



Cleanroom CR350B

CR350B LED40S/840 PSD W60L60

Cleanroom CR350B, ISO 14644-1 Air cleanliness Class 1, 37 W, 600x600 mm, 4000 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, 4000 lm, 37 W, 108 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 | Unit |
| Driver included | Yes |
| Service Tag | Yes |
| Lighting Technology | LED |
| Value ladder | Specification |
| Warranty period | 5 years |
| Light Technical | |
| Luminous Flux | 4,000 lm |
| Saturated Red (R9) | <50 |
| Correlated Colour Temperature (Nom) | 4000 K |
| Luminous efficacy (rated) (nom.) | 108 lm/W |
| Colour rendering index (CRI) | >80 |
| Beam angle of light source | 120 degree(s) |
| Light source colour | 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 | 37 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector 5-pole |
| Cable | - |
| Number of products on MCB (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/lens material | Glass |
| Fixation material | - |
| Housing Colour | White |
| Optical cover/lens 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)

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|--|----------------------|
| 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)

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|--|-----|
| Control gear failure rate at median useful life 50,000 h | 5 % |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h | L80 |

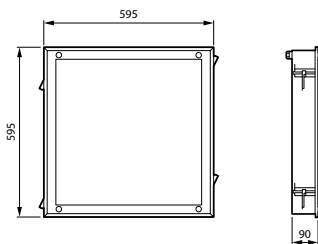
Sustainability Data

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|-----------------------|--|
| 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. |

Product Data

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|---------------------------------|------------------------------|
| Order product name | CR350B LED40S/840 PSD W60L60 |
| Full product name | CR350B LED40S/840 PSD W60L60 |
| Full EOC | 871869979708900 |
| Order code | 912401483355 |
| Material no. (12 NC) | 912401483355 |
| Numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8718699797089 |
| Numerator – packs per outer box | 1 |
| EAN/UPC – Case | 8718699797089 |

Dimensional drawing



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Photometric data



Polar Normal (separate) - 912401483355

