



# CoreLine recessed

## RC134B LED37S/840 W60L60 IA1 NOC

CoreLine recessed, 35.4 W, 600x600 mm, 3700 lm, 4000 K, Wireless, Interact Ready

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 & 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      |                            | Flammability mark                           |  |
|--------------------------|----------------------------|---|--|
| Light source replaceable | No                         | For mounting on normally flammable surfaces |  |
| Number of gear units     | 1 unit                     | ENEC mark                                   |  |
| Driver included          | Yes                        | Glow-wire test                              |  |
| Service tag              | Yes                        | Temperature 850 °C, duration 30 s           |  |
| Product family code      | RC134B [Coreline Recessed] | EU RoHS compliant                           |  |
| Connectivity             | Interact Ready             | Yes   |  |
| Lighting Technology      | LED                        | Light Technical                             |  |
| Value ladder             | Performance                | Luminous Flux                               |  |
| Embedded control         | Interact SNS210 sensor     | 3,700 lm                                    |  |
| CE mark                  | Yes                        | Correlated Color Temperature (Nom)          |  |
| Warranty period          | 5 years                    | 4000 K                                      |  |
|                          |                            | Luminous Efficacy (rated) (Nom)             |  |
|                          |                            | 104.5 lm/W                                  |  |
|                          |                            | Color rendering index (CRI)                 |  |
|                          |                            | ≥80   |  |
|                          |                            | Light source color                          |  |
|                          |                            | 840 neutral white                           |  |

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|                             |           |
|-----------------------------|-----------|
| 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                        | 35.4 W                            |
| Power Factor (Fraction)                  | 0.9                               |
| Connection                               | Push-in connector and pull relief |
| Cable                                    | -                                 |
| Number of products on MCB of 16 A type B | 24                                |

### Temperature

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | +10 to +40 °C |
|---------------------------|---------------|

### Controls and Dimming

|                               |                                       |
|-------------------------------|---------------------------------------|
| Dimmable                      | Wireless Dim                          |
| Driver/power unit/transformer | Power supply unit regulating external |
| Control interface             | Wireless                              |
| Constant light output         | No                                    |

### Mechanical and Housing

|                                     |                   |
|-------------------------------------|-------------------|
| Housing Material                    | Steel             |
| Reflector material                  | Polycarbonate     |
| Optic material                      | Polycarbonate     |
| Optical cover material              | Polycarbonate     |
| Fixation material                   | -                 |
| Housing Color                       | White             |
| Optical cover finish                | Textured          |
| Overall length                      | 597 mm            |
| 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      | IP20/44 [Finger-protected; 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        | (0.38, 0.38) SDCM <3 |
| Power consumption tolerance | +/-10%               |

### Over Time Performance (IEC Compliant)

|   |     |
|---|-----|
| Driver failure rate at 5000 h                           | 1 % |
| Control gear failure rate at median useful life 50000 h | 5 % |
| Lumen maintenance at median useful life* 50000 h        | L75 |

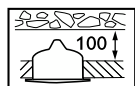
### Application Conditions

|                                    |       |
|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level                  | 1%    |
| Suitable for random switching      | Yes   |

### Product Data

|                                 |                                  |
|---------------------------------|----------------------------------|
| Order product name              | RC134B LED37S/840 W60L60 IA1 NOC |
| Full product name               | RC134B LED37S/840 W60L60 IA1 NOC |
| Full product code               | 871869699649200                  |
| Order code                      | 99649200                         |
| Material Nr. (12NC)             | 910925865170                     |
| Numerator - Quantity Per Pack   | 1                                |
| EAN/UPC - Product/Case          | 8718696996492                    |
| Numerator - Packs per outer box | 1                                |
| EAN/UPC - Case                  | 8718696996492                    |

## Dimensional drawing



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