PHILIPS

Lighting

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

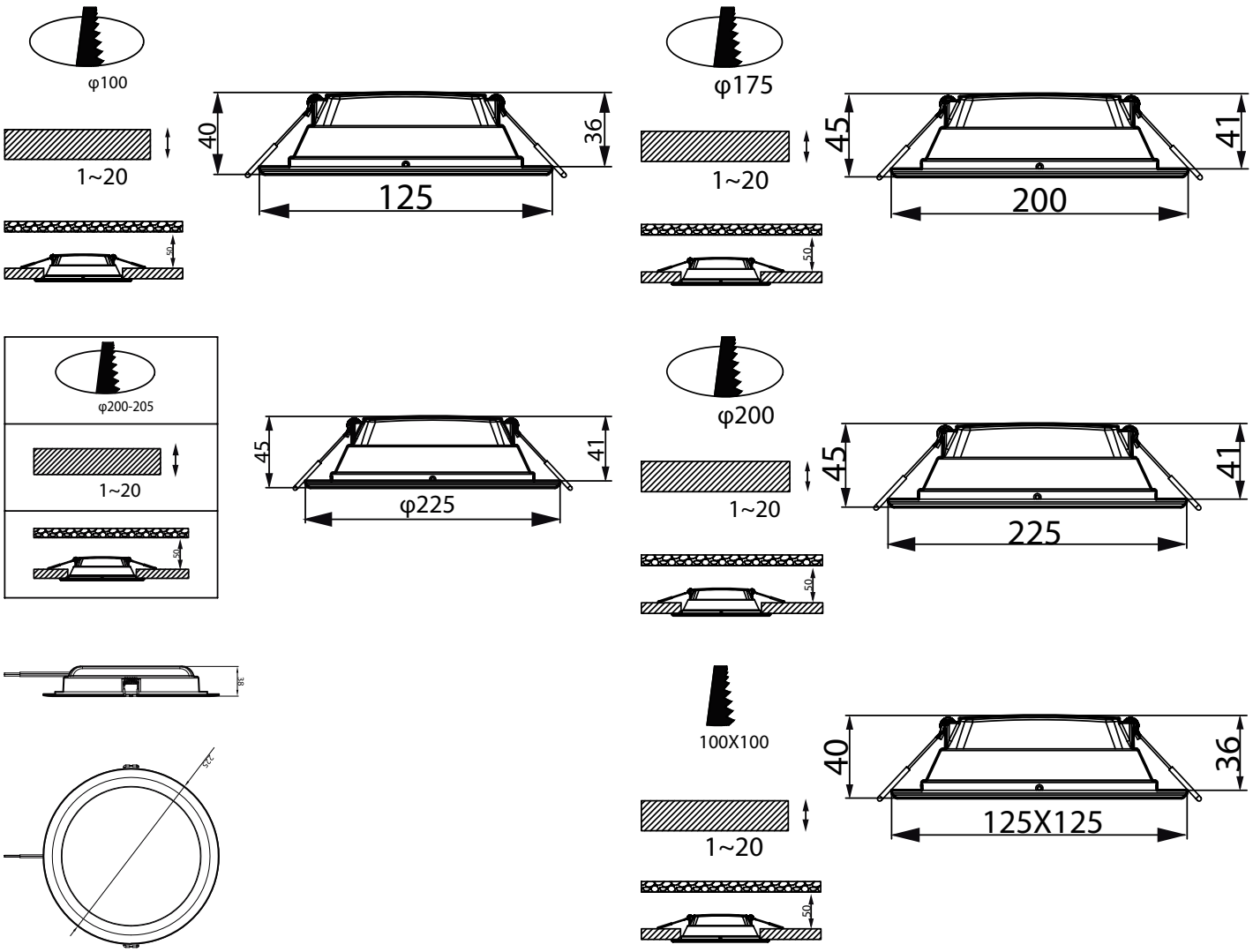
Essential SmartBright LED Downlight

Versions

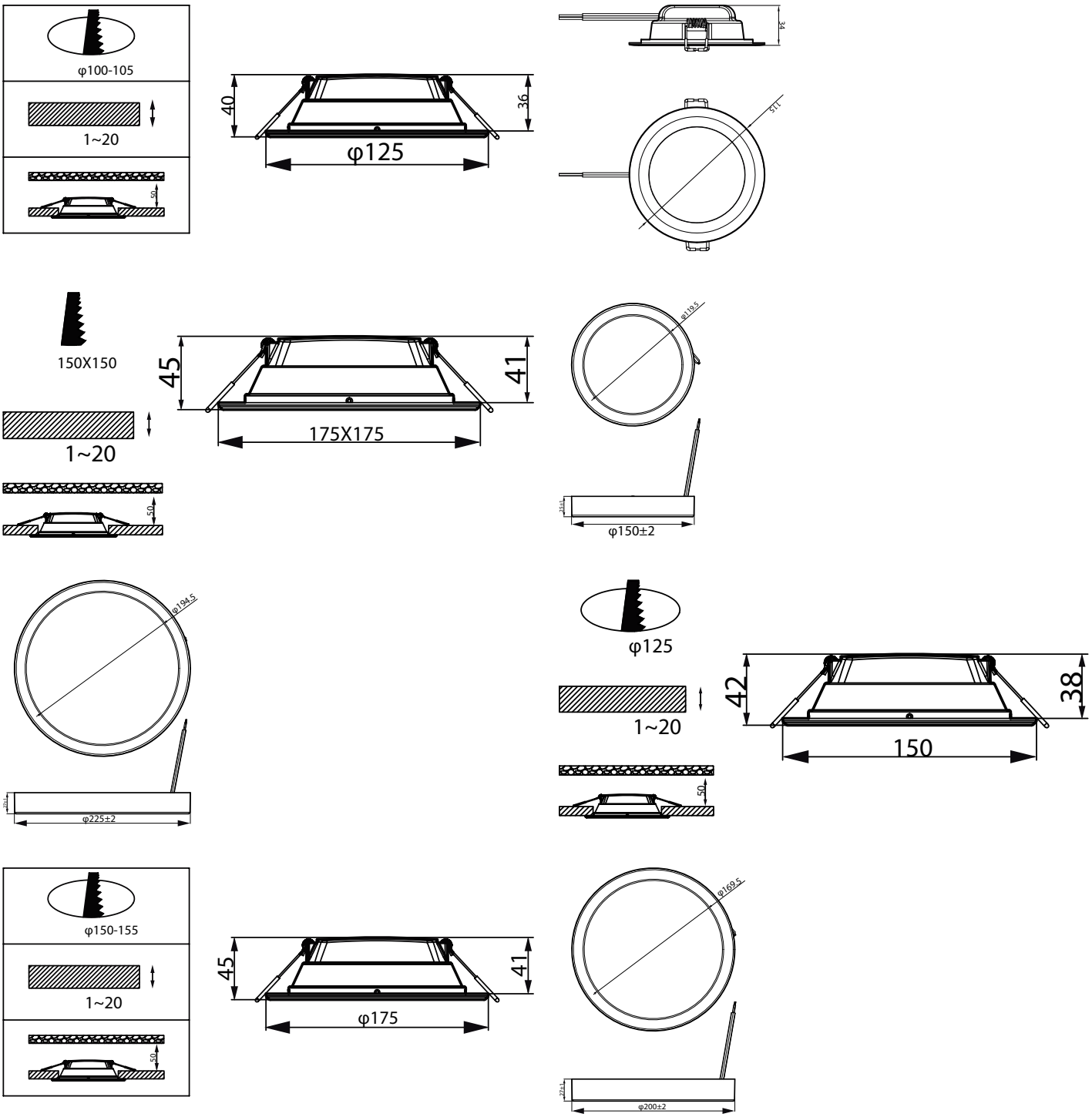
Downlight DN020B G3

Downlight DN027B G3 SQ

Dimensional drawing

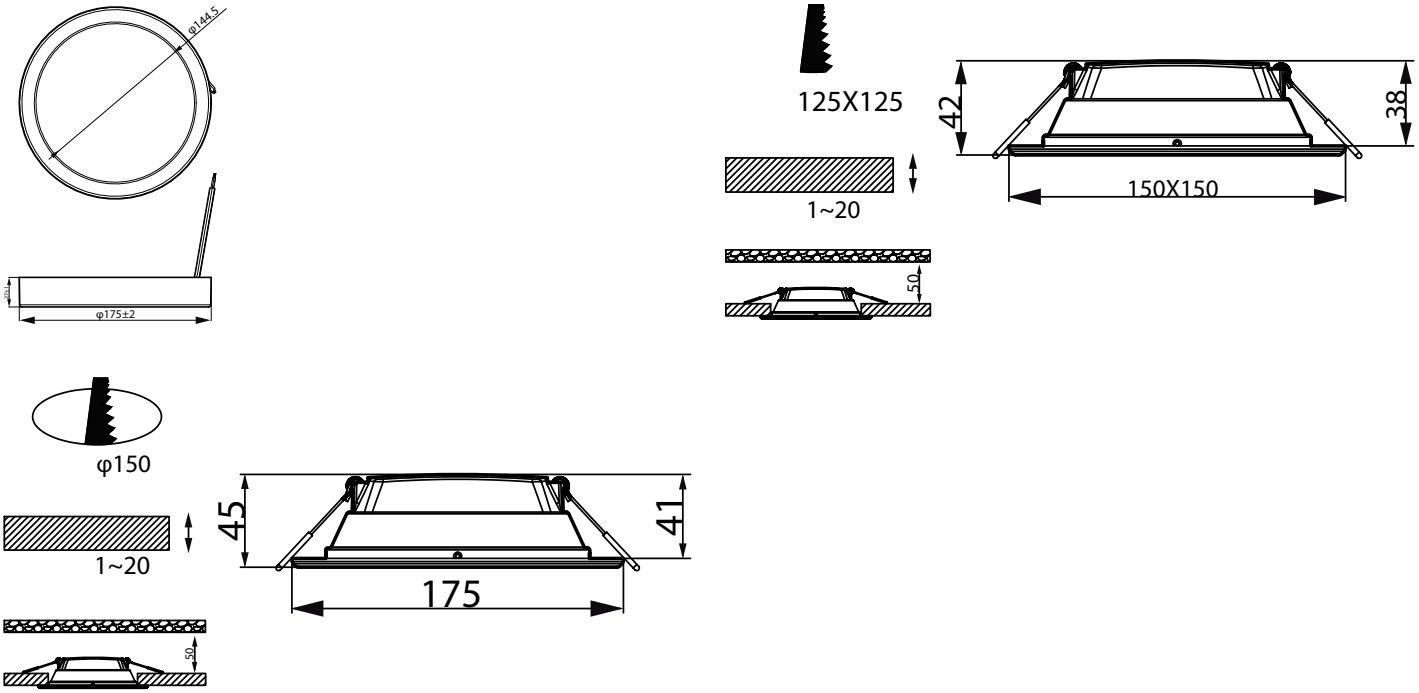


Dimensional drawing



Essential SmartBright LED Downlight

Dimensional drawing



General Information	
Light source replaceable	No
Light Technical	
Color rendering index (CRI)	80
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

General Information

Order Code	Full Product Name	Driver included	Flammability mark	Glow-wire test	Number of gear units
929002508908	DN020B G3 LED6/NW 7W 220-240V D100 GM	-	-	-	-
929002509008	DN020B G3 LED6/CW 7W 220-240V D100 GM	-	-	-	-
929002510808	DN020B G3 LED20/CW 23W 220-240V D200 GM	-	-	-	-
929002674838	DN027B G3 LED6/WW 6W 220-240V L100 SQ	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002674938	DN027B G3 LED6/NW 6W 220-240V L100 SQ	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002675038	DN027B G3 LED6/CW 6W 220-240V L100 SQ	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002675138	DN027B G3 LED9/WW 9W 220-240V L125 SQ	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002675238	DN027B G3 LED9/NW 9W 220-240V L125 SQ	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit

Order Code	Full Product Name	Driver included	Flammability mark	Glow-wire test	Number of gear units
