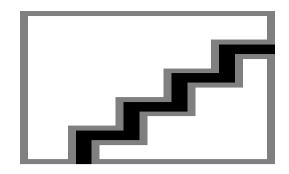
PHILIPS Lighting



Essential SmartBright LED Downlight

DN020B G3 LED6/NW 7W 220-240V D125 GM

Essential SmartBright G2 LED Downlight is value for money product with high efficacy, good quality and reliability. It offers multiple configurations from 300lm to 2000lm output, to replace conventional downlight. It can be used for shopping mall, retail store, residential and office. It's an ideal product family to distribute in trade market.

Product data

| General information | |
|-----------------------------|--------------------|
| Light source color | 840 neutral white |
| Light source replaceable | No |
| Luminaire light beam spread | 110° |
| Connection | Flying leads/wires |
| Protection class IEC | Safety class II |
| | |
| Operating and electrical | |
| Input Voltage | 220 to 240 V |
| Input Frequency | 50 or 60 Hz |
| Power Factor (Min) | 0.5 |
| | |
| Controls and dimming | |
| Dimmable | No |
| | |
| Mechanical and housing | |
| Housing Material | Plastic |
| Reflector material | Polycarbonate |
| Optic material | Polycarbonate |
| Fixation material | Stainless steel |

| Optical cover/lens finish | Frosted |
|-------------------------------------|--------------------------|
| Overall length | 140 mm |
| Overall width | 140 mm |
| Overall height | 38 mm |
| Overall diameter | 140 mm |
| Color | White |
| Dimensions (Height x Width x Depth) | 38 x 140 x 140 mm |
| | |
| Approval and application | |
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK03 [0.3 J] |
| | |
| Initial performance (IEC compliant) | |
| Initial luminous flux (system flux) | 600 lm |
| Initial LED luminaire efficacy | 85.00 lm/W |
| Init. Corr. Color Temperature | 4000 K |
| Init. Color Rendering Index | 80 |
| Initial chromaticity | (0.3818, 0.3797) 6 |
| Initial input power | 7 W |
| | |

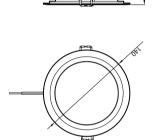
Essential SmartBright LED Downlight

| Power consumption tolerance | +/-10% | |
|---------------------------------------|-----------------|--|
| | | |
| Over time performance (IEC compliant) | | |
| Driver failure rate at 5000 h | 1.6 % | |
| Median useful life L70B50 | 20000 h | |
| | | |
| Application conditions | | |
| Ambient temperature range | -20 to +40 °C | |
| | | |
| Product data | | |
| Full product code | 871869977915300 | |

| Order product name | DN020B G3 LED6/NW 7W 220-240V D125 GM |
|---------------------------------|---------------------------------------|
| EAN/UPC - Product | 8718699779153 |
| Order code | 929002509208 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 30 |
| Material Nr. (12NC) | 929002509208 |
| Net Weight (Piece) | 0.100 kg |
| | |

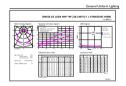


Dimensional drawing

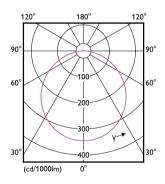


DN020B G3 LED6/NW 7W 220-240V D125 GM

Photometric data



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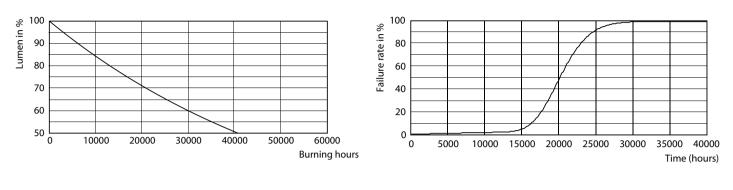


Downlight DN020 G3 NW 7W D125 GM

Downlight DN020 G3 NW 7W D125 GM

Essential SmartBright LED Downlight

Lifetime



L70B50 20K-LMP

L70B50 20K-LED



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www.lighting.philips.com 2022, August 4 - data subject to change