Office DI

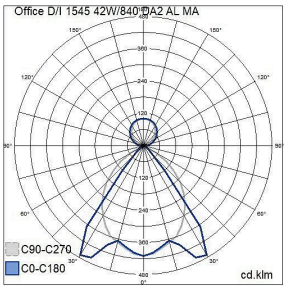


1545 42W/840 DA2 AL MA WH D/I

Suspension luminaire

The suspension-mounted Office D/I is a diffuse light office luminaire range in which the downlight and uplight can be controlled separately. Thanks to its modular design, the luminaire is easy to customise. Its optics features include an aluminium parabolic louvre and integrated opal shield, which eliminate glare from the LEDs and achieve a low Unified Glare Rating I/value (UGR <19). The luminaire is delivered with a 2-metre cable. Typical applications include schools, offices and other spaces where computers are used.

Office DI Suspension luminaire 42W 4000K 5000lm Dim DALI-2; Dim programmable; Dim with push-button; 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



Stocked: No

1545 42W/840 DA2 AL MA WH D/I			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4146877	4146877	3.3	Office DI

1545 42W/840 DA2 AL MA WH D/I

EC001743 Pendant luminaire

Mounting	
Suitable for light line configuration	No
Fit for workplace acc. EN 12464-1	Yes
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	Other

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
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)	42 W
Suitable for lamp power (max) (W)	42 W
Maximum system power (W)	42 W
Luminaire efficacy (lm/W)	120 lm/W
Power factor	0.9

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
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)	5000 lm
Rated luminous flux according to IEC 62722-2- 1 (max) (lm)	5000 lm
Effective luminous flux (lm)	5000 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	No
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