929002675338	DN027B G3 LED9/CW 9W 220-240V L125 SQ	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002675438	DN027B G3 LED12/WW 12W 220-240V L150 SQ	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002675538	DN027B G3 LED12/NW 12W 220-240V L150 SQ	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002675638	DN027B G3 LED12/CW 12W 220-240V L150 SQ	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002672138	DN027B G3 LED6/WW 6W 220-240V D100 RD	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002672238	DN027B G3 LED6/NW 6W 220-240V D100 RD	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002672338	DN027B G3 LED6/CW 6W 220-240V D100 RD	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002672738	DN027B G3 LED9/WW 9W 220-240V D125 RD	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002672838	DN027B G3 LED9/NW 9W 220-240V D125 RD	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002672938	DN027B G3 LED9/CW 9W 220-240V D125 RD	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002673338	DN027B G3 LED12/WW 12W 220-240V D150 RD	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002673438	DN027B G3 LED12/NW 12W 220-240V D150 RD	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002673538	DN027B G3 LED12/CW 12W 220-240V D150 RD	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002673638	DN027B G3 LED12/WW 12W 220-240V D175 RD	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002673738	DN027B G3 LED12/NW 12W 220-240V D175 RD	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002673838	DN027B G3 LED12/CW 12W 220-240V D175 RD	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002673938	DN027B G3 LED15/WW 15W 220-240 D175 RD	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit

