



-O  
3 x 2,5



IP65



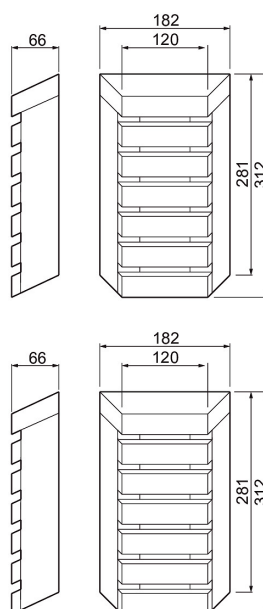
# Saunaed Vert

## IP65 8W/827 DIM PCO TRL V

Saunaed V Sauna luminaire 8W 2700K 500lm Dim  
phase cut-on; IP65; Protection cl. I; L70B50 15000h;  
LED not exchangeable; CRI>80; SDCM5; Ending;  
3x2.5mm<sup>2</sup>; Housing al; Colour wh; Cover Plastic, opal

### IP65 8W/827 DIM PCO TRL V

| PRODUCT CODE | CODE   | KG    | PRODUCT FAMILY |
|--------------|--------|-------|----------------|
| 4126228      | A1SAAC | 1.414 | Saunaed Vert   |



| Mounting                                                                         |                      |
|----------------------------------------------------------------------------------|----------------------|
| Suitable for wall mounting                                                       | Yes                  |
| Suitable for suspended mounting                                                  | No                   |
| Suitable for ceiling mounting                                                    | No                   |
| Suitable for recessed mounting                                                   | Yes                  |
| Suitable for surface mounting                                                    | Yes                  |
| Suitable for light line configuration                                            | No                   |
| Suitable for clamp-mounting                                                      | No                   |
| Fit for workplace acc. EN 12464-1                                                | No                   |
| Degree of protection (IP)                                                        | IP65                 |
| Degree of protection (IP), rear side                                             | Other                |
| Degree of protection (IP), front side                                            | IP65                 |
| Luminaire with limited surface temperature, class "D" in acc. with EN 60598-2-24 | No                   |
| Suitable for emergency lighting                                                  | No                   |
| Emergency function monitoring system                                             | None                 |
| Luminaire may be covered with thermally insulating material                      | No                   |
| Type of wiring                                                                   | Ending               |
| Number of poles                                                                  | 3                    |
| Conductor cross section (mm²)                                                    | 2.5                  |
| Connection type                                                                  | Screwed terminal     |
| Connectable conductor cross section (min) (mm²)                                  | 1.5                  |
| Connectable conductor cross section (max) (mm²)                                  | 2.5                  |
| Structure                                                                        |                      |
| With mounting material                                                           | Yes                  |
| Lamp type                                                                        | LED not exchangeable |
| Light source included                                                            | Yes                  |
| Suitable for number of lamps                                                     | 1                    |
| Lamp holder                                                                      | Other                |
| Housing material                                                                 | Aluminium            |
| Housing surface protection                                                       | Powder coating       |
| Housing colour                                                                   | White                |
| Cover material                                                                   | Plastic, opal        |
| Type of grid                                                                     | Matt                 |
| Control gear included                                                            | Yes                  |
| Exchangeable control gear                                                        | No                   |
| Energy efficiency class of light source according to EU regulation 2019/2015     | G                    |
| Containing product according to 2019/2020/EU                                     | Yes                  |
| Emergency power supply system                                                    | None                 |
| Emergency power supply integrated                                                | No                   |
| With switch                                                                      | No                   |
| With air slots                                                                   | No                   |
| Filament test according to IEC 60695-2-11                                        | 650 °C - 30 s        |

