



# Cleanroom CR350B

## CR350B LED60S/840 PSD W60L60 OC

Cleanroom CR350B, ISO 14644-1 Air cleanliness Class 1, 55 W, 600x600 mm, 6000 lm, 4000 K, DALI, UGR19

ISO 14644-1 Air cleanliness Class 1, 600x600 mm, Steel, White, Traffic white (RAL9016), Power supply unit with DALI interface, 6000 lm, 55 W, 109 lm/W, 4000 K, (0.38, 0.38) SDCM <3, UGR19, Wide beam, Clear, Glass, IP65 | Dust penetration-protected, jet-proof, IK09 | 10 J, Safety class I, Push-in connector 5-pole

### Product data

| General Information      |               |
|--------------------------|---------------|
| Light source replaceable | No            |
| Number of gear units     | 1 unit        |
| Driver included          | Yes           |
| Service tag              | Yes           |
| Lighting Technology      | LED           |
| Value ladder             | Specification |
| Warranty period          | 5 years       |

| Light Technical                    |                   |
|------------------------------------|-------------------|
| Luminous Flux                      | 6,000 lm          |
| Saturated Red (R9)                 | <50               |
| Correlated Color Temperature (Nom) | 4000 K            |
| Luminous Efficacy (rated) (Nom)    | 109 lm/W          |
| Color rendering index (CRI)        | >80               |
| Beam angle of light source         | 120 degree(s)     |
| Light source color                 | 840 neutral white |
| Optic type                         | Wide beam         |
| Luminaire light beam spread        | 80° x 80°         |

|                          |    |
|--------------------------|----|
| Unified glare rating CEN | 19 |
|--------------------------|----|

| Operating and Electrical                 |                          |
|--|--------------------------|
| Input Voltage                            | 220 to 240 V             |
| Line Frequency                           | 50 to 60 Hz              |
| Average CLO power consumption            | - W                      |
| Inrush current                           | 24.9 A                   |
| Inrush time                              | 215 ms                   |
| Power Consumption                        | 55 W                     |
| Power Factor (Fraction)                  | 0.9                      |
| Connection                               | Push-in connector 5-pole |
| Cable                                    | -                        |
| Number of products on MCB of 16 A type B | 24                       |
| Suitable for random switching            | No                       |
| Protection class IEC                     | Safety class I           |
| Total harmonic distortion                | 20 %                     |

| Controls and Dimming |     |
|----------------------|-----|
| Dimmable             | Yes |

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|                               |                                       |
|-------------------------------|---------------------------------------|
| Driver/power unit/transformer | Power supply unit with DALI interface |
| Control interface             | DALI                                  |
| Constant light output         | No                                    |
| DALI Standard                 | DALI-2™                               |
| Maximum dim level             | 1%                                    |

## Mechanical and Housing

|                                     |  |
|-------------------------------------|--|
| Housing Material                    | Steel  |
| Reflector material                  | -  |
| Optic material                      | Polystyrene                                  |
| Optical cover material              | Glass  |
| Fixation material                   | -  |
| Housing Color                       | White  |
| Optical cover finish                | Clear  |
| Overall length                      | 595 mm                                       |
| Overall width                       | 595 mm                                       |
| Overall height                      | 90 mm  |
| Dimensions (Height x Width x Depth) | 90 x 595 x 595 mm                            |
| Ingress protection code             | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code        | IK09 [10 J]                                  |
| Net Weight (Piece)                  | 7.300 kg                                     |

## Approval and Application

|                                    |  |
|------------------------------------|--|
| Glow-wire test                     | -  |
| Flammability mark                  | For mounting on normally flammable surfaces    |
| CE mark                            | Yes  |
| ENEC mark                          | ENEC mark                                      |
| Photobiological risk               | Photobiological risk group 0 @200mm to EN62778 |
| EU RoHS compliant                  | Yes  |
| Performance ambient temperature Tq | 25 °C  |
| Ambient temperature range          | -20 to +35 °C                                  |

## Initial Performance (IEC Compliant)

|                         |        |
|-------------------------|--------|
| Luminous flux tolerance | +/-10% |
|-------------------------|--------|

|  |                      |
|--|----------------------|
| Initial chromaticity                                   | (0.38, 0.38) SDCM <3 |
| Power consumption tolerance                            | +/-10%               |
| Standard Deviation of Colour Matching (McAdam ellipse) | SDCM≤3               |

## Over Time Performance (IEC Compliant)

|  |     |
|--|-----|
| Control gear failure rate at median useful life 50000 h              | 5 % |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h | L80 |

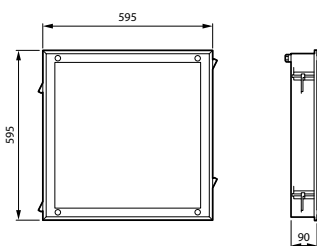
## Sustainability Data

|  |  |
|--|--|
| Sustainability rating                      | Unclassified   |
| Repair class                               | Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time. |
| Non-virgin material ratio of the packaging | Cardboard > 80% recycled Plastic >35% recycled   |
| Packaging Recyclable content ratio         | Cardboard recycling rate > 80% Plastic recycling rate > 40%  |
| Packaging Material                         | Cardboard Plastic  |

## Product Data

|                                 |                                 |
|---------------------------------|---------------------------------|
| Order product name              | CR350B LED60S/840 PSD W60L60    |
| Full product name               | CR350B LED60S/840 PSD W60L60 OC |
| Full product code               | 871869979714000                 |
| Order code                      | 79714000                        |
| Material Nr. (12NC)             | 912401483361                    |
| Numerator - Quantity Per Pack   | 1                               |
| EAN/UPC - Product/Case          | 8718699797140                   |
| Numerator - Packs per outer box | 1                               |
| EAN/UPC - Case                  | 8718699797140                   |

## Dimensional drawing



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## Photometric data



Polar Normal (separate) - 912401483361