Order Code	Full Product Name	Driver included	Flammability mark	Glow-wire test	Number of gear units
929002674038	DN027B G3 LED15/NW 15W 220-240 D175 RD	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002674138	DN027B G3 LED15/CW 15W 220-240 D175 RD	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002674538	DN027B G3 LED20/WW 19W 220-240V D200 RD	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002674638	DN027B G3 LED20/NW 19W 220-240V D200 RD	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002674738	DN027B G3 LED20/CW 19W 220-240V D200 RD	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002675738	DN027C G3 LED9/WW 9W 220-240V D150	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002675838	DN027C G3 LED9/NW 9W 220-240V D150	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002675938	DN027C G3 LED9/CW 9W 220-240V D150	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002676038	DN027C G3 LED12/WW 12W 220-240V D175	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002676138	DN027C G3 LED12/NW 12W 220-240V D175	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002676238	DN027C G3 LED12/CW 12W 220-240V D175	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002676338	DN027C G3 LED15/WW 15W 220-240V D200	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002676438	DN027C G3 LED15/NW 15W 220-240V D200	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002676538	DN027C G3 LED15/CW 15W 220-240V D200	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002676638	DN027C G3 LED20/WW 19W 220-240V D225	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002676738	DN027C G3 LED20/NW 19W 220-240V D225	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit
929002676838	DN027C G3 LED20/CW 19W 220-240V D225	Yes	For mounting on normally flammable surfaces	Temperature 650 °C, duration 30 s	1 unit

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
929002508908	DN020B G3 LED6/NW 7W 220-240V D100 GM	4000 K	85.00 lm/W	600 lm	-
929002509008	DN020B G3 LED6/CW 7W 220-240V D100 GM	6500 K	85.00 lm/W	600 lm	-
929002510808	DN020B G3 LED20/CW 23W 220-240V D200 GM	6500 K	86.00 lm/W	2,000 lm	-
929002674838	DN027B G3 LED6/WW 6W 220-240V L100 SQ	3000 K	100.00 lm/W	600 lm	Beam angle 110°
929002674938	DN027B G3 LED6/NW 6W 220-240V L100 SQ	4000 K	100.00 lm/W	600 lm	Beam angle 110°
929002675038	DN027B G3 LED6/CW 6W 220-240V L100 SQ	6500 K	100.00 lm/W	600 lm	Beam angle 110°
929002675138	DN027B G3 LED9/WW 9W 220-240V L125 SQ	3000 K	100.00 lm/W	900 lm	Beam angle 110°
929002675238	DN027B G3 LED9/NW 9W 220-240V L125 SQ	4000 K	105.00 lm/W	950 lm	Beam angle 110°
929002675338	DN027B G3 LED9/CW 9W 220-240V L125 SQ	6500 K	105.00 lm/W	950 lm	Beam angle 110°
929002675438	DN027B G3 LED12/WW 12W 220-240V L150 SQ	3000 K	100.00 lm/W	1,200 lm	Beam angle 110°
929002675538	DN027B G3 LED12/NW 12W 220-240V L150 SQ	4000 K	108.00 lm/W	1,300 lm	Beam angle 110°
929002675638	DN027B G3 LED12/CW 12W 220-240V L150 SQ	6500 K	108.00 lm/W	1,300 lm	Beam angle 110°
929002672138	DN027B G3 LED6/WW 6W 220-240V D100 RD	3000 K	100.00 lm/W	600 lm	Beam angle 110°
929002672238	DN027B G3 LED6/NW 6W 220-240V D100 RD	4000 K	100.00 lm/W	600 lm	Beam angle 110°
929002672338	DN027B G3 LED6/CW 6W 220-240V D100 RD	6500 K	100.00 lm/W	600 lm	Beam angle 110°
929002672738	DN027B G3 LED9/WW 9W 220-240V D125 RD	3000 K	100.00 lm/W	900 lm	Beam angle 110°
929002672838	DN027B G3 LED9/NW 9W 220-240V D125 RD	4000 K	105.00 lm/W	950 lm	Beam angle 110°
929002672938	DN027B G3 LED9/CW 9W 220-240V D125 RD	6500 K	105.00 lm/W	950 lm	Beam angle 110°
929002673338	DN027B G3 LED12/WW 12W 220-240V D150 RD	3000 K	100.00 lm/W	1,200 lm	Beam angle 110°
929002673438	DN027B G3 LED12/NW 12W 220-240V D150 RD	4000 K	108.00 lm/W	1,300 lm	Beam angle 110°
929002673538	DN027B G3 LED12/CW 12W 220-240V D150 RD	6500 K	108.00 lm/W	1,300 lm	Beam angle 110°
929002673638	DN027B G3 LED12/WW 12W 220-240V D175 RD	3000 K	100.00 lm/W	1,200 lm	Beam angle 110°
929002673738	DN027B G3 LED12/NW 12W 220-240V D175 RD	4000 K	108.00 lm/W	1,300 lm	Beam angle 110°
929002673838	DN027B G3 LED12/CW 12W 220-240V D175 RD	6500 K	108.00 lm/W	1,300 lm	Beam angle 110°

