



FlexBlend Recessed

RC342B LED36S/940 PSD W31L125 VPC PCS PI

FLEXBLEND RECESSED, module 625, 940 neutral white, Power supply unit with DALI interface, Plug-in connector 3-pole Wieland/Adels compatible

Office owners and staff responsible for lighting operations are searching for high quality yet energy-efficient lighting that complies with norms and regulations. Designed to support these needs, Philips FlexBlend is enabling building owners to fully optimize their lighting operations, by offering office-compliant lighting with an attractive return on investment. Furthermore, FlexBlend provides the required flexibility by being easy applied on different ceiling types as well as in different office spaces like open office or meeting rooms. Though technology is changing fast, the ideal lighting solution is also expected to be ready to incorporate innovations and future advances that can help optimize operations further. For this reason, Philips FlexBlend is also ready to be connected to controls such as Actilume or used together with the Philips SpaceWise lighting system. It can also be connected to software-based lighting systems like Interact Office, which provides the luminaire with further intelligence and enables it to collect valuable data about its environment

Product data

| General Information | | Value ladder | Performance |
|--------------------------|---|-------------------|---|
| Light source replaceable | No | CE mark | Yes |
| Number of gear units | 1 unit | Warranty period | 5 years |
| Driver included | Yes | Flammability mark | For mounting on normally flammable surfaces |
| Service tag | Yes | ENEC mark | ENEC mark |
| Product family code | RC342B [FLEXBLEND RECESSED, module 625] | Glow-wire test | Temperature 850 °C, duration 30 s |
| Lighting Technology | LED | | |

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|-------------------|-----|
| EU RoHS compliant | Yes |
|-------------------|-----|

Light Technical

| | |
|------------------------------------|-------------------|
| Luminous Flux | 3,600 lumen |
| Saturated Red (R9) | >50 |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 97 lm/W |
| Color rendering index (CRI) | ≥90 |
| Flickering value (PstLM) | 1 |
| Stroboscopic effect value (SVM) | 0.4 |
| Beam angle of light source | 120 degree(s) |
| Light source color | 940 neutral white |
| Optic type | Wide beam |
| Luminaire light beam spread | 81° x 85° |
| Unified glare rating CEN | 19 |

Operating and Electrical

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|--|---|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Initial CLO power consumption | - W |
| Average CLO power consumption | - W |
| Inrush current | 22 A |
| Inrush time | 0.280 ms |
| Power Consumption | 25 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Plug-in connector 3-pole Wieland/Adels compatible |
| Cable | - |
| Number of products on MCB of 16 A type B | 24 |

Temperature

| | |
|---------------------------|---------------|
| Ambient temperature range | +10 to +40 °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 | Polycarbonate |
| Optic material | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Fixation material | Stainless steel |
| Housing Color | White RAL 9003 |
| Optical cover/lens finish | Textured |

| | |
|-------------------------------------|--------------------|
| Overall length | 1,247 mm |
| Overall width | 309.5 mm |
| Overall height | 60 mm |
| Dimensions (Height x Width x Depth) | 60 x 310 x 1247 mm |

Approval and Application

| | |
|------------------------------|--|
| Ingress protection code | IP54 [Dust accumulation-protected, splash-proof] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Sustainability rating | - |
| Protection class IEC | Safety class I |
| Photobiological risk | Photobiological risk group 0 @200mm to EN62778 |

Initial Performance (IEC Compliant)

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|-----------------------------|----------------------|
| Initial chromaticity | (0.38, 0.37) 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* | L85 |
| 50000 h | |
| Lumen maintenance at median useful life* | L80 |
| 100000 h | |

Application Conditions

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|------------------------------------|-------|
| Maximum dim level | 1% |
| Performance ambient temperature Tq | 25 °C |
| Suitable for random switching | Yes |

Product Data

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|---------------------------------|--|
| Full product code | 871951410423500 |
| Order product name | RC342B LED36S/940 PSD W31L125 VPC PCS PI |
| Order code | 910925867162 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 910925867162 |
| Full product name | RC342B LED36S/940 PSD W31L125 VPC PCS PI |
| EAN/UPC - Case | 8719514104235 |
| EAN/UPC - Product/Case | 8719514104235 |

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Dimensional drawing

