



Cleanroom CR350B

CR350B LED60S/940 PSD W60L60

940 neutral white, Power supply unit with DALI interface, Push-in connector 5-pole

When operating a facility where the highest levels of hygiene are required, the demands placed on light are also very high. It must comply with strict standards; it must be easy to clean, dust-free, sealed and waterproof – all while offering exceptional optical performance. Philips Cleanroom CR350B luminaires are designed specifically for facilities where hygiene is critical, such as hospitals, laboratories, surgical and examination rooms, as well as applications in the pharmaceutical industry. These energy-efficient, durable cleanroom lighting solutions deliver excellent quality of light that complies with the strictest norms, as well as legislation that requires special IP65, easy-to-clean, dust-free luminaires. Thanks to excellent quality of light and color rendering, these Philips cleanroom luminaires also reduce eye strain. This can make all the difference in industries such as cleanroom production, graphics and textile manufacturing where high lumen and low glare light are so important.

Product data

| General Information | | Application Conditions | |
|--------------------------|---|------------------------------------|---------------|
| Light source replaceable | No | EU RoHS compliant | Yes |
| CE mark | Yes | Value ladder | Specification |
| Number of gear units | 1 unit | Maximum dim level | 1% |
| Driver included | Yes | Performance ambient temperature Tq | 25 °C |
| Flammability mark | For mounting on normally flammable surfaces | Suitable for random switching | No |
| Glow-wire test | Temperature 960 °C, duration 5 s | | |
| Warranty period | 5 years | Light Technical | |
| Lighting Technology | LED | Luminous Flux | 6,000 lumen |
| ENEC mark | ENEC mark | | |

Cleanroom CR350B

| | |
|------------------------------------|-------------------|
| Saturated Red (R9) | >50 |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 100 lm/W |
| Color rendering index (CRI) | >90 |
| Beam angle of light source | 120 degree(s) |
| Light source color | 940 neutral white |
| Optic type | Wide beam |
| Luminaire light beam spread | 80° x 80° |
| Unified glare rating CEN | 19 |

Operating and Electrical

| | |
|--|--------------------------|
| Line Frequency | 50 to 60 Hz |
| Input Voltage | 220 to 240 V |
| Average CLO power consumption | - W |
| Inrush current | 24.9 A |
| Inrush time | 215 ms |
| Power Consumption | 60 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector 5-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | 24 |

Temperature

| | |
|---------------------------|---------------|
| Ambient temperature range | -20 to +35 °C |
|---------------------------|---------------|

Controls and Dimming

| | |
|-------------------------------|---------------------------------------|
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit with DALI interface |
| Control interface | DALI |
| Constant light output | No |

Mechanical and Housing

| | |
|-----------------------------|---------------|
| Housing Material | Steel |
| Reflector material | - |
| Optic material | Polystyrene |
| Optical cover/lens material | Glass |
| Fixation material | - |
| Housing Color | White RAL9016 |

| | |
|-------------------------------------|-------------------|
| 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 |

Approval and Application

| | |
|------------------------------|--|
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK07 [2 J reinforced] |
| Sustainability rating | - |
| Protection class IEC | Safety class I |
| Photobiological risk | Photobiological risk group 0 @200mm to EN62778 |

Initial Performance (IEC Compliant)

| | |
|-----------------------------|----------------------|
| Initial chromaticity | (0.39, 0.38) SDCM <3 |
| Luminous flux tolerance | +/-10% |
| Power consumption tolerance | +/-10% |

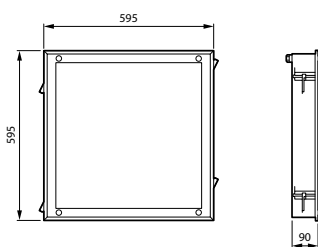
Over Time Performance (IEC Compliant)

| | |
|---|-----|
| Control gear failure rate at median useful life | 5 % |
| 50000 h | |
| Lumen maintenance at median useful life* | L80 |
| 50000 h | |

Product Data

| | |
|---------------------------------|------------------------------|
| Full product code | 871869979716400 |
| Order product name | CR350B LED60S/940 PSD W60L60 |
| Order code | 912401483363 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 912401483363 |
| Full product name | CR350B LED60S/940 PSD W60L60 |
| EAN/UPC - Case | 8718699797164 |

Dimensional drawing



Cleanroom CR350B

