



CoreLine Downlight

DN130B LED20S/840 IA1 WH

CoreLine Downlight, 22 W, D200 mm, 2000 lm, 4000 K, Wireless, Frosted, IP20

The CoreLine Downlight range of recessed luminaires is designed to replace CFL-ni/CFL-i based downlight luminaires. Their attractive TCO helps customers to make the switch to LED. These luminaires create a natural lighting effect for use in general lighting applications. They also deliver instant energy savings and have a much longer lifetime, creating a real value-for-money and environmentally friendly solution. They are easy to install thanks to their standard cut-out size and push-in connectors.

Product data

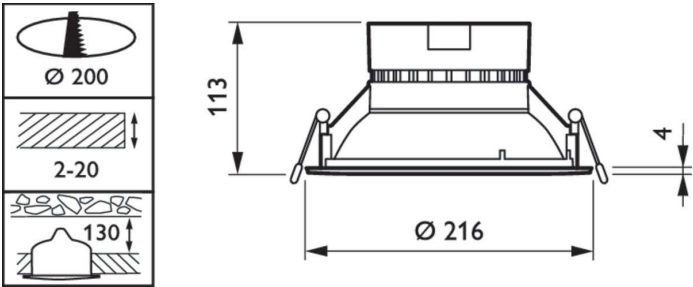
| General Information | | | |
|--------------------------|--|----------------------------------|---|
| Light source replaceable | No | Warranty period | 5 years |
| Number of gear units | Unit | Flammability mark | For mounting on normally flammable surfaces |
| Driver included | Yes | ENEC mark | ENEC mark |
| 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. | Glow-wire test | Temperature 850 °C, duration 5 s |
| Product family code | DN130B [CoreLine Downlight WH] | EU RoHS compliant | Yes |
| Lighting Technology | LED | Light Technical | |
| Value ladder | Performance | Luminous Flux | 2,000 lm |
| Embedded control | Interact SNS210 sensor | Correlated Colour Temperature | 4000 K |
| CE mark | Yes | Luminous efficacy (rated) (nom.) | 90 lm/W |
| | | Colour rendering index (CRI) | 80 |
| | | Beam angle of light source | 120 degree(s) |
| | | Light source colour | 840 neutral white |
| | | Optic type | White reflector without louvre |
| | | Luminaire light beam spread | 90° |

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| Unified Glare Rating (CEN) | 28 |
| Operating and Electrical | |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 16 A |
| Inrush time | 0.32 ms |
| Power Consumption | 22 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector 2-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | 24 |
| Temperature | |
| Ambient temperature range | -10 to +40 °C |
| Controls and Dimming | |
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit regulating external |
| Control interface | Wireless |
| Constant light output | No |
| Mechanical and Housing | |
| Housing material | Polycarbonate |
| Reflector material | Polycarbonate |
| Optic material | - |
| Optical cover/lens material | Polycarbonate |
| Fixation material | Steel |
| Housing Colour | White |
| Optical cover/lens finish | Frosted |
| Overall height | 109 mm |
| Overall diameter | 216 mm |

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| Approval and Application | |
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Protection class IEC | Safety class II |
| Initial Performance (IEC Compliant) | |
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.38, 0.37) SDCM <5 |
| 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 | L70 |
| Application Conditions | |
| Performance ambient temperature Tq | 25 °C |
| Suitable for random switching | Yes |
| Product Data | |
| Order product name | DN130B LED20S/840 IA1 WH |
| Full product name | DN130B LED20S/840 IA1 WH |
| Full EOC | 871869939710400 |
| Order code | 39710400 |
| Material no. (12 NC) | 910500465263 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC — Product/Case | 8718699397104 |
| Numerator – packs per outer box | 1 |
| EAN/UPC - Case | 8718699397104 |

Dimensional drawing



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