# Vario P

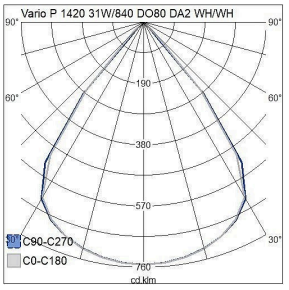
## 1420 31W/840 DO/80D DA2 WH/WH



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 Dim DALI-2; 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 Other; C16 max. 93




Stocked: No

| 1420 31W/840 DO/80D DA2 WH/WH | | | |
|---|---|---|---|
| PRODUCT CODE | CODE | KG | PRODUCT FAMILY |
| 4147008 | 4147008 | 4 | Vario P |

# 1420 31W/840 DO/80D DA2 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 | 55 |
| Max. number of luminaires per miniature circuit breaker C16 | 93 |
| 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 | 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 | 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 |
| 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 |