Essential SmartBright LED Downlight

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
929002673938	DN027B G3 LED15/WW 15W 220-240 D175 RD	3000 K	100.00 lm/W	1,500 lm	Beam angle 110°
929002674038	DN027B G3 LED15/NW 15W 220-240 D175 RD	4000 K	106.00 lm/W	1,600 lm	Beam angle 110°
929002674138	DN027B G3 LED15/CW 15W 220-240 D175 RD	6500 K	106.00 lm/W	1,600 lm	Beam angle 110°
929002674538	DN027B G3 LED20/WW 19W 220-240V D200 RD	3000 K	105.00 lm/W	2,000 lm	Beam angle 110°
929002674638	DN027B G3 LED20/NW 19W 220-240V D200 RD	4000 K	110.00 lm/W	2,100 lm	Beam angle 110°
929002674738	DN027B G3 LED20/CW 19W 220-240V D200 RD	6500 K	110.00 lm/W	2,100 lm	Beam angle 110°
929002675738	DN027C G3 LED9/WW 9W 220-240V D150	3000 K	100.00 lm/W	900 lm	Beam angle 110°
929002675838	DN027C G3 LED9/NW 9W 220-240V D150	4000 K	105.00 lm/W	950 lm	Beam angle 110°
929002675938	DN027C G3 LED9/CW 9W 220-240V D150	6500 K	105.00 lm/W	950 lm	Beam angle 110°
929002676038	DN027C G3 LED12/WW 12W 220-240V D175	3000 K	100.00 lm/W	1,200 lm	Beam angle 110°
929002676138	DN027C G3 LED12/NW 12W 220-240V D175	4000 K	108.00 lm/W	1,300 lm	Beam angle 110°
929002676238	DN027C G3 LED12/CW 12W 220-240V D175	6500 K	108.00 lm/W	1,300 lm	Beam angle 110°
929002676338	DN027C G3 LED15/WW 15W 220-240V D200	3000 K	100.00 lm/W	1,500 lm	Beam angle 110°
929002676438	DN027C G3 LED15/NW 15W 220-240V D200	4000 K	106.00 lm/W	1,600 lm	Beam angle 110°
929002676538	DN027C G3 LED15/CW 15W 220-240V D200	6500 K	106.00 lm/W	1,600 lm	Beam angle 110°
929002676638	DN027C G3 LED20/WW 19W 220-240V D225	3000 K	105.00 lm/W	2,000 lm	Beam angle 110°
929002676738	DN027C G3 LED20/NW 19W 220-240V D225	4000 K	110.00 lm/W	2,100 lm	Beam angle 110°
929002676838	DN027C G3 LED20/CW 19W 220-240V D225	6500 K	110.00 lm/W	2,100 lm	Beam angle 110°

Operating and Electrical

Order Code	Full Product Name	Power Consumption
929002508908	DN020B G3 LED6/NW 7W 220-240V D100 GM	7 W
929002509008	DN020B G3 LED6/CW 7W 220-240V D100 GM	7 W
929002510808	DN020B G3 LED20/CW 23W 220-240V D200 GM	23 W
929002674838	DN027B G3 LED6/WW 6W 220-240V L100 SQ	6 W
929002674938	DN027B G3 LED6/NW 6W 220-240V L100 SQ	6 W
929002675038	DN027B G3 LED6/CW 6W 220-240V L100 SQ	6 W
929002675138	DN027B G3 LED9/WW 9W 220-240V L125 SQ	9 W
929002675238	DN027B G3 LED9/NW 9W 220-240V L125 SQ	9 W
929002675338	DN027B G3 LED9/CW 9W 220-240V L125 SQ	9 W
929002675438	DN027B G3 LED12/WW 12W 220-240V L150 SQ	12 W
929002675538	DN027B G3 LED12/NW 12W 220-240V L150 SQ	12 W
929002675638	DN027B G3 LED12/CW 12W 220-240V L150 SQ	12 W
929002672138	DN027B G3 LED6/WW 6W 220-240V D100 RD	6 W
929002672238	DN027B G3 LED6/NW 6W 220-240V D100 RD	6 W
929002672338	DN027B G3 LED6/CW 6W 220-240V D100 RD	6 W
929002672738	DN027B G3 LED9/WW 9W 220-240V D125 RD	9 W
929002672838	DN027B G3 LED9/NW 9W 220-240V D125 RD	9 W
929002672938	DN027B G3 LED9/CW 9W 220-240V D125 RD	9 W
929002673338	DN027B G3 LED12/WW 12W 220-240V D150 RD	12 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
929002673638	DN027B G3 LED12/WW 12W 220-240V D175 RD	12 W
929002673738	DN027B G3 LED12/NW 12W 220-240V D175 RD	12 W
929002673838	DN027B G3 LED12/CW 12W 220-240V D175 RD	12 W
929002673938	DN027B G3 LED15/WW 15W 220-240 D175 RD	15 W
929002674038	DN027B G3 LED15/NW 15W 220-240 D175 RD	15 W
929002674138	DN027B G3 LED15/CW 15W 220-240 D175 RD	15 W
929002674538	DN027B G3 LED20/WW 19W 220-240V D200 RD	19 W

Essential SmartBright LED Downlight

Order Code	Full Product Name	Power Consumption
929002674638	DN027B G3 LED20/NW 19W 220-240V D200 RD	19 W
929002674738	DN027B G3 LED20/CW 19W 220-240V D200 RD	19 W
929002675738	DN027C G3 LED9/WW 9W 220-240V D150	9 W
929002675838	DN027C G3 LED9/NW 9W 220-240V D150	9 W
929002675938	DN027C G3 LED9/CW 9W 220-240V D150	9 W
929002676038	DN027C G3 LED12/WW 12W 220-240V D175	12 W
929002676138	DN027C G3 LED12/NW 12W 220-240V D175	12 W

Order Code	Full Product Name	Power Consumption
929002676238	DN027C G3 LED12/CW 12W 220-240V D175	12 W
929002676338	DN027C G3 LED15/WW 15W 220-240V D200	15 W
929002676438	DN027C G3 LED15/NW 15W 220-240V D200	15 W
929002676538	DN027C G3 LED15/CW 15W 220-240V D200	15 W
929002676638	DN027C G3 LED20/WW 19W 220-240V D225	19 W
929002676738	DN027C G3 LED20/NW 19W 220-240V D225	19 W
929002676838	DN027C G3 LED20/CW 19W 220-240V D225	19 W

