



CoreLine Recessed

RC134B LED37S/840 PSU W30L120 NOC

Coreline Recessed - 840 neutral white - Power supply unit

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 IPX0 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 | | Flammability mark | F [For mounting on normally flammable surfaces] |
|-------------------------------|---|-----------------------|--|
| Light source colour | 840 neutral white | CE mark | CE mark |
| Light source replaceable | No | ENEC mark | ENEC mark |
| Number of gear units | 1 unit | Warranty period | 5 years |
| Driver/power unit/transformer | PSU [Power supply unit] | Remarks | *- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value. |
| Driver included | Yes | Constant light output | No |
| Optic type | WB [Wide beam] | | |
| Luminaire light beam spread | 93° | | |
| Control interface | - | | |
| Connection | PIP [Push-in connector and pull relief] | | |
| Cable | - | | |
| Protection class IEC | Safety class I (I) | | |
| Glow-wire test | 850/30 [Temperature 850 °C, duration 30 s] | | |

CoreLine Recessed

| | |
|---|-----------------------------|
| Number of products on MCB (16 A type B) | 24 |
| EU RoHS compliant | Yes |
| Product family code | RC134B [Coreline Recessed] |
| Unified glare rating CEN | 22 |

Operating and Electrical

| | |
|---------------------|--------------|
| Input Voltage | 220 to 240 V |
| Input frequency | 50 to 60 Hz |
| Inrush current | 8 A |
| Inrush time | 0.06 ms |
| Power factor (min.) | 0.9 |

Controls and Dimming

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|----------|----|
| Dimmable | No |
|----------|----|

Mechanical and Housing

| | |
|-------------------------------------|---|
| Housing material | Steel |
| Reflector material | Polycarbonate |
| Optic material | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Fixation material | - |
| Optical cover/lens finish | Textured |
| Overall length | 1197 mm |
| Overall width | 297 mm |
| Overall height | 41 mm |
| Colour | White |
| Dimensions (height x width x depth) | 41 x 297 x 1197 mm (1.6 x 11.7 x 47.1 in) |

Approval and Application

| | |
|------------------------------|--------------------------------------|
| Ingress protection code | IP44 [Wire-protected, splash-proof] |
| Mech. impact protection code | IK02 [0.2 J standard] |

Initial Performance (IEC Compliant)

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|-------------------------------------|---------|
| Initial luminous flux (system flux) | 3700 lm |
|-------------------------------------|---------|

| | |
|--------------------------------|----------------------|
| Luminous flux tolerance | +/-8% |
| Initial LED luminaire efficacy | 109 lm/W |
| Init. Corr. Colour Temperature | 4000 K |
| Init. Colour rendering index | ≥80 |
| Initial chromaticity | (0.38, 0.38) SDCM <3 |
| Initial input power | 34 W |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

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

Application Conditions

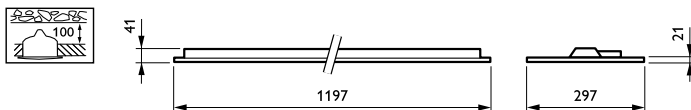
| | |
|------------------------------------|----------------|
| Ambient temperature range | +10 to +40 °C |
| Performance ambient temperature Tq | 25 °C |
| Maximum dimming level | Not applicable |
| Suitable for random switching | Yes |

Product Data

| | |
|-------------------------------------|-----------------------------------|
| Full product code | 871869934818200 |
| Order product name | RC134B LED37S/840 PSU W30L120 NOC |
| EAN/UPC – product | 8718699348182 |
| Order code | 34818200 |
| Numerator – quantity per pack | 1 |
| SAP numerator – packs per outer box | 1 |
| Material no. (12 NC) | 910925864776 |
| Net Weight (Piece) | 3.300 kg |



Dimensional drawing



CoreLine Recessed RC134B/RC135B

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