



CoreLine recessed

RC134B LED37S/830 PSD W60L60 NOC

CoreLine recessed, 35.5 W, 600x600 mm, 3700 lm, 3000 K, DALI

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

| General Information | |
|--------------------------|---|
| Light source replaceable | No |
| Number of gear units | 1 unit |
| 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 |
| Product family code | RC134B [Coreline Recessed] |
| | |

| 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 |
| | |
| Light Technical | |
| Luminous Flux | 3,700 lm |
| | |

Datasheet, 2023, August 3 data subject to change

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| Correlated Color Temperature (Nom) | 3000 K |
|--|---|
| Luminous Efficacy (rated) (Nom) | 104 lm/W |
| Color rendering index (CRI) | ≥80 |
| Light source color | 830 warm white |
| Optic type | Wide beam |
| Luminaire light beam spread | 93° |
| Unified glare rating CEN | 22 |
| | |
| Operating and Electrical | |
| Input Voltage | 220-240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 22 A |
| Inrush time | 0.275 ms |
| Power Consumption | 35.5 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector and pull relief |
| Cable | - |
| Number of products on MCB of 16 A type | 24 |
| В | |
| | |
| Tananauatuwa | |
| Temperature | |
| Ambient temperature range | +10 to +40 °C |
| | +10 to +40 °C |
| | +10 to +40 °C |
| Ambient temperature range | +10 to +40 °C Yes |
| Ambient temperature range Controls and Dimming | |
| Ambient temperature range Controls and Dimming Dimmable | Yes |
| Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer | Yes Power supply unit with DALI interface |
| Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface | Yes Power supply unit with DALI interface DALI |
| Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface | Yes Power supply unit with DALI interface DALI |
| Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output | Yes Power supply unit with DALI interface DALI |
| Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing | Yes Power supply unit with DALI interface DALI No |
| Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material | Yes Power supply unit with DALI interface DALI No Steel |
| Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material | Yes Power supply unit with DALI interface DALI No Steel Polycarbonate |
| Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material | Yes Power supply unit with DALI interface DALI No Steel Polycarbonate Polycarbonate |
| Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material | Yes Power supply unit with DALI interface DALI No Steel Polycarbonate Polycarbonate |
| Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material | Yes Power supply unit with DALI interface DALI No Steel Polycarbonate Polycarbonate - |
| Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color | Yes Power supply unit with DALI interface DALI No Steel Polycarbonate Polycarbonate Polycarbonate - White |

| Overall width | 597 mm |
|---|---|
| Overall height | 41 mm |
| Dimensions (Height x Width x Depth) | 41 x 597 x 597 mm |
| | |
| Approval and Application | |
| Ingress protection code | IP44 [Wire-protected, splash-proof] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Sustainability rating | - |
| Protection class IEC | Safety class I |
| | |
| Initial Performance (IEC Compliant) | |
| Luminous flux tolerance | +/-8% |
| Initial chromaticity | (0.43, 0.40) SDCM <3 |
| Power consumption tolerance | +/-10% |
| | |
| Over Time Performance (IEC Compli | ant) |
| Control gear failure rate at median useful | 5 % |
| life 50000 h | |
| | |
| Lumen maintenance at median useful life* | L75 |
| Lumen maintenance at median useful life* 50000 h | L75 |
| | L75 |
| | L75 |
| 50000 h | L75 25 °C |
| 50000 h Application Conditions | |
| Application Conditions Performance ambient temperature Tq | 25 ℃ |
| Application Conditions Performance ambient temperature Tq Maximum dim level | 25 °C 1% |
| Application Conditions Performance ambient temperature Tq Maximum dim level | 25 °C 1% |
| Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching | 25 °C 1% |
| Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data | 25 °C 1% Yes |
| Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name | 25 °C 1% Yes RC134B LED37S/830 PSD W60L60 NOC |
| Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name | 25 °C 1% Yes RC134B LED375/830 PSD W60L60 NOC RC134B LED375/830 PSD W60L60 NOC |
| Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product code | 25 °C 1% Yes RC134B LED375/830 PSD W60L60 NOC RC134B LED375/830 PSD W60L60 NOC 871869934800700 |
| Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code | 25 °C 1% Yes RC134B LED37S/830 PSD W60L60 NOC RC134B LED37S/830 PSD W60L60 NOC 871869934800700 34800700 |
| Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) | 25 °C 1% Yes RC134B LED37S/830 PSD W60L60 NOC RC134B LED37S/830 PSD W60L60 NOC 871869934800700 34800700 910925864758 |
| Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack | 25 °C 1% Yes RC134B LED37S/830 PSD W60L60 NOC RC134B LED37S/830 PSD W60L60 NOC 871869934800700 34800700 910925864758 1 |

Dimensional drawing





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