Approval and Application

Order Code	Full Product Name	Ingress protection code
929002508908	DN020B G3 LED6/NW 7W 220-240V D100 GM	IP20
929002509008	DN020B G3 LED6/CW 7W 220-240V D100 GM	IP20
929002510808	DN020B G3 LED20/CW 23W 220-240V D200 GM	IP20
929002674838	DN027B G3 LED6/WW 6W 220-240V L100 SQ	IP20/40
929002674938	DN027B G3 LED6/NW 6W 220-240V L100 SQ	IP20/40
929002675038	DN027B G3 LED6/CW 6W 220-240V L100 SQ	IP20/40
929002675138	DN027B G3 LED9/WW 9W 220-240V L125 SQ	IP20/40
929002675238	DN027B G3 LED9/NW 9W 220-240V L125 SQ	IP20/40
929002675338	DN027B G3 LED9/CW 9W 220-240V L125 SQ	IP20/40
929002675438	DN027B G3 LED12/WW 12W 220-240V L150 SQ	IP20/40
929002675538	DN027B G3 LED12/NW 12W 220-240V L150 SQ	IP20/40
929002675638	DN027B G3 LED12/CW 12W 220-240V L150 SQ	IP20/40
929002672138	DN027B G3 LED6/WW 6W 220-240V D100 RD	IP20/40
929002672238	DN027B G3 LED6/NW 6W 220-240V D100 RD	IP20/40
929002672338	DN027B G3 LED6/CW 6W 220-240V D100 RD	IP20/40
929002672738	DN027B G3 LED9/WW 9W 220-240V D125 RD	IP20/40
929002672838	DN027B G3 LED9/NW 9W 220-240V D125 RD	IP20/40
929002672938	DN027B G3 LED9/CW 9W 220-240V D125 RD	IP20/40
929002673338	DN027B G3 LED12/WW 12W 220-240V D150 RD	IP20/40
929002673438	DN027B G3 LED12/NW 12W 220-240V D150 RD	IP20/40
929002673538	DN027B G3 LED12/CW 12W 220-240V D150 RD	IP20/40

Order Code	Full Product Name	Ingress protection code
929002673638	DN027B G3 LED12/WW 12W 220-240V D175 RD	IP20/40
929002673738	DN027B G3 LED12/NW 12W 220-240V D175 RD	IP20/40
929002673838	DN027B G3 LED12/CW 12W 220-240V D175 RD	IP20/40
929002673938	DN027B G3 LED15/WW 15W 220-240 D175 RD	IP20/40
929002674038	DN027B G3 LED15/NW 15W 220-240 D175 RD	IP20/40
929002674138	DN027B G3 LED15/CW 15W 220-240 D175 RD	IP20/40
929002674538	DN027B G3 LED20/WW 19W 220-240V D200 RD	IP20/40
929002674638	DN027B G3 LED20/NW 19W 220-240V D200 RD	IP20/40
929002674738	DN027B G3 LED20/CW 19W 220-240V D200 RD	IP20/40
929002675738	DN027C G3 LED9/WW 9W 220-240V D150	IP20/40
929002675838	DN027C G3 LED9/NW 9W 220-240V D150	IP20/40
929002675938	DN027C G3 LED9/CW 9W 220-240V D150	IP20/40
929002676038	DN027C G3 LED12/WW 12W 220-240V D175	IP20/40
929002676138	DN027C G3 LED12/NW 12W 220-240V D175	IP20/40
929002676238	DN027C G3 LED12/CW 12W 220-240V D175	IP20/40
929002676338	DN027C G3 LED15/WW 15W 220-240V D200	IP20/40
929002676438	DN027C G3 LED15/NW 15W 220-240V D200	IP20/40
929002676538	DN027C G3 LED15/CW 15W 220-240V D200	IP20/40
929002676638	DN027C G3 LED20/WW 19W 220-240V D225	IP20/40
929002676738	DN027C G3 LED20/NW 19W 220-240V D225	IP20/40
929002676838	DN027C G3 LED20/CW 19W 220-240V D225	IP20/40

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Luminous flux tolerance
929002508908	DN020B G3 LED6/NW 7W 220-240V D100 GM	(0.3818, 0.3797) 6	-
929002509008	DN020B G3 LED6/CW 7W 220-240V D100 GM	(0.3123, 0.3283) 6	-
929002510808	DN020B G3 LED20/CW 23W 220-240V D200 GM	(0.3123, 0.3283) 6	-
929002674838	DN027B G3 LED6/WW 6W 220-240V L100 SQ	(IEC3000K, 0.44, 0.403) < 5SDCM	+/-10%
929002674938	DN027B G3 LED6/NW 6W 220-240V L100 SQ	(IEC4000K, 0.38, 0.38) < 5SDCM	+/-10%

Order Code	Full Product Name	Initial chromaticity	Luminous flux tolerance
929002675038	DN027B G3 LED6/CW 6W 220-240V L100 SQ	(IEC6500K, 0.313, 0.337) < 5SDCM	+/-10%
929002675138	DN027B G3 LED9/WW 9W 220-240V L125 SQ	(IEC3000K, 0.44, 0.403) < 5SDCM	+/-10%
929002675238	DN027B G3 LED9/NW 9W 220-240V L125 SQ	(IEC4000K, 0.38, 0.38) < 5SDCM	+/-10%
929002675338	DN027B G3 LED9/CW 9W 220-240V L125 SQ	(IEC6500K, 0.313, 0.337) < 5SDCM	+/-10%
929002675438	DN027B G3 LED12/WW 12W 220-240V L150 SQ	(IEC3000K, 0.44, 0.403) < 5SDCM	+/-10%

Essential SmartBright LED Downlight

Order Code	Full Product Name	Initial chromaticity	Luminous flux tolerance
929002675538	DN027B G3 LED12/NW 12W 220-240V L150 SQ	(IEC4000K, 0.38, 0.38) < 5SDCM	+/-10%
929002675638	DN027B G3 LED12/CW 12W 220-240V L150 SQ	(IEC6500K, 0.313, 0.337) < 5SDCM	+/-10%
929002672138	DN027B G3 LED6/WW 6W 220-240V D100 RD	(IEC3000K, 0.44, 0.403) < 5SDCM	+/-10%
929002672238	DN027B G3 LED6/NW 6W 220-240V D100 RD	(IEC4000K, 0.38, 0.38) < 5SDCM	+/-10%
929002672338	DN027B G3 LED6/CW 6W 220-240V D100 RD	(IEC6500K, 0.313, 0.337) < 5SDCM	+/-10%
929002672738	DN027B G3 LED9/WW 9W 220-240V D125 RD	(IEC3000K, 0.44, 0.403) < 5SDCM	+/-10%
929002672838	DN027B G3 LED9/NW 9W 220-240V D125 RD	(IEC4000K, 0.38, 0.38) < 5SDCM	+/-10%
929002672938	DN027B G3 LED9/CW 9W 220-240V D125 RD	(IEC6500K, 0.313, 0.337) < 5SDCM	+/-10%
929002673338	DN027B G3 LED12/WW 12W 220-240V D150 RD	(IEC3000K, 0.44, 0.403) < 5SDCM	+/-10%
929002673438	DN027B G3 LED12/NW 12W 220-240V D150 RD	(IEC4000K, 0.38, 0.38) < 5SDCM	+/-10%
929002673538	DN027B G3 LED12/CW 12W 220-240V D150 RD	(IEC6500K, 0.313, 0.337) < 5SDCM	+/-10%
929002673638	DN027B G3 LED12/WW 12W 220-240V D175 RD	(IEC3000K, 0.44, 0.403) < 5SDCM	+/-10%
929002673738	DN027B G3 LED12/NW 12W 220-240V D175 RD	(IEC4000K, 0.38, 0.38) < 5SDCM	+/-10%
929002673838	DN027B G3 LED12/CW 12W 220-240V D175 RD	(IEC6500K, 0.313, 0.337) < 5SDCM	+/-10%
929002673938	DN027B G3 LED15/WW 15W 220-240 D175 RD	(IEC3000K, 0.44, 0.403) < 5SDCM	+/-10%
929002674038	DN027B G3 LED15/NW 15W 220-240 D175 RD	(IEC4000K, 0.38, 0.38) < 5SDCM	+/-10%

