



CoreLine SlimDownlight

DN145B LED20S/830_840 PSU WH

CoreLine SlimDownlight, All-in, 21 W, D205 mm, 2100 lm, 3000 K, 4000 K, Matte, IP20/44

CoreLine slimdownlight delivers on the CoreLine promise of innovative, easy to use and high-quality indoor LED downlights. CoreLine slimdownlight is an innovative range of recessed and surface-mounted luminaires. It is designed to provide uniform lighting across multiple application areas. With instant energy savings and a longer lifetime, this is an environmentally friendly and cost saving solution. Its MultiColorTemp feature offers a choice of two color temperatures in a single luminaire. This makes it easy to select the right product, gives you the flexibility respond to customer preferences on site, and means fewer product codes on stock. Simple and easy installation means our slim downlight fits the same size cut-out, while the minimal built-in depth of 34mm makes this product an ideal space saving solution, especially for projects with limited fitting space. InterAct Ready option with integrated wireless communications in this family is available, to be used with InterAct gateways, sensors and software.

Product data

| General Information | | |
|-----------------------|-------------|--|
| Number of gear units | 1 unit | |
| Driver included | Yes | |
| Service tag | Yes | |
| Value ladder | Performance | |
| Warranty period | 5 years | |
| Sustainability rating | - | |

| Light Technical | |
|------------------------------------|-----------------------------------|
| Luminous Flux | 2,100 lm |
| Correlated Color Temperature (Nom) | 3000 4000 K |
| Luminous Efficacy (rated) (Nom) | 100 lm/W |
| Color rendering index (CRI) | >80 |
| Light source color | 830 warm white, 840 neutral white |
| Optic type | Wide beam |
| Luminaire light beam spread | 80° |

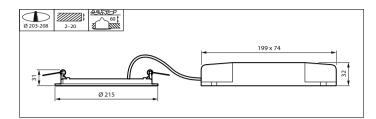
CoreLine SlimDownlight

| Unified glare rating CEN | 27 |
|--|----------------------------------|
| All-in Type | All-in, Multi Color Temperature |
| | |
| Operating and Electrical | |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 or 60 Hz |
| Average CLO power consumption | - W |
| Inrush current | 28.9 A |
| Inrush time | 0.0016 ms |
| Power Consumption | 21 W |
| Power Factor (Fraction) | 0.9 |
| Connection | 2 Push-in connector 2-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | 16 |
| Suitable for random switching | Not applicable |
| Protection class IEC | Safety class II |
| Total harmonic distortion | 20 % |
| | |
| Controls and Dimming | |
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface | - |
| Constant light output | No |
| | |
| Mechanical and Housing | |
| Housing Material | Aluminium |
| Reflector material | Polycarbonate |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | - |
| Housing Color | White |
| Optical cover finish | Matte |
| Overall height | 30 mm |
| Overall diameter | 215 mm |
| Ingress protection code | IP20/44 [Finger-protected; wire- |
| | protected, splash-proof] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Net Weight (Piece) | 0.503 kg |

| Emergency Operation Central Emergency No Approval and Application Glow-wire test Flammability mark For mounting on normally flammable surfaces CE mark Ves ENEC mark EU RoHS compliant Yes Performance ambient temperature Tq 25 °C Ambient temperature range -20 to +40 °C Initial Performance (IEC Compliant) Luminous flux tolerance -0% / +10% Initial Performance (IEC Compliant) Luminous flux tolerance +/-10% / +10% Initial chromaticity (0.44, 0.41) SDCM <3; (0.38, 0.38) SDCM -33 Power consumption tolerance +/-10% Standard Deviation of Colour Matching SDCM≤3 (McAdam ellipse) Over Time Performance (IEC Compliant) Lumen maintenance at median useful 16 \$5 % 116 \$5000 h Lumen maintenance at median useful 16 \$5 % 116 \$5000 h Lumen maintenance at median useful 170 S0000 h Product Data Order product name DN1458 LED205/830_840 PSU WH Full Product name DN1458 LED205/830_840 PSU WH FULD Product Code S120169500426 S1201695 | | |
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| Approval and Application Glow-wire test Temperature 650 °C, duration 30 s Flammability mark For mounting on normally flammable surfaces CE mark Yes ENEC mark ENEC mark EU RoHS compliant Yes Performance ambient temperature Tq 25 °C Ambient temperature range -20 to +40 °C Initial Performance (IEC Compliant) Luminous flux tolerance -10% / +10% Initial chromaticity (0.44, 0.41) SDCM <3; (0.38, 0.38) SDCM <3 Power consumption tolerance +/-10% Standard Deviation of Colour Matching SDCM≤3 (McAdam ellipse) Over Time Performance (IEC Compliant) Control gear failure rate at median useful 5 % Iife 50000 h Lumen maintenance at median useful 15 °K Iife 50000 h Lumen maintenance at median useful 16e* Product Data Order product name DN145B LED205/830_840 PSU WH Full product name DN140816285 Material Nr. (12NC) 911401816285 | Emergency Operation | |
| Glow-wire testTemperature 650 °C, duration 30 sFlammability markFor mounting on normally flammable surfacesCE markENEC markEU RoHS compliantYesPerformance ambient temperature Tq25 °CAmbient temperature range-20 to +40 °CInitial Performance (IEC Compliant)Imitial Performance (IEC Compliant)Luminous flux tolerance-10% / +10%Initial chromaticity(0.44, 0.41) SDCM <3; (0.38, 0.38) SDCM <3Power consumption tolerance+/-10%Standard Deviation of Colour Matching SDCM≤3SDCM≤3Over Time Performance (IEC Compliant)Standard Deviation of S%Control gear failure rate at median useful life 5000 h5%Product DataDN145B LED205/830_840 PSU WHFull product nameDN145B LED205/830_840 PSU WHFull product nameDN145B LED205/830_840 PSU WHFull product nameDN145B LED205/830_840 PSU WHFull product nameP1401816285Mumerator - Quantity Per Pack1EAN/UPC - Product/Case8720169500426Numerator - Packs per outer box10 | Central Emergency | No |
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| | EAN/UPC - Case | 8720169500471 |

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Dimensional drawing





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