



# 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

# Essential SmartBright LED Downlight

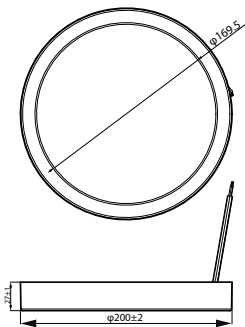
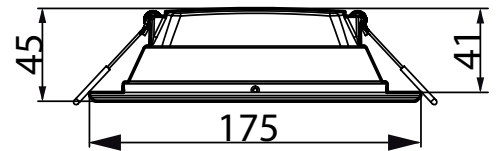
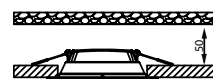
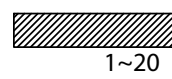
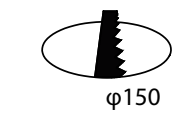
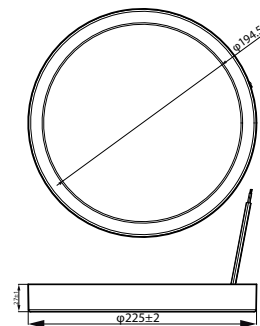
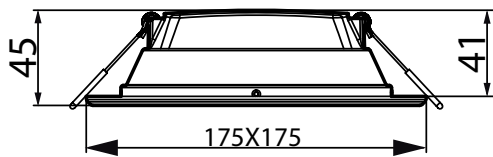
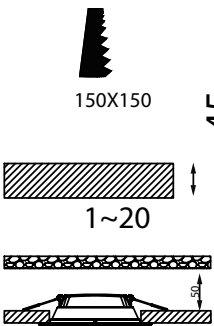
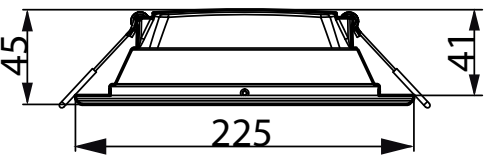
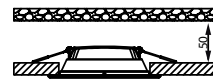
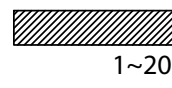
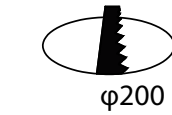
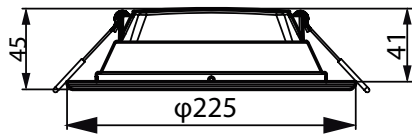
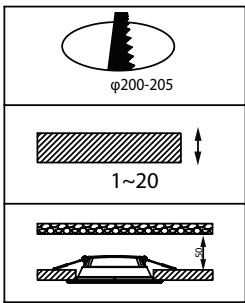
## Versions



Downlight DN027B G3 SQ

Downlight DN027B G3 RD

## Dimensional drawing



# Essential SmartBright LED Downlight

## General Information

Driver included	Yes
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

Protection class IEC	Safety class II
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Suitable for random switching	No

## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Housing Color	White
Mech. impact protection code	IK03
Ingress protection code	IP20/40

## Approval and Application

Ambient temperature range	-20 to +40 °C
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s

## Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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## Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.012 %
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## Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
929002675638	DNO27B G3 LED12/CW 12W 220-240V L150 SQ	6500 K	108.00 lm/W	1,300 lm
929002673538	DNO27B G3 LED12/CW 12W 220-240V D150 RD	6500 K	108.00 lm/W	1,300 lm
929002674538	DNO27B G3 LED20/WW 19W 220-240V D200 RD	3000 K	105.00 lm/W	2,000 lm
929002674738	DNO27B G3 LED20/CW 19W 220-240V D200 RD	6500 K	110.00 lm/W	2,100 lm
929002676338	DNO27C G3 LED15/WW 15W 220-240V D200	3000 K	100.00 lm/W	1,500 lm
929002676538	DNO27C G3 LED15/CW 15W 220-240V D200	6500 K	106.00 lm/W	1,600 lm
929002676638	DNO27C G3 LED20/WW 19W 220-240V D225	3000 K	105.00 lm/W	2,000 lm
929002676838	DNO27C G3 LED20/CW 19W 220-240V D225	6500 K	110.00 lm/W	2,100 lm

## Operating and Electrical

Order Code	Full Product Name	Power Consumption
929002675638	DNO27B G3 LED12/CW 12W 220-240V L150 SQ	12 W
929002673538	DNO27B G3 LED12/CW 12W 220-240V D150 RD	12 W
929002674538	DNO27B G3 LED20/WW 19W 220-240V D200 RD	19 W
929002674738	DNO27B G3 LED20/CW 19W 220-240V D200 RD	19 W