Order Code	Full Product Name	Initial chromaticity	Luminous flux tolerance
929002674138	DN027B G3 LED15/CW 15W 220-240 D175 RD	(IEC6500K, 0.313, 0.337) < 5SDCM	+/-10%
929002674538	DN027B G3 LED20/WW 19W 220-240V D200 RD	(IEC3000K, 0.44, 0.403) < 5SDCM	+/-10%
929002674638	DN027B G3 LED20/NW 19W 220-240V D200 RD	(IEC4000K, 0.38, 0.38) < 5SDCM	+/-10%
929002674738	DN027B G3 LED20/CW 19W 220-240V D200 RD	(IEC6500K, 0.313, 0.337) < 5SDCM	+/-10%
929002675738	DN027C G3 LED9/WW 9W 220-240V D150	(IEC3000K, 0.44, 0.403) < 5SDCM	+/-10%
929002675838	DN027C G3 LED9/NW 9W 220-240V D150	(IEC4000K, 0.38, 0.38) < 5SDCM	+/-10%
929002675938	DN027C G3 LED9/CW 9W 220-240V D150	(IEC6500K, 0.313, 0.337) < 5SDCM	+/-10%
929002676038	DN027C G3 LED12/WW 12W 220-240V D175	(IEC3000K, 0.44, 0.403) < 5SDCM	+/-10%
929002676138	DN027C G3 LED12/NW 12W 220-240V D175	(IEC4000K, 0.38, 0.38) < 5SDCM	+/-10%
929002676238	DN027C G3 LED12/CW 12W 220-240V D175	(IEC6500K, 0.313, 0.337) < 5SDCM	+/-10%
929002676338	DN027C G3 LED15/WW 15W 220-240V D200	(IEC3000K, 0.44, 0.403) < 5SDCM	+/-10%
929002676438	DN027C G3 LED15/NW 15W 220-240V D200	(IEC4000K, 0.38, 0.38) < 5SDCM	+/-10%
929002676538	DN027C G3 LED15/CW 15W 220-240V D200	(IEC6500K, 0.313, 0.337) < 5SDCM	+/-10%
929002676638	DN027C G3 LED20/WW 19W 220-240V D225	(IEC3000K, 0.44, 0.403) < 5SDCM	+/-10%
929002676738	DN027C G3 LED20/NW 19W 220-240V D225	(IEC4000K, 0.38, 0.38) < 5SDCM	+/-10%
929002676838	DN027C G3 LED20/CW 19W 220-240V D225	(IEC6500K, 0.313, 0.337) < 5SDCM	+/-10%

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Driver failure rate at 5000 h
929002508908	DN020B G3 LED6/NW 7W 220-240V D100 GM	1.6 %
929002509008	DN020B G3 LED6/CW 7W 220-240V D100 GM	1.6 %
929002510808	DN020B G3 LED20/CW 23W 220-240V D200 GM	1.6 %
929002674838	DN027B G3 LED6/WW 6W 220-240V L100 SQ	0.012 %
929002674938	DN027B G3 LED6/NW 6W 220-240V L100 SQ	0.012 %
929002675038	DN027B G3 LED6/CW 6W 220-240V L100 SQ	0.012 %
929002675138	DN027B G3 LED9/WW 9W 220-240V L125 SQ	0.012 %
929002675238	DN027B G3 LED9/NW 9W 220-240V L125 SQ	0.012 %
929002675338	DN027B G3 LED9/CW 9W 220-240V L125 SQ	0.012 %
929002675438	DN027B G3 LED12/WW 12W 220-240V L150 SQ	0.012 %
929002675538	DN027B G3 LED12/NW 12W 220-240V L150 SQ	0.012 %
929002675638	DN027B G3 LED12/CW 12W 220-240V L150 SQ	0.012 %
929002672138	DN027B G3 LED6/WW 6W 220-240V D100 RD	0.012 %

Order Code	Full Product Name	Driver failure rate at 5000 h
929002672238	DN027B G3 LED6/NW 6W 220-240V D100 RD	0.012 %
929002672338	DN027B G3 LED6/CW 6W 220-240V D100 RD	0.012 %
929002672738	DN027B G3 LED9/WW 9W 220-240V D125 RD	0.012 %
929002672838	DN027B G3 LED9/NW 9W 220-240V D125 RD	0.012 %
929002672938	DN027B G3 LED9/CW 9W 220-240V D125 RD	0.012 %
929002673338	DN027B G3 LED12/WW 12W 220-240V D150 RD	0.012 %
929002673438	DN027B G3 LED12/NW 12W 220-240V D150 RD	0.012 %
929002673538	DN027B G3 LED12/CW 12W 220-240V D150 RD	0.012 %
929002673638	DN027B G3 LED12/WW 12W 220-240V D175 RD	0.012 %
929002673738	DN027B G3 LED12/NW 12W 220-240V D175 RD	0.012 %
929002673838	DN027B G3 LED12/CW 12W 220-240V D175 RD	0.012 %
929002673938	DN027B G3 LED15/WW 15W 220-240 D175 RD	0.012 %
929002674038	DN027B G3 LED15/NW 15W 220-240 D175 RD	0.012 %

