PHILIPS

## CR350B LED40S/940 PSU W30L120

912401483366



# Cleanroom CR350B, ISO 14644-1 Air cleanness Class 1, 41 W, 1200x300 mm, 4000 lm, 4000 K, CRI>90, UGR19

ISO 14644-1 Air cleanness Class 1, 1200x300 mm, Steel, White, Traffic white (RAL9016), Power supply unit (On/Off), 4000 lm, 41 W, 98 lm/W, 4000 K, (0.39, 0.38) SDCM <3, CRI>90, UGR19, Wide beam, Clear, Glass, IP65 | Dust penetration-protected, jet-proof, IK09 | 10 J, Safety class I, Push-in connector 3-pole

### General Information

| | |
|---|---|
| Light source replaceable | Yes |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Sustainability rating | Unclassified |
| 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 Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 98 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

| | |
|---|---|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Average CLO power consumption | - W |
| Inrush current | 20 A |
| Inrush time | 240 ms |
| Power Consumption | 41 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector 3-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | 24 |
| Suitable for random switching | Yes |
| Protection class IEC | Safety class I |
| Total harmonic distortion | 6 % |

## Controls and Dimming

| | |
|---|---|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface | - |
| Constant light output | No |
| Maximum dim level | Not applicable |

## 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 | 1,195 mm |
| Overall width | 295 mm |
| Overall height | 100 mm |
| Dimensions (Height x Width x Depth) | 100 x 295 x 1195 mm |
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK09 [10 J] |
| Net Weight (Piece) | 7.500 kg |

## Approval and Application

| | |
|---|---|
| Glow-wire test | Temperature 650 °C, duration 30 s |
| 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 | (0.39, 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

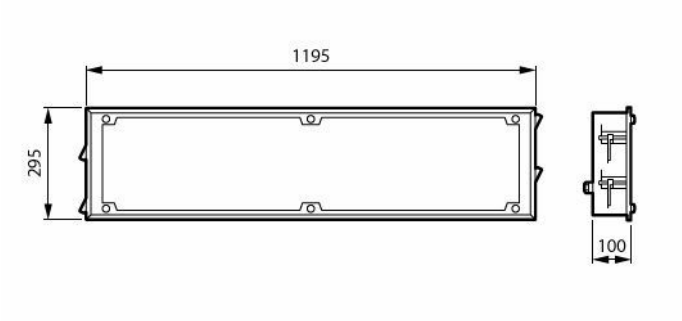
| | |
|---|---|
| Repair class | Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time. |
| Non-virgin material ratio of the packaging | Cardboard > 80% recycled |
| Packaging Recyclable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

## Product Data

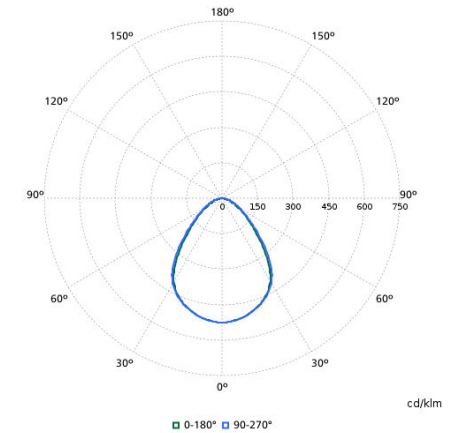
| | |
|---|---|
| Order product name | CR350B LED40S/940 PSU W30L120 |
| Full product name | CR350B LED40S/940 PSU W30L120 |
| Full product code | 871869979719500 |
| Order code | 912401483366 |

| | |
|---|---|
| Material Nr. (12NC) | 912401483366 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718699797195 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718699797195 |

## Dimensional drawing




## Polar normal diagrams




## Related Documents

| Documents and certificates | Document Name | Download |
|---|---|---|
| Installation Instructions | 2022-03-17_MI Cleanroom CR350B_352B.pdf | Download |

| Photometry and lighting design | Document Name | Download |
|---|---|---|
| IES File | cr350b-led40s-940-psu-w30l120-912401483366.ies | Download |
| LDT File | cr350b-led40s-940-psu-w30l120-912401483366.ldt | Download |
| ROLF File | cr350b-led40s-940-psu-w30l120-912401483366.rolfz | Download |
| ULD File | cr350b-led40s-940-psu-w30l120-912401483366.uld | Download |

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