



Less Hassle, More Savings

Essential SmartBright LED Downlight

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.

Benefits

- Reliability and safety: meets national and international regulation
- Energy saving: High system efficacy with lower power consumption
- Diversity: One stop shopping with multiple choices of recess round, square as well as surface-mount to fit your dedicated applications
- Easy to install with slim design

Features

- Long life time: 20Khrs to 30Khrs(L70B50@25°C)
- System efficiency: up to 85lm/W
- One family offers recess round, square and surface mount options
- Slim design: 33mm housing body height

Application

- Retail
- Office
- Residential

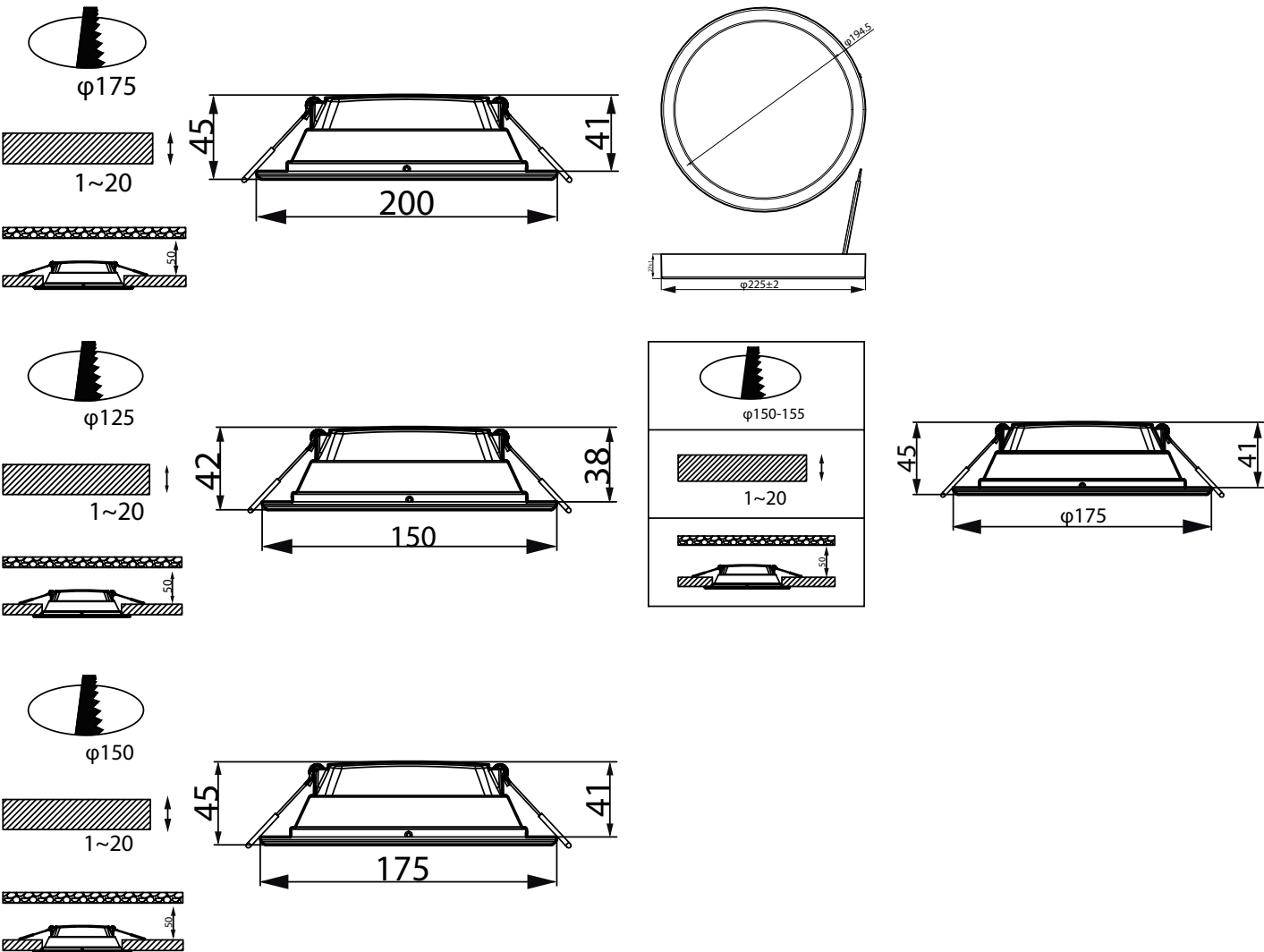
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Versions



Downlight DN027C G3 RD

Dimensional drawing



Essential SmartBright LED Downlight

| General Information | |
|---------------------------------------|---|
| Driver included | Yes |
| Flammability mark | For mounting on normally flammable surfaces |
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Light Technical | |
| Color rendering index (CRI) | 80 |
| Optic type | Beam angle 110° |
| Operating and Electrical | |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 or 60 Hz |
| Temperature | |
| Ambient temperature range | -20 to +40 °C |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Housing Color | White |
| Approval and Application | |
| Protection class IEC | Safety class II |
| Mech. impact protection code | IK03 |
| Ingress protection code | IP20/40 |
| Initial Performance (IEC Compliant) | |
| Luminous flux tolerance | +/-10% |
| Over Time Performance (IEC Compliant) | |
| Driver failure rate at 5000 h | 0.012 % |
| Application Conditions | |
| Suitable for random switching | No |