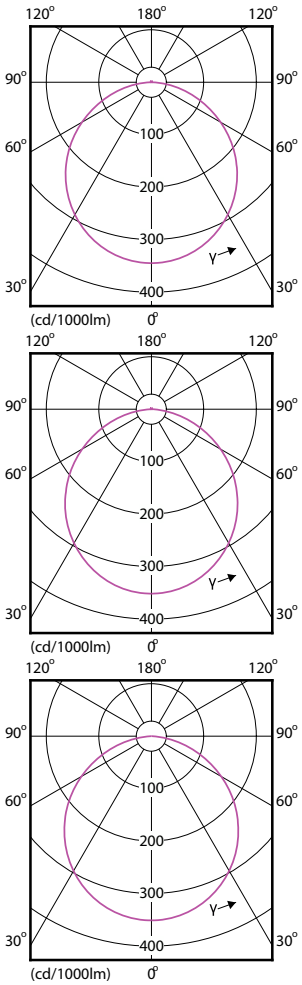
Order Code	Full Product Name	Driver failure rate at 5000 h
929002674138	DN027B G3 LED15/CW 15W 220-240 D175 RD	0.012 %
929002674538	DN027B G3 LED20/WW 19W 220-240V D200 RD	0.012 %
929002674638	DN027B G3 LED20/NW 19W 220-240V D200 RD	0.012 %
929002674738	DN027B G3 LED20/CW 19W 220-240V D200 RD	0.012 %
929002675738	DN027C G3 LED9/WW 9W 220-240V D150	0.012 %
929002675838	DN027C G3 LED9/NW 9W 220-240V D150	0.012 %
929002675938	DN027C G3 LED9/CW 9W 220-240V D150	0.012 %
929002676038	DN027C G3 LED12/WW 12W 220-240V D175	0.012 %

Order Code	Full Product Name	Driver failure rate at 5000 h
929002676138	DN027C G3 LED12/NW 12W 220-240V D175	0.012 %
929002676238	DN027C G3 LED12/CW 12W 220-240V D175	0.012 %
929002676338	DN027C G3 LED15/WW 15W 220-240V D200	0.012 %
929002676438	DN027C G3 LED15/NW 15W 220-240V D200	0.012 %
929002676538	DN027C G3 LED15/CW 15W 220-240V D200	0.012 %
929002676638	DN027C G3 LED20/WW 19W 220-240V D225	0.012 %
929002676738	DN027C G3 LED20/NW 19W 220-240V D225	0.012 %
929002676838	DN027C G3 LED20/CW 19W 220-240V D225	0.012 %

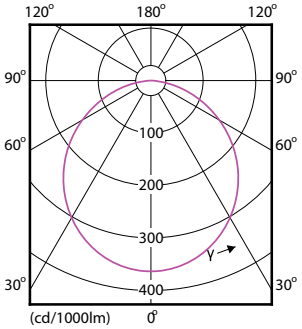
Application Conditions

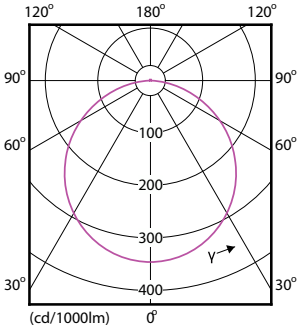
Order Code	Full Product Name	Suitable for random switching
929002508908	DN020B G3 LED6/NW 7W 220-240V D100 GM	-
929002509008	DN020B G3 LED6/CW 7W 220-240V D100 GM	-
929002510808	DN020B G3 LED20/CW 23W 220-240V D200 GM	-
929002674838	DN027B G3 LED6/WW 6W 220-240V L100 SQ	No
929002674938	DN027B G3 LED6/NW 6W 220-240V L100 SQ	No
929002675038	DN027B G3 LED6/CW 6W 220-240V L100 SQ	No
929002675138	DN027B G3 LED9/WW 9W 220-240V L125 SQ	No
929002675238	DN027B G3 LED9/NW 9W 220-240V L125 SQ	No
929002675338	DN027B G3 LED9/CW 9W 220-240V L125 SQ	No
929002675438	DN027B G3 LED12/WW 12W 220-240V L150 SQ	No
929002675538	DN027B G3 LED12/NW 12W 220-240V L150 SQ	No
929002675638	DN027B G3 LED12/CW 12W 220-240V L150 SQ	No
929002672138	DN027B G3 LED6/WW 6W 220-240V D100 RD	No
929002672238	DN027B G3 LED6/NW 6W 220-240V D100 RD	No
929002672338	DN027B G3 LED6/CW 6W 220-240V D100 RD	No
929002672738	DN027B G3 LED9/WW 9W 220-240V D125 RD	No
929002672838	DN027B G3 LED9/NW 9W 220-240V D125 RD	No
929002672938	DN027B G3 LED9/CW 9W 220-240V D125 RD	No
929002673338	DN027B G3 LED12/WW 12W 220-240V D150 RD	No
929002673438	DN027B G3 LED12/NW 12W 220-240V D150 RD	No
929002673538	DN027B G3 LED12/CW 12W 220-240V D150 RD	No
929002673638	DN027B G3 LED12/WW 12W 220-240V D175 RD	No
929002673738	DN027B G3 LED12/NW 12W 220-240V D175 RD	No
929002673838	DN027B G3 LED12/CW 12W 220-240V D175 RD	No
929002673938	DN027B G3 LED15/WW 15W 220-240 D175 RD	No
929002674038	DN027B G3 LED15/NW 15W 220-240 D175 RD	No
929002674138	DN027B G3 LED15/CW 15W 220-240 D175 RD	No
929002674538	DN027B G3 LED20/WW 19W 220-240V D200 RD	No
929002674638	DN027B G3 LED20/NW 19W 220-240V D200 RD	No
929002674738	DN027B G3 LED20/CW 19W 220-240V D200 RD	No
929002675738	DN027C G3 LED9/WW 9W 220-240V D150	No
929002675838	DN027C G3 LED9/NW 9W 220-240V D150	No
929002675938	DN027C G3 LED9/CW 9W 220-240V D150	No
929002676038	DN027C G3 LED12/WW 12W 220-240V D175	No
929002676138	DN027C G3 LED12/NW 12W 220-240V D175	No
929002676238	DN027C G3 LED12/CW 12W 220-240V D175	No
929002676338	DN027C G3 LED15/WW 15W 220-240V D200	No
929002676438	DN027C G3 LED15/NW 15W 220-240V D200	No

