



FlexBlend Recessed

RC342B 36S/940 PSE W62L62 VPC MLO

FlexBlend Recessed, 37 W, 625x625 mm, VPC, 3600 lm, 4000 K, CRI>90, UGR19

625x625 mm, Visible profile ceiling version, Steel, White, Signal white (RAL9003), Power supply unit (On/Off), 3600 lm, 37 W, 95 lm/W, 4000 K, (0.38, 0.37) SDCM ≤ 3 , CRI>90, UGR19, Wide beam, Micro-lens optic, Polycarbonate, IP20/40 | Finger-protected; Wire-protected, IK02 | 0.2 J standard, Safety class I, Push-in connector and pull relief

Product data

| General Information | | Luminaire light beam spread | |
|------------------------------------|-------------------|--|-----------------------------------|
| Light source replaceable | No | | 81° x 85° |
| Number of gear units | 1 unit | Unified glare rating CEN | 19 |
| Driver included | Yes | Operating and Electrical | |
| Service tag | Yes | Input Voltage | 220 to 240 V |
| Lighting Technology | LED | Line Frequency | 50 to 60 Hz |
| Value ladder | Performance | Initial CLO power consumption | - W W |
| Warranty period | 5 years | Average CLO power consumption | - W W |
| | | Inrush current | 22 A |
| | | Inrush time | 0.282 ms |
| | | Power Consumption | 37 W |
| | | Power Factor (Fraction) | 0.9 |
| | | Connection | Push-in connector and pull relief |
| | | Cable | - |
| | | Number of products on MCB of 16 A type B | 24 |
| | | Suitable for random switching | Yes |
| | | Protection class IEC | Safety class I |
| Light Technical | | | |
| Luminous Flux | 3,600 lm | | |
| Saturated Red (R9) | >50 | | |
| Correlated Color Temperature (Nom) | 4000 K | | |
| Luminous Efficacy (rated) (Nom) | 95 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 | | |

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|---------------------------|------|
| Total harmonic distortion | 20 % |
|---------------------------|------|

Controls and Dimming

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|-------------------------------|----------------------------|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface | - |
| Constant light output | No |
| Maximum dim level | 1% |

Mechanical and Housing

| | |
|---|---|
| Housing Material | Steel |
| Reflector material | Polycarbonate |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | Stainless steel |
| Housing Color | White |
| Optical cover finish | Micro-lens optic |
| Overall length | 622 mm |
| Overall width | 622 mm |
| Overall height | 60 mm |
| Dimensions (Height x Width x Depth) | 60 x 622 x 622 mm |
| Compatible ceiling or ceiling installation accessory type | Visible profile ceiling version |
| Ingress protection code | IP20/40 [Finger-protected;Wire-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Net Weight (Piece) | 4.030 kg |

Approval and Application

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|---|--|
| 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 |
| Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 1 |
| Stroboscopic effect visibility measure (SVM) | 0.4 |
| Ambient temperature range | +10 to +40 °C |

Initial Performance (IEC Compliant)

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|--|----------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.38, 0.37) SDCM ≤3 |
| Power consumption tolerance | +/-10% |
| Standard Deviation of Colour Matching (McAdam ellipse) | SDCM≤3 |

Over Time Performance (IEC Compliant)

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|--|--------|
| Driver failure rate at 5000 h | 0.01 % |
| Control gear failure rate at median useful life 50000 h | 5 % |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h | L80 |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h | L70 |

Sustainability Data

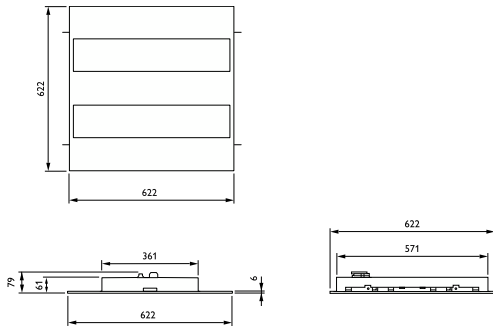
| | |
|-----------------------|---|
| Sustainability rating | Unclassified |
| Repair class | Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time. |

Product Data

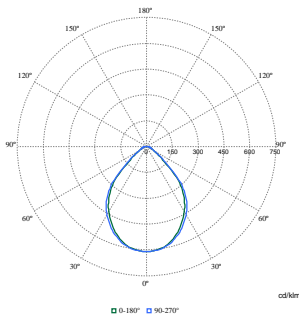
| | |
|---------------------------------|---|
| Order product name | RC342B 36S/940 PSE W62L62 VPC MLO |
| Full product name | RC342B 36S/940 PSE W62L62 VPC MLO |
| Full product code | 871951410243900 |
| Order code | 10243900 |
| Material Nr. (12NC) | 910925866980 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8719514102439 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8719514102439 |
| Product family code | RC342B [FLEXBLEND RECESSED, module 625] |

FlexBlend Recessed

Dimensional drawing



Photometric data



Polar Normal (separate) - RC340BI - 910925866980