| Dimming and control                                                        |                       |
|----------------------------------------------------------------------------|-----------------------|
| Dimmable                                                                   | Yes                   |
| Dimming 0-10 V                                                             | No                    |
| Dimming 1-10 V                                                             | No                    |
| Dimming DALI                                                               | No                    |
| Dimming DALI-2                                                             | No                    |
| Dimming DMX                                                                | No                    |
| Dimming DSI                                                                | No                    |
| Dimming LineSwitch                                                         | No                    |
| Dimming manufacturer's proprietary system                                  | No                    |
| Dimming mains voltage modulation                                           | No                    |
| Dimming trailing edge                                                      | Yes                   |
| Dimming leading edge                                                       | Yes                   |
| Dimming programmable                                                       | No                    |
| Dimming potentiometer (integrated)                                         | No                    |
| Dimming RF                                                                 | No                    |
| Dimming Sine Wave Reduction                                                | No                    |
| Dimming Touch and Dim                                                      | No                    |
| Dimming Zigbee                                                             | No                    |
| Dimming with push-button                                                   | No                    |
| No dimming function                                                        | No                    |
| With presence indicator                                                    | No                    |
| With movement sensor                                                       | No                    |
| With light sensor                                                          | No                    |
| Constant luminous flux control                                             | No                    |
| Bluetooth operated                                                         | No                    |
| Compatible with Casambi                                                    | No                    |
| Compatible with Apple HomeKit                                              | No                    |
| Compatible with Google Assistant                                           | No                    |
| Compatible with Amazon Alexa                                               | No                    |
| IFTTT support available                                                    | No                    |
| Photometric data                                                           |                       |
| Light distributor                                                          | Other                 |
| Light sharing                                                              | Symmetric             |
| Beam angle                                                                 | Open beam             |
| Colour consistency (McAdam ellipse)                                        | SDCM5                 |
| Light outlet                                                               | Direct                |
| Rated luminous flux according to IEC 62722-2-1 (min) (lm)                  | 500                   |
| Rated luminous flux according to IEC 62722-2-1 (max) (lm)                  | 500                   |
| Colour of light (alphanumeric)                                             | White                 |
| Effective luminous flux (lm)                                               | 500                   |
| Colour temperature (min) (K)                                               | 2700                  |
| Colour temperature (max) (K)                                               | 2700                  |
| Flickering value Pst LM                                                    | 1                     |
| Colour rendering index (CRI/Ra)                                            | 80-89                 |
| Stroboscope effect value SVM                                               | 0.4                   |
| Photobiological safety according to EN 62471                               | RG0                   |
| 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)                                       | 15000                 |
| Rated life time L80/B50 at 25 °C                                           | 10000                 |
| Failure rate at median useful life of 35,000 hrs at 25 °C ambient (tq) (%) | 10                    |
| Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%) | 15                    |
| Rated ambient temperature acc. IEC62722-2-1 (min) (°C)                     | 5                     |
| Rated ambient temperature acc. IEC62722-2-1 (max) (°C)                     | 60                    |

| Measurements               |     |
|----------------------------|-----|
| Width (mm)                 | 182 |
| Height/depth (mm)          | 312 |
| Length (mm)                | 66  |
| Built-in length (mm)       | 85  |
| Built-in width (mm)        | 220 |
| Built-in height/depth (mm) | 45  |

| Electrotechnical data                   |              |
|-----------------------------------------|--------------|
| Voltage type                            | AC           |
| Nominal voltage (min) (V)               | 220          |
| Nominal voltage (max) (V)               | 240          |
| Nominal current (min) (mA)              | 45           |
| Nominal current (max) (mA)              | 45           |
| Type of control gear                    | Not required |
| Protection class according to IEC 61140 | I            |
| Suitable for lamp power (min) (W)       | 8            |
| Suitable for lamp power (max) (W)       | 8            |
| Luminaire efficacy (min) (lm/W)         | 62           |
| Luminaire efficacy (max) (lm/W)         | 62           |
| Maximum system power (W)                | 8            |
| Luminaire efficacy (lm/W)               | 62           |
| Power factor                            | 0.9          |
| Total harmonic distortion (THD) (%)     | 20           |
| Total harmonic distortion               | 20           |