



# CoreLine Recessed

## RC134B LED27S/830 PSD W30L120 ELB3 NOC

Coreline Recessed - 830 warm 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           | 830 warm white                                   | * - 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. |                             |
| 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   | 38                          |
| Flammability mark             | F [ For mounting on normally flammable surfaces] | RoHS mark   | RoHS mark                   |
| 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                 |
|                               |  | Inrush current  | 14.7 A                      |
|                               |  | Inrush time   | 0.25 ms                     |

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|                     |     |
|---------------------|-----|
| 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              | 1197 mm       |
| Overall width               | 297 mm        |
| Overall height              | 41 mm         |
| Colour                      | White         |

### 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          | 2700 lm |
| Luminous flux tolerance        | +/-8%   |
| Initial LED luminaire efficacy | 79 lm/W |
| Init. Corr. colour temperature | 3000 K  |
| Init. colour rendering index   | ≥80     |

|                             |                      |
|-----------------------------|----------------------|
| Initial chromaticity        | (0.43, 0.40) SDCM <3 |
| Initial input power         | 34 W                 |
| Power consumption tolerance | +/-10%               |

### Over Time Performance (IEC Compliant)

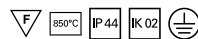
|   |     |
|---|-----|
| Control gear failure rate at median useful life 50000 h | 5 % |
| Lumen maintenance at median useful life* 50000 h        | L75 |

### Application Conditions

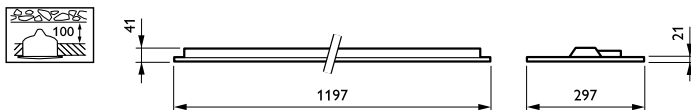
|                                    |               |
|------------------------------------|---------------|
| Ambient temperature range          | +10 to +40 °C |
| Performance ambient temperature Tq | 25 °C         |

### Product Data

|                                 |  |
|---------------------------------|--|
| Full product code               | 871869934841000                        |
| Order product name              | RC134B LED27S/830 PSD W30L120 ELB3 NOC |
| EAN/UPC – product               | 8718699348410                          |
| Order code                      | 34841000                               |
| Numerator – quantity per pack   | 1                                      |
| Numerator – packs per outer box | 1                                      |
| Material no. (12NC)             | 910925864799                           |
| Net weight (piece)              | 3.750 kg                               |



## Dimensional drawing



CoreLine Recessed RC134B/RC135B

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