



CoreLine recessed

RC134B LED37S/830 PSD W60L60 OC

CoreLine recessed, 31.5 W, 600x600 mm, 3700 lm, 3000 K, DALI, Interact Ready, UGR19

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Recessed range of LED products can be used to replace functional luminaires in general lighting applications. The process of selecting, installing and maintaining is so easy — it's a simple switch.

Warnings and Safety

- The product is IPXO & as such is not protected against water ingress & as such we strongly recommend that The environment in which The luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure & product warranty will become void

Product data

| Number of gear units 1 unit Priver included Yes *-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. | | | |
|--|--------------------------|---|--|
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| Driver included Yes Remarks *-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. Service tag Yes | Light source replaceable | No | |
| *-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. Service tag Yes | Number of gear units | 1 unit | |
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| Service tag Yes | | B10. Therefore, the median useful life (B50) | |
| | | value also represents the B10 value. | |
| Product family code RC134B [Coreline Recessed] | Service tag | Yes | |
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| Connectivity | Interact Ready |
|---------------------|------------------------------------|
| Lighting Technology | LED |
| Value ladder | Performance |
| CE mark | Yes |
| Warranty period | 5 years |
| Flammability mark | For mounting on normally flammable |
| | surfaces |
| ENEC mark | ENEC mark |
| Glow-wire test | Temperature 850 °C, duration 30 s |
| EU RoHS compliant | Yes |

Datasheet, 2023, August 3 data subject to change

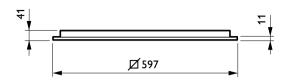
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|--|---------------------------------------|--|-------------------------------------|
| Light Technical | | Overall length | 597 mm |
| Luminous Flux | 3,700 lm | Overall width | 597 mm |
| Correlated Color Temperature (Nom) | 3000 K | Overall height | 41 mm |
| Luminous Efficacy (rated) (Nom) | 117 lm/W | Dimensions (Height x Width x Depth) | 41 x 597 x 597 mm |
| Color rendering index (CRI) | ≥80 | | |
| Light source color | 830 warm white | Approval and Application | |
| Optic type | Wide beam | Ingress protection code | IP44 [Wire-protected, splash-proof] |
| Luminaire light beam spread | 81° | Mech. impact protection code | IK02 [0.2 J standard] |
| Unified glare rating CEN | 19 | Sustainability rating | - |
| | | Protection class IEC | Safety class I |
| Operating and Electrical | | | |
| Input Voltage | 220-240 V | Initial Performance (IEC Compliant) | |
| Line Frequency | 50 to 60 Hz | Luminous flux tolerance | +/-8% |
| Inrush current | 22 A | Initial chromaticity | (0.43, 0.40) SDCM <3 |
| Inrush time | 0.275 ms | Power consumption tolerance | +/-10% |
| Power Consumption | 31.5 W | | |
| Power Factor (Fraction) | 0.9 | Over Time Performance (IEC Compliant) | |
| Connection | Push-in connector and pull relief | Control gear failure rate at median useful | 5 % |
| Cable | - | life 50000 h | |
| Number of products on MCB of 16 A type | 24 | Lumen maintenance at median useful life | * L75 |
| В | | 50000 h | |
| | | | |
| Temperature | | Application Conditions | |
| Ambient temperature range | +10 to +40 °C | Performance ambient temperature Tq | 25 °C |
| | | Maximum dim level | 1% |
| Controls and Dimming | | Suitable for random switching | Yes |
| Dimmable | Yes | | |
| Driver/power unit/transformer | Power supply unit with DALI interface | Product Data | |
| Control interface | DALI | Order product name | RC134B LED37S/830 PSD W60L60 O |
| Constant light output | No | Full product name | RC134B LED37S/830 PSD W60L60 O |
| | | Full product code | 871869934813700 |
| Mechanical and Housing | | Order code | 34813700 |
| Housing Material | Steel | Material Nr. (12NC) | 910925864771 |
| Reflector material | Polycarbonate | Numerator - Quantity Per Pack | 1 |
| Optic material | Polycarbonate | EAN/UPC - Product/Case | 8718699348137 |
| Optical cover material | Polycarbonate | Numerator - Packs per outer box | 1 |
| Fixation material | - | EAN/UPC - Case | 8718699348137 |
| Housing Color | White | | |
| Optical cover finish | Textured | | |

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Dimensional drawing







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