

Essential SmartBright LED Downlight

DN020B G3 LED15/WW 18W 220-240V D175 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 | | Optical cover/lens finish | |
|-----------------------------|----------------------|-------------------------------------|--------------------------|
| Lamp colour code | 830 warm white | Optical cover/lens finish | Frosted |
| Light source replaceable | No | Overall length | 225 mm |
| Luminaire light beam spread | 110° | Overall width | 225 mm |
| Connection | Flying leads/wires | Overall height | 38 mm |
| Protection class IEC | Safety class II (II) | Overall diameter | 190 mm |
| | | Colour | White |
| | | Dimensions (height x width x depth) | 38 x 225 x 225 mm |
| Operating and electrical | | Approval and application | |
| Input Voltage | 220 to 240 V | Ingress protection code | IP20 [Finger-protected] |
| Input frequency | 50 or 60 Hz | Mech. impact protection code | IK03 [0.3 J] |
| Power factor (min.) | 0.5 | | |
| Controls and dimming | | Initial performance (IEC compliant) | |
| Dimmable | No | Initial luminous flux (system flux) | 1450 lm |
| | | Initial LED luminaire efficacy | 80.00 lm/W |
| Mechanical and housing | | Lamp colour temperature | 3000 K |
| Housing material | Plastic | Colour Rendering Index | 80 |
| Reflector material | Polycarbonate | Initial chromaticity | (0.4339, 0.4033) 6 |
| Optic material | Polycarbonate | Initial input power | 18 W |
| Fixation material | Stainless steel | | |

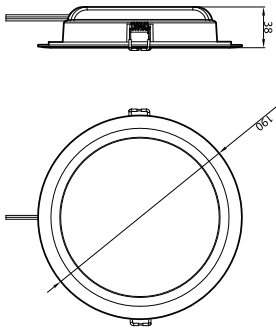
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| | |
|--|-----------------|
| Power consumption tolerance | +/-10% |
| Over time performance (IEC compliant) | |
| Driver failure rate at 5,000 hours | 1.6 % |
| Median useful life L70B50 | 20000 h |
| Application conditions | |
| Ambient temperature range | -20 to +40 °C |
| Product data | |
| Full product code | 871869977937500 |

| | |
|-----------------------------------|---|
| Order product name | DN020B G3 LED15/WW 18W 220-240V D175 GM |
| EAN/UPC – product | 8718699779375 |
| Order code | 929002510308 |
| SAP numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 30 |
| SAP material | 929002510308 |
| Net Weight (Piece) | 0.180 kg |

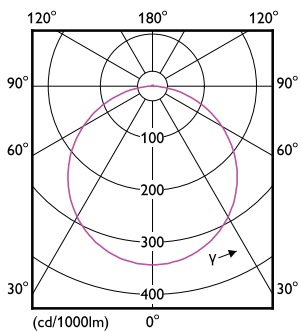


Dimensional drawing

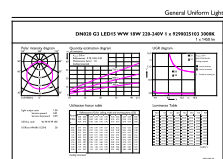


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Photometric data



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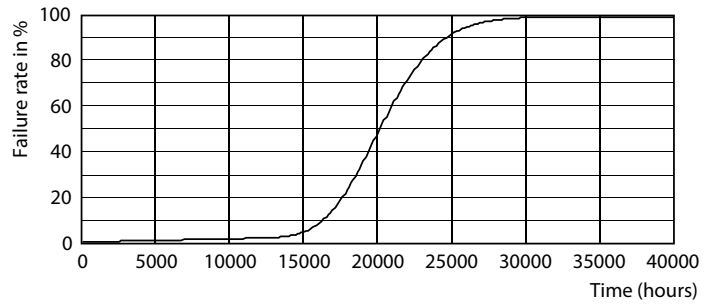
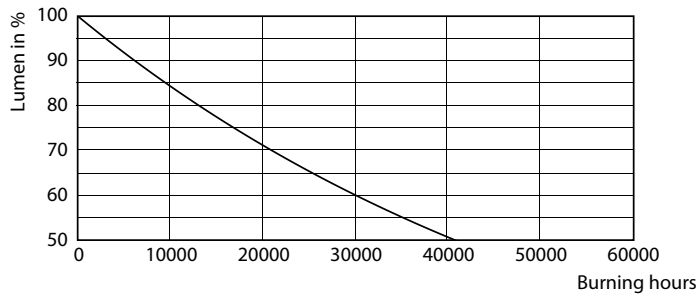


General Uniform Lighting
DN020 G3 LED15 WW 18W 220-240V + F0902101 1000K
IK03
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Lifetime



L70B50 20K-LMP

L70B50 20K-LED

