
Control gear included	Yes
Exchangeable control gear	Yes
Reflector	Matt
Energy efficiency class of light source according to EU regulation 2019/2015	D
Containing product according to 2019/2020/EU	Yes
Emergency power supply integrated	No
Emergency power supply system	None
Filament test according to IEC 60695-2-11	650 °C - 30 s
Suspension supplied with the product	No
Pendant length (min) (mm)	500 mm
Pendant length (max) (mm)	2000 mm

Electrotechnical data	
Voltage type	AC
Nominal voltage (min) (V)	220 V
Nominal voltage (max) (V)	240 V
Nominal current (min) (mA)	700 mA
Nominal current (max) (mA)	1050 mA
Type of control gear	LED operating device current-controlled
Protection class according to IEC 61140	I
Luminaire efficacy (min) (lm/W)	120 lm/W
Luminaire efficacy (max) (lm/W)	120 lm/W
Suitable for lamp power (min) (W)	48 W
Suitable for lamp power (max) (W)	61 W
Maximum system power (W)	61 W
Luminaire efficacy (lm/W)	120 lm/W
Power factor	0.9

AIRAM

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

Photometric data	
Light distributor	Reflector
Light sharing	Symmetric
Colour consistency (McAdam ellipse)	SDCM3
Light outlet	Direct/indirect
Direct-/indirect proportion separately controllabl	Yes
Rated luminous flux according to IEC 62722-2- 1 (min) (lm)	6500 lm
Rated luminous flux according to IEC 62722-2- 1 (max) (lm)	8000 lm
Effective luminous flux (lm)	8000 lm
Colour of light (alphanumeric)	White
Colour temperature (min) (K)	4000 K
Colour temperature (max) (K)	4000 K
Colour rendering index (CRI/Ra)	80-89
Unified Glare Rating (UGR)	19
Flickering value Pst LM	1
Stroboscope effect value SVM	0.4
Colour temperature switchable	No
Lumen setting adjustable	Positions
Beam angle adjustable	No

Lifetime and capacity	
Rated life time L70/B50 at 25 °C (h)	100000 h
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 50,000 hrs at 25 °C ambient (tq) (%)	5 %
Failure rate at median useful life of 75,000 hrs at 25 °C ambient (tq) (%)	10 %

Measurements	
Width (mm)	140 mm
Height/depth (mm)	60 mm
Length (mm)	1545 mm