# Vario DI

## 1140 33W/840 ACO DA2 WH D/I

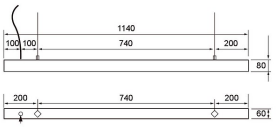


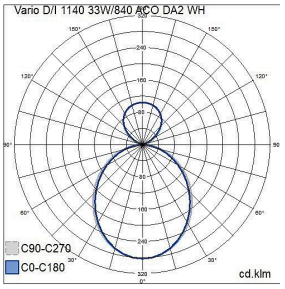
Suspension luminaire

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 33W 4000K 4200lm 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. 20

Stocked: No




| 1140 33W/840 ACO DA2 WH D/I | | | |
|---|---|---|---|
| PRODUCT CODE | CODE | KG | PRODUCT FAMILY |
| 4146909 | 4146909 | 3 | Vario DI |

# 1140 33W/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 | 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) (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) | 127 lm/W |
| Luminaire efficacy (max) (lm/W) | 127 lm/W |
| Suitable for lamp power (min) (W) | 33 W |
| Suitable for lamp power (max) (W) | 33 W |
| Maximum system power (W) | 33 W |
| Luminaire efficacy (lm/W) | 127 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) | 4200 lm |
| Rated luminous flux according to IEC 62722-2- 1 (max) (lm) | 4200 lm |
| Effective luminous flux (lm) | 4200 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) | 1140 mm |