Vario P

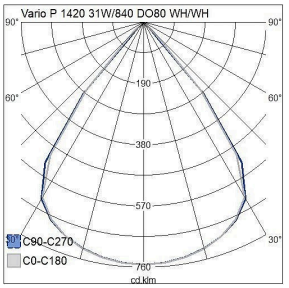
1420 31W/840 DO/80D WH/WH



Suspension luminaire

Developed and manufactured in Finland, Vario P is a suspension-mounted aluminium profile luminaire. 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 indoor corridors. With this luminaire, you can create a seamless line of light of up to 4500 mm. The DO series models are an excellent choice for all types of spaces where low glare levels and precisely controlled light distribution are required. The DO models are designed with user comfort in mind, ensuring that light is distributed evenly and discreetly onto the illuminated area. The 100% Finnish Vario P luminaires are designed and manufactured at Airam's factory in Lahti.

Vario P Suspension luminaire 31W 4000K 5800lm No dim; IP20; IK02; Protection cl. I; L70B50 100000h; LED not exchangeable; Lamp included; CRI>80; SDCM3; Ending; 3x0.75mm²; Housing al; Colour wh; Cover Other; C16 max. 64



Stocked: No

1420 31W/840 DO/80D WH/WH			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4147004	4147004	4	Vario P

1420 31W/840 DO/80D WH/WH

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	38
Max. number of luminaires per miniature circuit breaker C16	64
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	3
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	Other
Type of grid	Matt
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)	150 mA
Nominal current (max) (mA)	150 mA
Type of control gear	LED operating device current-controlled
Protection class according to IEC 61140	I
Luminaire efficacy (min) (lm/W)	187 lm/W
Luminaire efficacy (max) (lm/W)	187 lm/W
Suitable for lamp power (min) (W)	31 W
Suitable for lamp power (max) (W)	31 W
Maximum system power (W)	31 W
Luminaire efficacy (lm/W)	187 lm/W
Power factor	0.9

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
Direct-/indirect proportion separately controllabl	No
Rated luminous flux according to IEC 62722-2- 1 (min) (lm)	5800 lm
Rated luminous flux according to IEC 62722-2- 1 (max) (lm)	5800 lm
Effective luminous flux (lm)	5800 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)	15
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) (%)	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)	1420 mm