



# 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

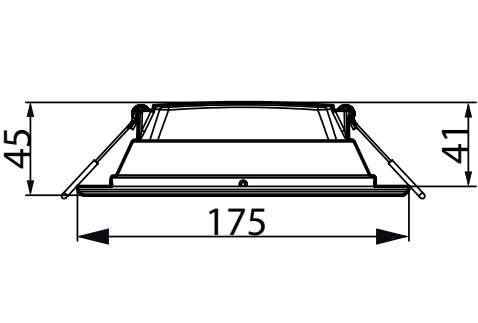
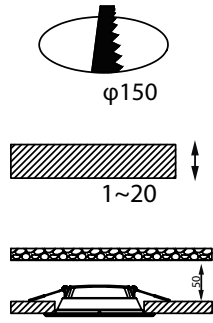
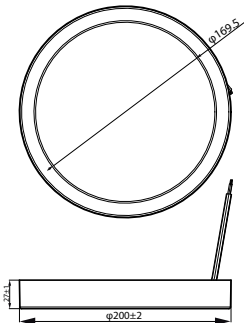
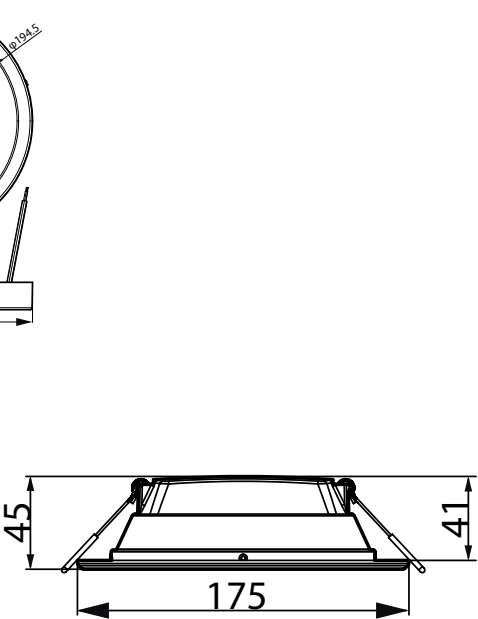
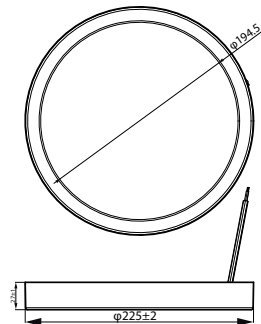
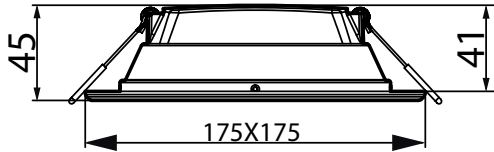
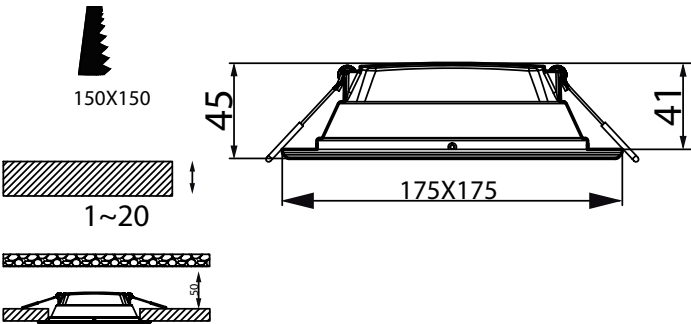
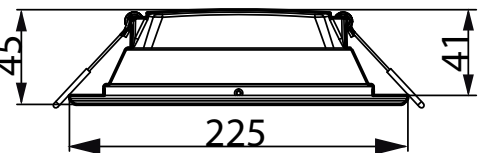
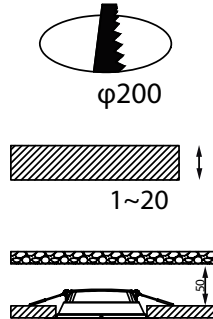
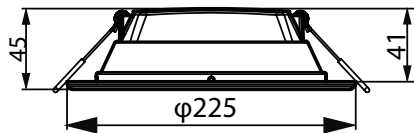
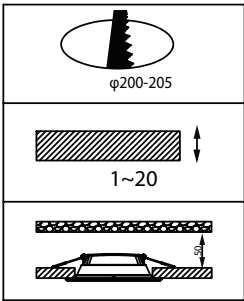


Downlight DN027B G3 SQ

Downlight DN027B G3 RD

Downlight DN027C 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
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%
Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	0.012 %

