



# CoreLine Recessed

## RC134B LED37S/840 PSD W60L60 NOC

Coreline Recessed - 840 neutral white - Power supply unit with DALI interface

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.

### Product data

| General Information           |                                                  | Remarks                                                                                                                                                                                                                                                                                                         |                             |
|-------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Light source colour           | 840 neutral white                                | * - 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. |                             |
| Light source replaceable      | No                                               |                                                                                                                                                                                                                                                                                                                 |                             |
| Number of gear units          | 1 unit                                           |                                                                                                                                                                                                                                                                                                                 |                             |
| Driver/power unit/transformer | PSD [ Power supply unit with DALI interface]     |                                                                                                                                                                                                                                                                                                                 |                             |
| Driver included               | Yes                                              |                                                                                                                                                                                                                                                                                                                 |                             |
| Optic type                    | WB [ Wide beam]                                  |                                                                                                                                                                                                                                                                                                                 |                             |
| Luminaire light beam spread   | 93°                                              |                                                                                                                                                                                                                                                                                                                 |                             |
| Control interface             | DALI                                             |                                                                                                                                                                                                                                                                                                                 |                             |
| Connection                    | PIP [ Push-in connector and pull relief]         |                                                                                                                                                                                                                                                                                                                 |                             |
| Cable                         | -                                                |                                                                                                                                                                                                                                                                                                                 |                             |
| Protection class IEC          | Safety class I (I)                               | Constant light output                                                                                                                                                                                                                                                                                           | No                          |
| Glow-wire test                | 850/30 [ Temperature 850 °C, duration 30 s]      | Number of products on MCB (16 A type B)                                                                                                                                                                                                                                                                         | 24                          |
| Flammability mark             | F [ For mounting on normally flammable surfaces] | EU RoHS compliant                                                                                                                                                                                                                                                                                               | Yes                         |
| CE mark                       | CE mark                                          | Product family code                                                                                                                                                                                                                                                                                             | RC134B [ Coreline Recessed] |
| ENEC mark                     | ENEC mark                                        | Unified glare rating CEN                                                                                                                                                                                                                                                                                        | 22                          |
| Warranty period               | 5 years                                          | <b>Operating and Electrical</b>                                                                                                                                                                                                                                                                                 |                             |
|                               |                                                  | Input Voltage                                                                                                                                                                                                                                                                                                   | 220 to 240 V                |
|                               |                                                  | Input frequency                                                                                                                                                                                                                                                                                                 | 50 to 60 Hz                 |

## CoreLine Recessed

|                     |          |
|---------------------|----------|
| Inrush current      | 22 A     |
| Inrush time         | 0.275 ms |
| Power factor (min.) | 0.9      |

### Controls and Dimming

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

### 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                      | 597 mm                                   |
| Overall width                       | 597 mm                                   |
| Overall height                      | 41 mm                                    |
| Colour                              | White                                    |
| Dimensions (height x width x depth) | 41 x 597 x 597 mm (1.6 x 23.5 x 23.5 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)

|                                |          |
|--------------------------------|----------|
| Initial luminous flux          | 3700 lm  |
| Luminous flux tolerance        | +/-8%    |
| Initial LED luminaire efficacy | 104 lm/W |
| Init. Corr. Colour Temperature | 4000 K   |

|                              |                      |
|------------------------------|----------------------|
| Init. Colour rendering index | ≥80                  |
| Initial chromaticity         | (0.38, 0.38) SDCM <3 |
| Initial input power          | 35.5 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

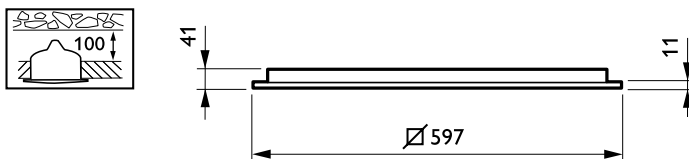
|                                    |               |
|------------------------------------|---------------|
| Ambient temperature range          | +10 to +40 °C |
| Performance ambient temperature Tq | 25 °C         |
| Maximum dimming level              | 1%            |
| Suitable for random switching      | Yes           |

### Product Data

|                                   |                                  |
|-----------------------------------|----------------------------------|
| Full product code                 | 871869934798700                  |
| Order product name                | RC134B LED37S/840 PSD W60L60 NOC |
| EAN/UPC – product                 | 8718699347987                    |
| Order code                        | 34798700                         |
| SAP numerator – quantity per pack | 1                                |
| Numerator – packs per outer box   | 1                                |
| SAP material                      | 910925864756                     |
| SAP net weight (piece)            | 2.900 kg                         |



## Dimensional drawing



CoreLine Recessed RC134B/RC135B

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