

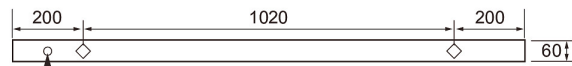
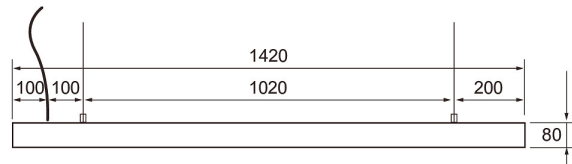


# Vario DI

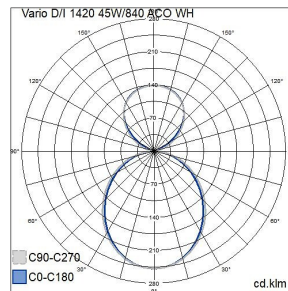
## 1420 45W/840 ACO WH D/I

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 45W 4000K 6000lm No dim; IP20; IK02; Protection cl. I; L70B50 100000h; LED not exchangeable; Lamp included; CRI>80; SDCM3; Ending; 5x0.75mm<sup>2</sup>; Housing al; Colour wh; Cover Plastic, opal; C16 max. 20



1420 45W/840 ACO WH D/I			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4146904	A1VATD	4 kg	Vario DI



Mounting	
Suitable for light line configuration	No
Fit for workplace acc. EN 12464-1	No
Max. number of luminaires per miniature circuit breaker B16	12
Max. number of luminaires per miniature circuit breaker C16	20
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) (mm <sup>2</sup> )	0.75
Connectable conductor cross section (max) (mm <sup>2</sup> )	0.75
Number of poles	5
Conductor cross section (mm <sup>2</sup> )	0.75
Connection type	Other
Quantity of luminaires for MCB C16:	20
Quantity of luminaires for MCB C10:	12
Quantity of luminaires for MCB B16:	12
Quantity of luminaires for MCB B10:	7

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
Pendant length (max) (mm)	1500

Dimming and control	
Dimmable	No
Dimming 0-10 V	No
Dimming 1-10 V	No
Dimming DALI	No
Dimming DALI-2	No
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	No
Dimming RF	No
Dimming LineSwitch	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 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 controllable	Yes
Rated luminous flux according to IEC 62722-2-1 (min) (lm)	6000
Rated luminous flux according to IEC 62722-2-1 (max) (lm)	6000
Effective luminous flux (lm)	6000
Colour of light (alphanumeric)	White
Colour temperature (min) (K)	4000
Colour temperature (max) (K)	4000
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	No
Beam angle adjustable	No

Lifetime and capacity	
Rated life time L70/B50 at 25 °C (h)	100000
Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	90
Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	5

Measurements	
Width (mm)	60
Height/depth (mm)	80
Length (mm)	1420

Electrotechnical data	
Voltage type	AC
Nominal voltage (min) (V)	220
Nominal voltage (max) (V)	240
Nominal current (min) (mA)	225
Nominal current (max) (mA)	225
Type of control gear	LED operating device current-controlled
Protection class according to IEC 61140	I
Luminaire efficacy (min) (lm/W)	133
Luminaire efficacy (max) (lm/W)	133
Suitable for lamp power (min) (W)	45
Suitable for lamp power (max) (W)	45
Maximum system power (W)	45
Luminaire efficacy (lm/W)	133
Power factor	0.9