



Essential SmartBright LED Downlight

DN020B G4 LED20/NW 20W 220-240V D200

Essential SmartBright LED Downlight, 20 W, 2000 lm, 4000 K, Beam angle 110°, White

Plastic, White, Power supply unit, 2000 lm, 20 W, 100 lm/W, 4000 K, (X=, 0.3839 ; Y=, 0.3843) 5SDCM, Beam angle 110°, Frosted, Polycarbonate, IP20 | Finger-protected, IK03 | 0.3 J, Safety class II, Flying leads/wires

Product data

| General Information | | Operating and Electrical | |
|--|-------------------|-------------------------------|---------------------------|
| Light source replaceable | No | Input Voltage | 220 to 240 V |
| Number of gear units | 1 unit | Input Frequency | 50 or 60 Hz |
| Driver included | Yes | Inrush time | 0.15 ms |
| Switching Cycle | 10,000 | Power Consumption | 20 W |
| Warranty period | 1 years | Power Factor (Fraction) | 0.5 |
| Light Technical | | Connection | Flying leads/wires |
| Luminous Flux | 2,000 lm | Cable | Cable without plug 2-pole |
| Correlated Color Temperature (Nom) | 4000 K | Suitable for random switching | Not applicable |
| Luminous Efficacy (rated) (Nom) | 100 lm/W | Protection class IEC | Safety class II |
| Color rendering index (CRI) | 80 | Controls and Dimming | |
| Light source color | 840 neutral white | Dimmable | No |
| Optic type | Beam angle 110° | Driver/power unit/transformer | Power supply unit |
| Luminaire light beam spread | 100° | Constant light output | No |
| Photobiological safety according to EN 62471 | RG0 | Mechanical and Housing | |
| | | Housing Material | Plastic |

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| | |
|------------------------------|-------------------------|
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | Steel |
| Housing Color | White |
| Optical cover finish | Frosted |
| Overall height | 35 mm |
| Overall diameter | 225 mm |
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK03 [0.3 J] |
| Net Weight (Piece) | 0.225 kg |

Approval and Application

| | |
|----------------------------|---|
| Insulation Coverage Rating | Non IC Rating |
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flammability mark | For mounting on normally flammable surfaces |
| EU RoHS compliant | Yes |
| EyeComfort | Yes |
| Ambient temperature range | -20 °C to 40 °C |

Initial Performance (IEC Compliant)

| | |
|-------------------------|--------|
| Luminous flux tolerance | +/-10% |
|-------------------------|--------|

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|-----------------------------|---------------------------------|
| Initial chromaticity | (X=, 0.3839 ; Y=, 0.3843) 5SDCM |
| Power consumption tolerance | +/-10% |

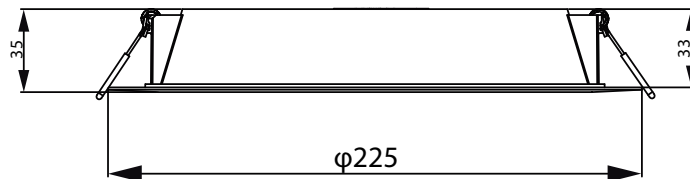
Over Time Performance (IEC Compliant)

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|-------------------------------|----------------|
| Driver failure rate at 5000 h | 1.2 |
| Median useful life L70B50 | 20,000 hour(s) |

Product Data

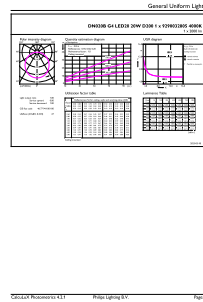
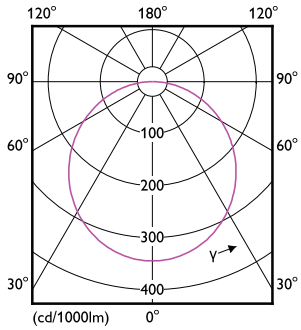
| | |
|---------------------------------|--------------------------------------|
| Order product name | DN020B G4 LED20/NW 20W 220-240V D200 |
| Full product name | DN020B G4 LED20/NW 20W 220-240V D200 |
| Full product code | 871869978003600 |
| Order code | 929003280517 |
| Material Nr. (12NC) | 929003280517 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718699780036 |
| Numerator - Packs per outer box | 30 |
| EAN/UPC - Case | 8718699780043 |

Dimensional drawing



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Photometric data



Light Distribution Diagram - DN020B G4 LED20/NW 20W 220-240V D200

General uniform lighting - DN020B G4 LED20/NW 20W 220-240V D200

