PHILIPS Lighting



CoreLine recessed

RC134B LED37S/840 PSU W60L60 NOC

CoreLine recessed, 34 W, 600x600 mm, 3700 lm, 4000 K

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. In addition, Coreline Recessed also provides the option of advanced connectivity and is ready to be connected to IoT based software applications such as Interact Pro.

Warnings and Safety

- The product is IPXO and as such is not protected against water ingress, so 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 and product warranty will become void

Product data

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

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| Light Technical | |
|----------------------------------|-------------------|
| Luminous Flux | 3,700 lm |
| Correlated Colour Temperature | 4000 K |
| Luminous efficacy (rated) (nom.) | 109 lm/W |
| Colour rendering index (CRI) | ≥80 |
| Light source colour | 840 neutral white |
| Optic type | Wide beam |
| Luminaire light beam spread | 93° |
| Unified Glare Rating (CEN) | 22 |
| | |

| Operating | and I | Electrical |
|-----------|-------|------------|

| Input Voltage | 220-240 V |
|--|-----------------------------------|
| Line Frequency | 50 to 60 Hz |
| Inrush current | 8 A |
| Inrush time | 0.06 ms |
| Power Consumption | 34 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 | |

| 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 Complian | nt) |
| Luminous flux tolerance | +/-8% |
| Initial chromaticity | (0.38, 0.38) SDCM <3 |
| Power consumption tolerance | +/-10% |
| | |

597 mm

597 mm

41 mm

| Control gear failure rate at median useful | 5 % |
|--|-----|
| life 50,000 h | |
| Lumen maintenance at median useful life* | L75 |
| 50,000 h | |

Application Conditions

Overall length

Overall width

Overall height

| Application conditions | |
|------------------------------------|------|
| Performance ambient temperature Tq | 25 ℃ |
| Suitable for random switching | Yes |

Product Data

| Flouuci Data | |
|-----------------------------------|----------------------------------|
| Order product name | RC134B LED37S/840 PSU W60L60 NOC |
| Full product name | RC134B LED37S/840 PSU W60L60 NOC |
| Full EOC | 871869934817500 |
| Order code | 34817500 |
| Material no. (12 NC) | 910925864775 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC — Product/Case | 8718699348175 |
| Numerator – packs per outer box | 1 |
| EAN/UPC - Case | 8718699348175 |
| | |

Temperature

Ambient temperature range

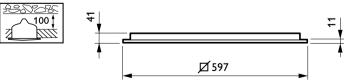
| Controls and Dimming | |
|-------------------------------|----------------------------|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Constant light output | No |

+10 to +40 °C

Mechanical and Housing

| Housing material | Steel |
|-----------------------------|---------------|
| Reflector material | Polycarbonate |
| Optic material | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Fixation material | - |
| Housing Colour | White |
| Optical cover/lens finish | Textured |

Dimensional drawing



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