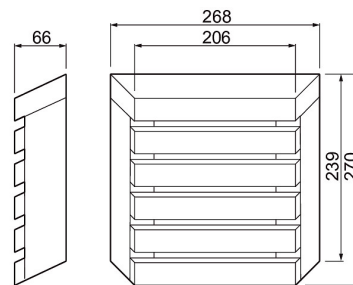# Saunaled Sq
## IP65 8W/827 DIM PCO BK

Saunaled Sq Sauna luminaire 8W 2700K 500lm Dim phase cut-on; IP65; Protection cl. I; L70B50 15000h; LED not exchangeable; CRI>80; SDCM5; Ending; 3x2.5mm²; Housing al; Colour wh; Cover Plastic, opal

### IP65 8W/827 DIM PCO BK

| PRODUCT CODE | CODE | KG | PRODUCT FAMILY |
|---|---|---|---|
| 9610590 | A1SABA | 1.436 | Saunaled Sq |

## IP65 8W/827 DIM PCO BK

EC002892

### 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 |
| 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

| | |
|---|---|
| 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 |
| Emergency power supply system | None |
| Emergency power supply integrated | No |
| With air slots | No |
| Filament test according to IEC 60695-2-11 | 650 °C - 30 s |

### Dimming and control

| | |
|---|---|
| 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 | None |
| 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 |
| 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) (%) | 10 |
| Rated ambient temperature acc. IEC62722-2-1 (min) (°C) | 5 |
| Rated ambient temperature acc. IEC62722-2-1 (max) (°C) | 60 |

AIRAM

## Measurements

| | |
|---|---|
| Width (mm) | 268 |
| Height/depth (mm) | 270 |
| Length (mm) | 66 |
| Built-in length (mm) | 164 |
| Built-in width (mm) | 164 |
| 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 |