Light Technical

| | | Correlated Color | Luminous Efficacy | |
|--------------|---|-------------------|-------------------|---------------|
| Order Code | Full Product Name | Temperature (Nom) | (rated) (Nom) | Luminous Flux |
| 929002672802 | DN027B G3 LED9/NW 9W 220-240V D125 RU | 4000 K | 105.00 lm/W | 950 lm |
| 929002672938 | DN027B G3 LED9/CW 9W 220-240V D125 RD | 6500 K | 105.00 lm/W | 950 lm |
| 929002673438 | DN027B G3 LED12/NW 12W 220-240V D150 RD | 4000 K | 108.00 lm/W | 1300 lm |
| 929002673538 | DN027B G3 LED12/CW 12W 220-240V D150 RD | 6500 K | 108.00 lm/W | 1300 lm |
| 929002674038 | DN027B G3 LED15/NW 15W 220-240 D175 RD | 4000 K | 106.00 lm/W | 1600 lm |
| 929002674138 | DN027B G3 LED15/CW 15W 220-240 D175 RD | 6500 K | 106.00 lm/W | 1600 lm |
| 929002676838 | DN027C G3 LED20/CW 19W 220-240V D225 | 6500 K | 110.00 lm/W | 2100 lm |

Operating and Electrical

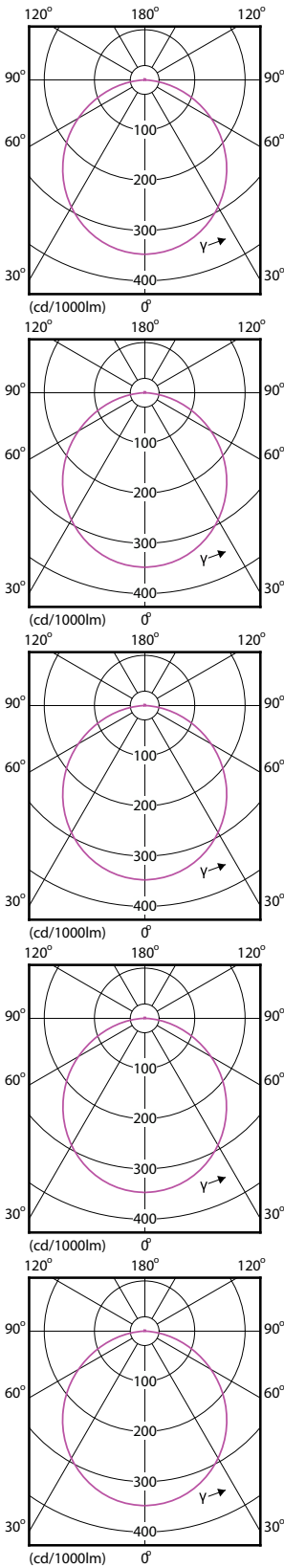
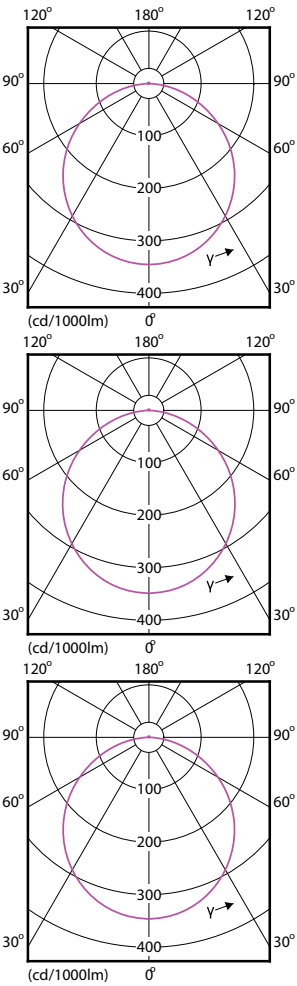
| Order Code | Full Product Name | Power Consumption |
|--------------|---|-------------------|
| 929002672802 | DN027B G3 LED9/NW 9W 220-240V D125 RU | 9 W |
| 929002672938 | DN027B G3 LED9/CW 9W 220-240V D125 RD | 9 W |
| 929002673438 | DN027B G3 LED12/NW 12W 220-240V D150 RD | 12 W |
| 929002673538 | DN027B G3 LED12/CW 12W 220-240V D150 RD | 12 W |

| Order Code | Full Product Name | Power Consumption |
|--------------|--|-------------------|
| 929002674038 | DN027B G3 LED15/NW 15W 220-240 D175 RD | 15 W |
| 929002674138 | DN027B G3 LED15/CW 15W 220-240 D175 RD | 15 W |
| 929002676838 | DN027C G3 LED20/CW 19W 220-240V D225 | 19 W |

Initial Performance (IEC Compliant)

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| Order Code | Full Product Name | Initial chromaticity |
|--------------|--|-------------------------------------|
| 929002672802 | DNO27B G3 LED9/NW 9W 220-240V D125 RU | (IEC4000K, 0.38, 0.38) < 5SDCM |
| 929002672938 | DNO27B G3 LED9/CW 9W 220-240V D125 RD | (IEC6500K, 0.313, 0.337) < 5SDCM |
| 929002673438 | DNO27B G3 LED12/NW 12W 220-240V D150 RD | (IEC4000K, 0.38, 0.38) < 5SDCM |
| 929002673538 | DNO27B G3 LED12/CW 12W 220-240V D150 RD | (IEC6500K, 0.313, 0.337) < 5SDCM |
| 929002674038 | DNO27B G3 LED15/NW 15W 220-240 D175 RD | (IEC4000K, 0.38, 0.38) < 5SDCM |
| 929002674138 | DNO27B G3 LED15/CW 15W 220-240 D175 RD | (IEC6500K, 0.313, 0.337) < 5SDCM |
| 929002676838 | DNO27C G3 LED20/CW 19W 220-240V D225 | (IEC6500K, 0.313, 0.337) < 5SDCM |



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