Vario DI

4500 119W/840 ACO DA2 WH D/I

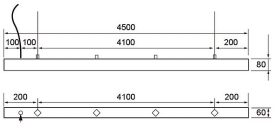


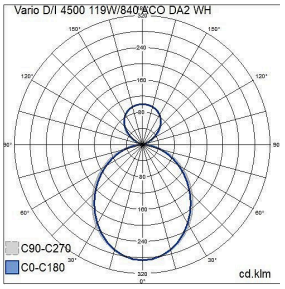
Suspension luminaire

Developed and manufactured in Finland, Vario D/I is a surface-mounted aluminium profile luminaire with downlight and uplight features. The material used in the body is 100% recycled aluminum. Thanks to the variety of housing lengths and corner pieces, you can create a customised lighting solution that meets your needs. Typical applications include offices, lobbies, educational institutions and corridors. With this luminaire, you can create a seamless line of light of up to 4,500 mm. The 100% Finnish Vario D/I luminaires are designed and manufactured at Airam's factory in Lahti.

Vario DI Suspension luminaire 119W 4000K 16700lm Dim DALI; Dim programmable; Dim with push-button; IP20; IK02; Protection cl. I; L70B50 100000h; LED not exchangeable; Lamp included; CRI>80; SDCM3; Ending; 5x0.75mm²; Housing al; Colour wh; Cover Plastic, opal; C16 max. 13

Stocked: No





4500 119W/840 ACO DA2 WH D/I			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4146911	4146911	12	Vario DI

4500 119W/840 ACO DA2 WH D/I

EC001743 Pendant luminaire

Mounting	
Suitable for light line configuration	No
Fit for workplace acc. EN 12464-1	No
Max. number of luminaires per miniature circuit breaker B16	8
Max. number of luminaires per miniature circuit breaker C16	13
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)	0.75 mm²
Connectable conductor cross section (max) (mm²)	0.75 mm²
Number of poles	5
Conductor cross section (mm²)	0.75 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	Aluminium
Housing colour	White
Cover material	Plastic, opal
Type of grid	None
Control gear included	Yes
Exchangeable control gear	Yes
Reflector	None
Energy efficiency class of light source according to EU regulation 2019/2015	B
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	Yes
Pendant length (min) (mm)	100 mm
Pendant length (max) (mm)	1500 mm

Electrotechnical data	
Voltage type	AC
Nominal voltage (min) (V)	220 V
Nominal voltage (max) (V)	240 V
Nominal current (min) (mA)	225 mA
Nominal current (max) (mA)	225 mA
Type of control gear	LED operating device current-controlled
Protection class according to IEC 61140	I
Luminaire efficacy (min) (lm/W)	140 lm/W
Luminaire efficacy (max) (lm/W)	140 lm/W
Suitable for lamp power (min) (W)	119 W
Suitable for lamp power (max) (W)	119 W
Maximum system power (W)	119 W
Luminaire efficacy (lm/W)	140 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	No
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	Diffuser lens/optic/panel
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)	16700 lm
Rated luminous flux according to IEC 62722-2- 1 (max) (lm)	16700 lm
Effective luminous flux (lm)	16700 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
Flickering value Pst LM	1
Stroboscope effect value SVM	0.4
Colour temperature switchable	No
Lumen setting adjustable	Continuously variable
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) (%)	80 %
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)	60 mm
Height/depth (mm)	80 mm
Length (mm)	4500 mm