

Svea

IP23 1550 12500lm 840 DA2 ACMP

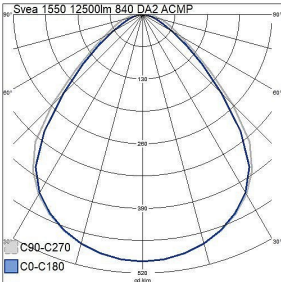
Industrial luminaire open

Svea is a versatile and quickly installed industrial luminaire. Applications include industrial halls and warehouses. Equipped with a ball protection grid, the luminaire is also suitable for sports halls. The luminaire is wired through, so its connection and installation is very fast. The luminaire can be installed directly on the ceiling surface, on a suspension rail or on a horizontal suspension wire with the rail bracket integrated into the luminaire. A wide selection of different optics and options for lighting control are available in the product series. With double parabolic louver available as an additional accessory, the product is also suitable for locations where glare-free lighting is required.

Svea Industrial luminaire open 79W 4000K 12500lm ACMP Dim DALI-2; Dim programmable; Dim with push-button; IP23; IK08; Protection cl. I; L70B50 100000h; LED not exchangeable; Lamp included; CRI>80; SDCM3; Through-wired; 5x2.5mm²; Housing st; Colour st; Cover Plastic, structured; C16 max. 14

Stocked: No

| IP23 1550 12500lm 840 DA2 ACMP |             |     |                |
|--------------------------------|-------------|-----|----------------|
| PRODUCT CODE                   | CODE        | KG  | PRODUCT FAMILY |
|                                | A3SVBZ-DALI | 2.7 | Svea           |



## IP23 1550 12500lm 840 DA2 ACMP

EC002892 Ceiling / wall luminaire

| Mounting                                                                         |                     | Structure                                                                    |                                         |
|----------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------|-----------------------------------------|
| Suitable for wall mounting                                                       | Yes                 | With mounting material                                                       | Yes                                     |
| Suitable for suspended mounting                                                  | No                  | Lamp type                                                                    | LED not exchangeable                    |
| Suitable for ceiling mounting                                                    | Yes                 | Light source included                                                        | Yes                                     |
| Suitable for recessed mounting                                                   | No                  | Suitable for number of lamps                                                 | 1                                       |
| Suitable for surface mounting                                                    | Yes                 | Lamp holder                                                                  | Other                                   |
| Suitable for light line configuration                                            | No                  | Housing material                                                             | Stainless steel                         |
| Suitable for clamp-mounting                                                      | Yes                 | Housing surface protection                                                   | Galvanized                              |
| Fit for workplace acc. EN 12464-1                                                | No                  | Housing colour                                                               | Grey                                    |
| Degree of protection (IP)                                                        | IP23                | Cover material                                                               | Plastic, structured                     |
| Degree of protection (IP), rear side                                             | IP23                | Type of grid                                                                 | None                                    |
| Degree of protection (IP), front side                                            | IP23                | Control gear included                                                        | Yes                                     |
| Max. number of luminaires per miniature circuit breaker C10 (MCB)                | 8                   | Exchangeable control gear                                                    | Yes                                     |
| Max. number of luminaires per miniature circuit breaker B16                      | 8                   | Energy efficiency class of light source according to EU regulation 2019/2015 | C                                       |
| Max. number of luminaires per miniature circuit breaker C16                      | 14                  | Containing product according to 2019/2020/EU                                 | Yes                                     |
| Impact strength                                                                  | IK08                | Emergency power supply integrated                                            | No                                      |
| Luminaire with limited surface temperature, class "D" in acc. with EN 60598-2-24 | Yes                 | With switch                                                                  | No                                      |
| Suitable for emergency lighting                                                  | No                  | With air slots                                                               | No                                      |
| Type of wiring                                                                   | Through-wired       | Filament test according to IEC 60695-2-11                                    | 650 °C - 30 s                           |
| Number of poles                                                                  | 5                   | Electrotechnical data                                                        |                                         |
| Conductor cross section (mm <sup>2</sup> )                                       | 2.5 mm <sup>2</sup> | Voltage type                                                                 | AC                                      |
| Connection type                                                                  | Screwless terminal  | Nominal voltage (min) (V)                                                    | 220 V                                   |
|                                                                                  |                     | Nominal voltage (max) (V)                                                    | 240 V                                   |
|                                                                                  |                     | Nominal current (min) (mA)                                                   | 500 mA                                  |
|                                                                                  |                     | Nominal current (max) (mA)                                                   | 500 mA                                  |
|                                                                                  |                     | Type of control gear                                                         | LED operating device current-controlled |
|                                                                                  |                     | Protection class according to IEC 61140                                      | I                                       |
|                                                                                  |                     | Suitable for lamp power (min) (W)                                            | 79 W                                    |
|                                                                                  |                     | Suitable for lamp power (max) (W)                                            | 79 W                                    |
|                                                                                  |                     | Maximum system power (W)                                                     | 79 W                                    |
|                                                                                  |                     | Luminaire efficacy (lm/W)                                                    | 158 lm/W                                |
|                                                                                  |                     | Power factor                                                                 | 0.9                                     |
|                                                                                  |                     | Total harmonic distortion                                                    | 10 THD                                  |

| 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 LineSwitch                        | No  |
| Dimming manufacturer's proprietary system | No  |
| Dimming mains voltage modulation          | No  |
| Dimming trailing edge                     | No  |
| Dimming leading edge                      | No  |
| Dimming programmable                      | Yes |
| Dimming potentiometer (integrated)        | No  |
| Dimming RF                                | 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 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                                         | Diffuser lens/optic/panel |
| Light sharing                                             | Symmetric                 |
| Beam angle                                                | Open beam                 |
| Colour consistency (McAdam ellipse)                       | SDCM3                     |
| Light outlet                                              | Direct                    |
| Rated luminous flux according to IEC 62722-2-1 (min) (lm) | 12500 lm                  |
| Rated luminous flux according to IEC 62722-2-1 (max) (lm) | 12500 lm                  |
| Colour of light (alphanumeric)                            | White                     |
| Effective luminous flux (lm)                              | 12500 lm                  |
| Colour temperature (min) (K)                              | 4000 K                    |
| Colour temperature (max) (K)                              | 4000 K                    |
| 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                                  | 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 35,000 hrs at 25 °C ambient (tq) (%) | 85 %     |
| Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%) | 80 %     |
| Lumen maintenance at median useful life of 75,000 hrs at 25 °C ambient (tq) (%) | 65 %     |
| Failure rate at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)      | 5 %      |
| 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 %     |
| Rated ambient temperature acc. IEC62722-2-1 (min) (°C)                          | -20 °C   |
| Rated ambient temperature acc. IEC62722-2-1 (max) (°C)                          | 25 °C    |

| Measurements      |         |
|-------------------|---------|
| Width (mm)        | 50 mm   |
| Height/depth (mm) | 76 mm   |
| Length (mm)       | 1550 mm |