Order Code	Full Product Name	Power Consumption
929002676338	DNO27C G3 LED15/WW 15W 220-240V D200	15 W
929002676538	DNO27C G3 LED15/CW 15W 220-240V D200	15 W
929002676638	DNO27C G3 LED20/WW 19W 220-240V D225	19 W
929002676838	DNO27C G3 LED20/CW 19W 220-240V D225	19 W

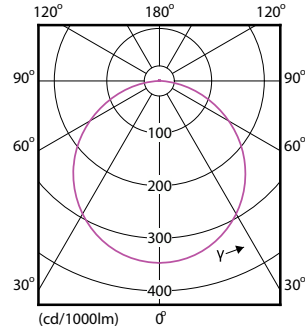
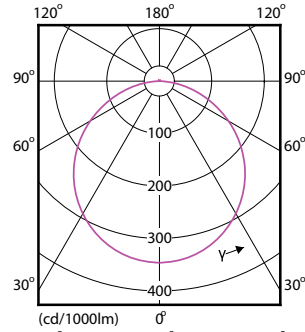
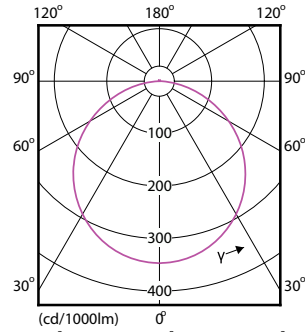
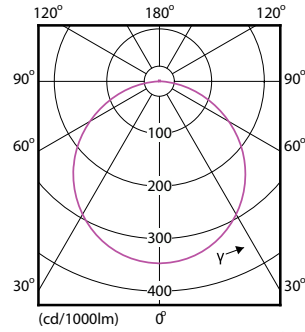
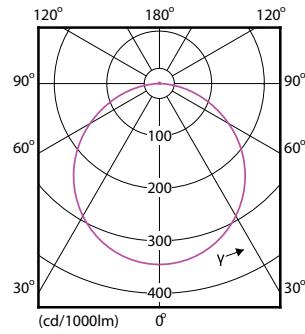
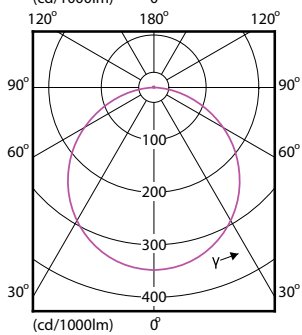
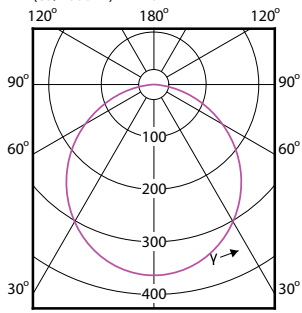
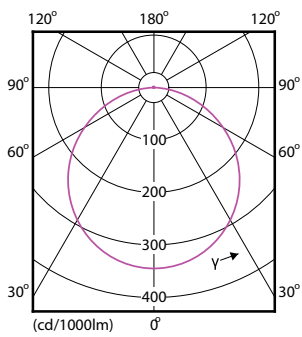
## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
929002675638	DNO27B G3 LED12/CW 12W 220-240V L150 SQ	(IEC6500K, 0.313, 0.337) < 5SDCM

Order Code	Full Product Name	Initial chromaticity
929002673538	DNO27B G3 LED12/CW 12W 220-240V D150 RD	(IEC6500K, 0.313, 0.337) < 5SDCM

# Essential SmartBright LED Downlight

Order Code	Full Product Name	Initial chromaticity
929002674538	DN027B G3 LED20/WW 19W 220-240V D200 RD	(IEC3000K, 0.44, 0.403) < 5SDCM
929002674738	DN027B G3 LED20/CW 19W 220-240V D200 RD	(IEC6500K, 0.313, 0.337) < 5SDCM
929002676338	DN027C G3 LED15/WW 15W 220-240V D200	(IEC3000K, 0.44, 0.403) < 5SDCM
929002676538	DN027C G3 LED15/CW 15W 220-240V D200	(IEC6500K, 0.313, 0.337) < 5SDCM
929002676638	DN027C G3 LED20/WW 19W 220-240V D225	(IEC3000K, 0.44, 0.403) < 5SDCM
929002676838	DN027C G3 LED20/CW 19W 220-240V D225	(IEC6500K, 0.313, 0.337) < 5SDCM



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