Light Technical

Order Code	Full Product Name	Correlated Color	Luminous Efficacy	Luminous Flux
		Temperature (Nom)	(rated) (Nom)	
929002675638	DN027B G3 LED12/CW 12W 220-240V L150 SQ	6500 K	108.00 lm/W	1,300 lm
929002673538	DN027B G3 LED12/CW 12W 220-240V D150 RD	6500 K	108.00 lm/W	1,300 lm
929002674538	DN027B G3 LED20/WW 19W 220-240V D200 RD	3000 K	105.00 lm/W	2,000 lm
929002674738	DN027B G3 LED20/CW 19W 220-240V D200 RD	6500 K	110.00 lm/W	2,100 lm
929002676338	DN027C G3 LED15/WW 15W 220-240V D200	3000 K	100.00 lm/W	1,500 lm
929002676538	DN027C G3 LED15/CW 15W 220-240V D200	6500 K	106.00 lm/W	1,600 lm
929002676638	DN027C G3 LED20/WW 19W 220-240V D225	3000 K	105.00 lm/W	2,000 lm
929002676838	DN027C G3 LED20/CW 19W 220-240V D225	6500 K	110.00 lm/W	2,100 lm

Operating and Electrical

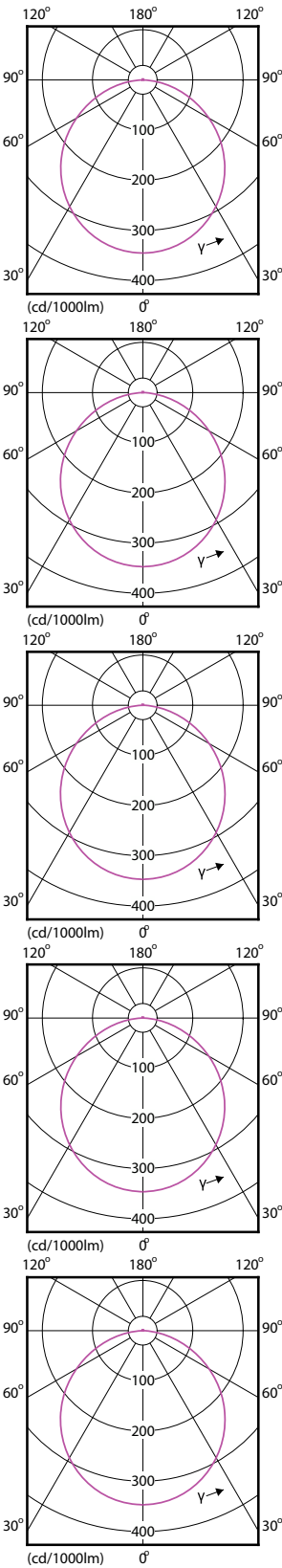
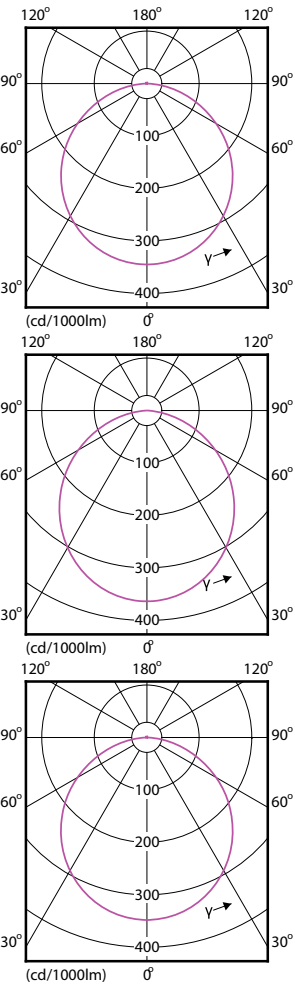
Order Code	Full Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
929002675638	DN027B G3 LED12/CW 12W 220-240V L150 SQ	12 W	929002676338	DN027C G3 LED15/WW 15W 220-240V D200	15 W
929002673538	DN027B G3 LED12/CW 12W 220-240V D150 RD	12 W	929002676538	DN027C G3 LED15/CW 15W 220-240V D200	15 W
929002674538	DN027B G3 LED20/WW 19W 220-240V D200 RD	19 W	929002676638	DN027C G3 LED20/WW 19W 220-240V D225	19 W
929002674738	DN027B G3 LED20/CW 19W 220-240V D200 RD	19 W	929002676838	DN027C G3 LED20/CW 19W 220-240V D225	19 W

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Order Code	Full Product Name	Initial chromaticity
929002675638	DN027B G3 LED12/CW 12W 220-240V L150 SQ	(IEC6500K, 0.313, 0.337) < 5SDCM	929002673538	DN027B G3 LED12/CW 12W 220-240V D150 RD	(IEC6500K, 0.313, 0.337) < 5SDCM

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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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