



CoreLine recessed

RC136B 31S_37S_43S/840 PSD W60L60 OC W5

CoreLine recessed, 31 W, 22 W, 600x600 mm, 3100 lumen, 3700 lumen, 4300 lumen, 4000 K, DALI, UGR19, Wieland

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 | | Light Technical | |
|--------------------------|---|------------------------------------|-----------------------------------|
| Light source replaceable | No | Glow-wire test | Temperature 650 °C, duration 30 s |
| Number of gear units | 1 unit | EU RoHS compliant | Yes |
| Driver included | Yes | Luminous Flux | 3,100 3,700 4,300 lumen |
| Service tag | No | Saturated Red (R9) | <50 |
| Lighting Technology | LED | Correlated Color Temperature (Nom) | 4000 K |
| Value ladder | Performance | Luminous Efficacy (rated) (Nom) | 140 lm/W |
| CE mark | Yes | Color rendering index (CRI) | ≥80 |
| Warranty period | 5 years | Flickering value (PstLM) | 1 |
| Flammability mark | For mounting on normally flammable surfaces | Stroboscopic effect value (SVM) | 1.6 |
| ENEC mark | ENEC mark | Light source color | 840 neutral white |

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| | |
|-----------------------------|----------------|
| Optic type | Beam angle 84° |
| Luminaire light beam spread | 84° |
| Unified glare rating CEN | 19 |

Operating and Electrical

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|--|--|
| Input Voltage | 220-240 V |
| Line Frequency | 50 or 60 Hz |
| Inrush current | 15.6 A |
| Inrush time | 0.23 ms |
| Power Consumption | 31.22 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Connection unit 5-pole |
| Cable | Cord with plug Wieland/Adels compatible 5-pole |
| Number of products on MCB of 16 A type B | 30 |

Wiring

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|----------------|---------|
| Connector Type | Wieland |
|----------------|---------|

Temperature

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

Controls and Dimming

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|-------------------------------|---------------------------------------|
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit with DALI interface |
| Control interface | DALI |
| Constant light output | No |

Mechanical and Housing

| | |
|-------------------------------------|-------------------------|
| Housing Material | Steel |
| Reflector material | Polycarbonate |
| Optic material | Polycarbonate |
| Optical cover/lens material | Polymethyl methacrylate |
| Fixation material | - |
| Housing Color | White |
| Optical cover/lens finish | Microprismatic lens |
| Overall length | 597 mm |
| Overall width | 597 mm |
| Overall height | 44 mm |
| Dimensions (Height x Width x Depth) | 44 x 597 x 597 mm |

Approval and Application

| | |
|------------------------------|--|
| Ingress protection code | IP20/44 [Finger-protected; wire-protected, splash-proof] |
| Mech. impact protection code | IK03 [0.3 J] |
| Sustainability rating | - |
| Protection class IEC | Safety class II |
| Photobiological risk | Photobiological risk group 0 @200mm to EN62778 |

Initial Performance (IEC Compliant)

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|-----------------------------|----------------------|
| Initial chromaticity | (0.38, 0.38) SDCM ≤3 |
| Luminous flux tolerance | +/-10% |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

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|---|-----|
| Control gear failure rate at median useful life 50000 h | 5 % |
| Lumen maintenance at median useful life* 50000 h | L85 |
| Lumen maintenance at median useful life* 100000 h | L70 |

Application Conditions

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|------------------------------------|-------|
| Maximum dim level | 3% |
| Performance ambient temperature Tq | 25 °C |
| Suitable for random switching | Yes |

Product Data

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|---------------------------------|---|
| Full product code | 871951451229000 |
| Order product name | RC136B 31S_37S_43S/840 PSD W60L60 OC W5 |
| Order code | 51229000 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 911401881581 |
| Full product name | RC136B 31S_37S_43S/840 PSD W60L60 OC W5 |
| EAN/UPC - Case | 8719514512290 |
| EAN/UPC - Product/Case | 8719514512290 |

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Dimensional drawing

