



Essential SmartBright LED Downlight

DN020B G3 LED20/CW 23W 220-240V D200 GM

Essential SmartBright LED Downlight, 23 W, 2000 lm, 6500 K, White

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.

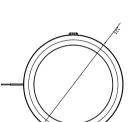
Product data

| eneral Information | | Power Consumption | 23 W |
|-----------------------------------|-------------------|---------------------------|--------------------|
| ght source replaceable | No | Power Factor (Fraction) | 0.5 |
| ighting Technology | LED | Connection | Flying leads/wires |
| ght Technical | | Temperature | |
| uminous Flux | 2,000 lm | Ambient temperature range | -20 to +40 °C |
| Correlated Color Temperature (Nor | n) 6500 K | | |
| uminous Efficacy (rated) (Nom) | 86.00 lm/W | Controls and Dimming | |
| Color rendering index (CRI) | 80 | Dimmable | No |
| ght source color | 865 cool daylight | | |
| ıminaire light beam spread | 110° | Mechanical and Housing | |
| | | Housing Material | Plastic |
| Operating and Electrical | | Reflector material | Polycarbonate |
| nput Voltage | 220 to 240 V | Optic material | Polycarbonate |
| ne Frequency | 50 or 60 Hz | Fixation material | Stainless steel |
| put Frequency | 50 or 60 Hz | Housing Color | White |

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| Optical cover finish | Frosted | Over Time Performance (IEC C | Compliant) |
|-------------------------------------------------------|-------------------------|---------------------------------|-----------------------------------------|
| Overall length | 105 mm | Driver failure rate at 5000 h | 1.6 % |
| Overall width | 105 mm | Median useful life L70B50 | 20,000 hour(s) |
| Overall height | 38 mm | | |
| Overall diameter | 225 mm | Product Data | |
| Dimensions (Height x Width x Depth) 38 x 105 x 105 mm | | Order product name | DN020B G3 LED20/CW 23W 220-240V D200 GM |
| | | Full product name | DN020B G3 LED20/CW 23W 220-240V D200 GM |
| pproval and Application | | Full product code | 871869977947400 |
| ngress protection code | IP20 [Finger-protected] | Order code | 929002510808 |
| lech. impact protection code | IK03 [0.3 J] | Material Nr. (12NC) | 929002510808 |
| rotection class IEC | Safety class II | Numerator - Quantity Per Pack | 1 |
| | | EAN/UPC - Product/Case | 8718699779474 |
| nitial Performance (IEC Com | pliant) | Numerator - Packs per outer box | 30 |
| nitial chromaticity | (0.3123, 0.3283) 6 | EAN/UPC - Case | 8718699779481 |
| Power consumption tolerance | +/-10% | | |

Dimensional drawing



Photometric data

| | DNE20 G3 LED38 CW 23V | V 220-24EV 1 x 9290825198 4590K 1 x 2001 m |
|-----------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------|
| February Agen | Quantite estimation diagram | USLagen |
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Philips Lighting R.V.

General uniform lighting - DN020B G3 LED20/CW 23W 220-240V D200 GM

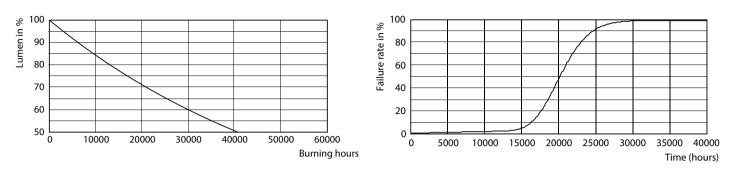
120° 180° 120° 90[°] 90° 100-60 60° 200 γ-* 30 30° 400-(cd/1000lm) 0°

Light Distribution Diagram - DN020B G3 LED20/CW 23W 220-240V D200 GM

Datasheet, 2024, March 11

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Lifetime



Lumen Maintenance Diagram - DN020B G3 LED20/CW 23W 220-240V D200 GM Life Expectancy Diagram - DN020B G3 LED20/CW 23W 220-240V D200 GM



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