

Best Clean

600x600 IP65 54W/930 GLO

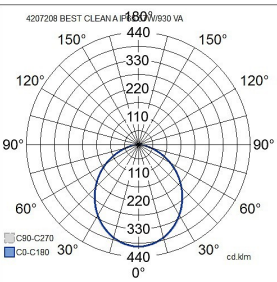
Clean area luminaire

For hospitals and other public-space applications where IP65 protection is required. Corrosion-resistant. The hardened, opal glass diffuser is loosened with the Best Clean suction cup (4207374), which is available via separate order. Available in two sizes, outputs and colour temperatures. The luminaire offers an excellent colour rendering index, CRI 90. The Best Clean luminaires have been certified in accordance with the ISO 14644-1 standard and they have been granted the ISO 3 cleanroom classification.

Best Clean Clean area luminaire 54W 3000K 5568lm No dim; IP65; Protection cl. I; L70B50 100000h; LED not exchangeable; Lamp included; CRI>90; SDCM3; Suitable for through wiring; 3x2.5mm²; Housing Steel; Colour wh; Cover Glass opal; C16 max. 19

Stocked: No

| 600x600 IP65 54W/930 GLO |         |    |                |
|--------------------------|---------|----|----------------|
| PRODUCT CODE             | CODE    | KG | PRODUCT FAMILY |
| 4207208                  | 4207208 | 11 | Best Clean     |



## 600x600 IP65 54W/930 GLO

EC002892 Ceiling / wall luminaire

| Mounting                                                                         |                             |
|----------------------------------------------------------------------------------|-----------------------------|
| Suitable for wall mounting                                                       | No                          |
| Suitable for suspended mounting                                                  | No                          |
| Suitable for ceiling mounting                                                    | Yes                         |
| Suitable for recessed mounting                                                   | Yes                         |
| Suitable for surface mounting                                                    | No                          |
| 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                                             | IP65                        |
| Degree of protection (IP), front side                                            | IP65                        |
| Max. number of luminaires per miniature circuit breaker C10 (MCB)                | 12                          |
| Max. number of luminaires per miniature circuit breaker B16                      | 12                          |
| Max. number of luminaires per miniature circuit breaker C16                      | 19                          |
| 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                                                                   | Suitable for through wiring |
| Number of poles                                                                  | 3                           |
| Conductor cross section (mm <sup>2</sup> )                                       | 2.5 mm <sup>2</sup>         |
| Connection type                                                                  | Screwless terminal          |
| Connectable conductor cross section (min) (mm <sup>2</sup> )                     | 1.5 mm <sup>2</sup>         |
| Connectable conductor cross section (max) (mm <sup>2</sup> )                     | 2.5 mm <sup>2</sup>         |

| 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                                                             | Steel                                   |
| Housing surface protection                                                   | Powder coating                          |
| Housing colour                                                               | White                                   |
| Cover material                                                               | Glass opal                              |
| Control gear included                                                        | Yes                                     |
| Exchangeable control gear                                                    | Yes                                     |
| Energy efficiency class of light source according to EU regulation 2019/2015 | Not required                            |
| 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                           |
| Electrotechnical data                                                        |                                         |
| Voltage type                                                                 | AC                                      |
| Nominal voltage (min) (V)                                                    | 220 V                                   |
| Nominal voltage (max) (V)                                                    | 240 V                                   |
| Type of control gear                                                         | LED operating device current-controlled |
| Protection class according to IEC 61140                                      | I                                       |
| Suitable for lamp power (min) (W)                                            | 54 W                                    |
| Suitable for lamp power (max) (W)                                            | 54 W                                    |
| Luminaire efficacy (min) (lm/W)                                              | 103 lm/W                                |
| Luminaire efficacy (max) (lm/W)                                              | 103 lm/W                                |
| Maximum system power (W)                                                     | 54 W                                    |
| Luminaire efficacy (lm/W)                                                    | 103 lm/W                                |
| Power factor                                                                 | 0.9                                     |
| Total harmonic distortion (THD) (%)                                          | 20 %                                    |
| Total harmonic distortion                                                    | 20 THD                                  |

| Dimming and control                       |     |
|-------------------------------------------|-----|
| Dimmable                                  | No  |
| 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                     | No  |
| Dimming leading edge                      | No  |
| 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                       | Yes |
| 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                                         | Diffuser lens/optic/panel |
| Light sharing                                             | Symmetric                 |
| Colour consistency (McAdam ellipse)                       | SDCM3                     |
| Light outlet                                              | Direct                    |
| Rated luminous flux according to IEC 62722-2-1 (min) (lm) | 5568 lm                   |
| Rated luminous flux according to IEC 62722-2-1 (max) (lm) | 5568 lm                   |
| Colour of light (alphanumeric)                            | White                     |
| Effective luminous flux (lm)                              | 5568 lm                   |
| Colour temperature (min) (K)                              | 3000 K                    |
| Colour temperature (max) (K)                              | 3000 K                    |
| Flickering value Pst LM                                   | 1                         |
| Colour rendering index (CRI/Ra)                           | 90-100                    |
| Stroboscope effect value SVM                              | 0.4                       |
| Photobiological safety according to EN 62471              | RG0                       |
| Unified Glare Rating (UGR)                                | 22                        |
| 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 |
| Rated life time L80/B50 at 25 °C                                                | 100000 h |
| Lumen maintenance at median useful life of 35,000 hrs at 25 °C ambient (tq) (%) | 95 %     |
| 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) (%) | 85 %     |
| 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)                          | 0 °C     |
| Rated ambient temperature acc. IEC62722-2-1 (max) (°C)                          | 25 °C    |

| Measurements               |        |
|----------------------------|--------|
| Width (mm)                 | 595 mm |
| Height/depth (mm)          | 90 mm  |
| Length (mm)                | 595 mm |
| Built-in length (mm)       | 600 mm |
| Built-in width (mm)        | 600 mm |
| Built-in height/depth (mm) | 127 mm |