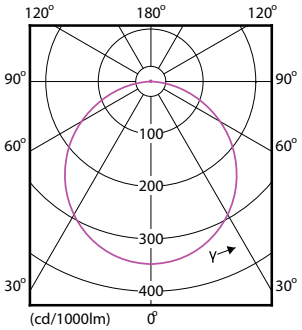
Order Code	Full Product Name	Suitable for random switching
929002676538	DN027C G3 LED15/CW 15W 220-240V D200	No
929002676638	DN027C G3 LED20/WW 19W 220-240V D225	No
929002676738	DN027C G3 LED20/NW 19W 220-240V D225	No
929002676838	DN027C G3 LED20/CW 19W 220-240V D225	No

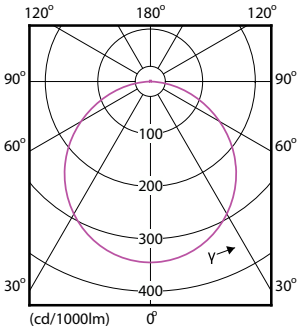


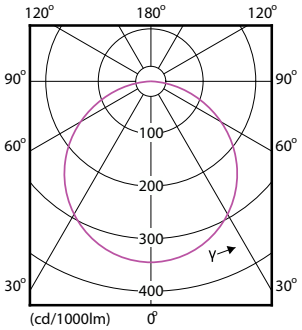
Essential SmartBright LED Downlight

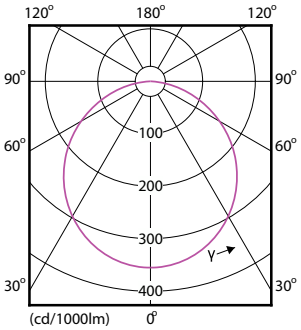


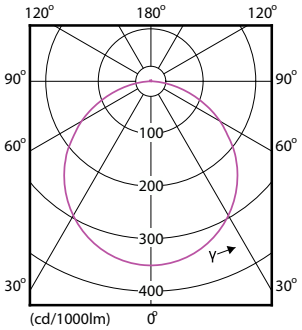


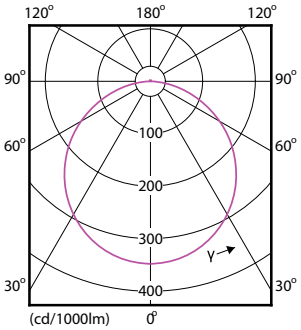


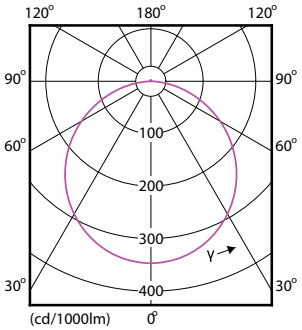


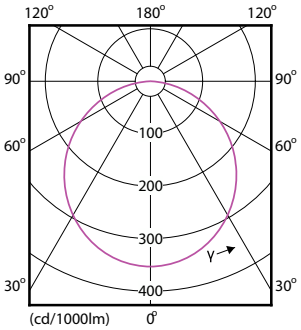




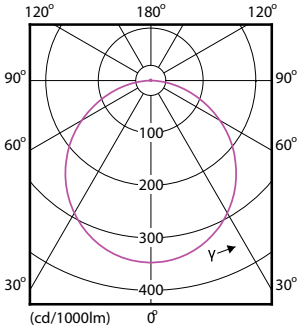


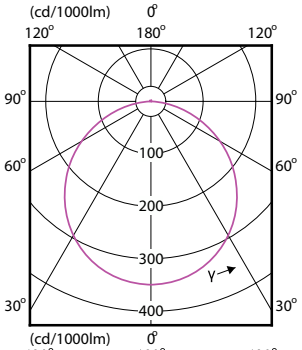


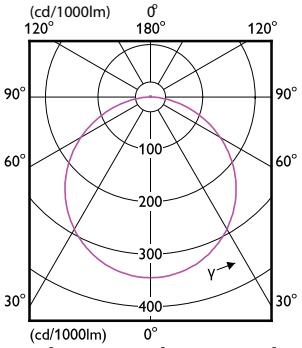


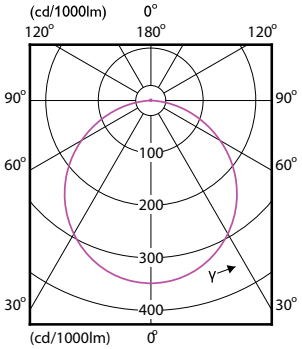


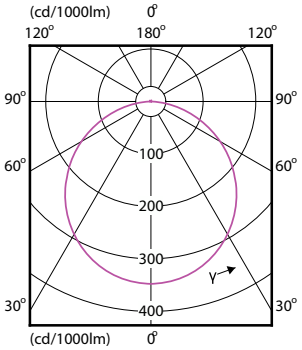
Essential SmartBright LED Downlight

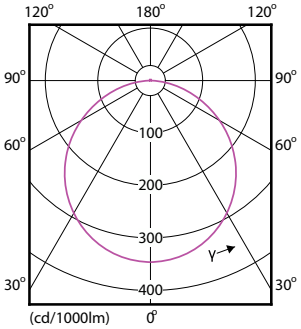


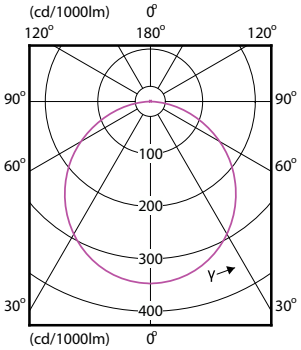


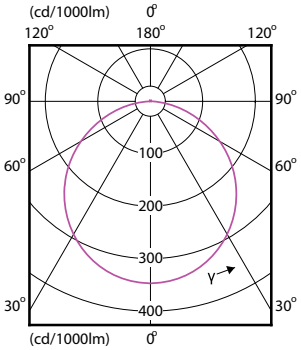


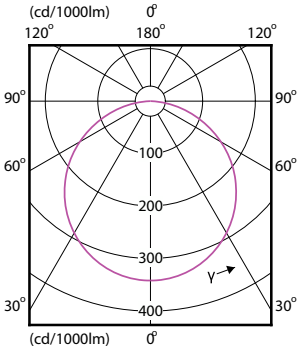


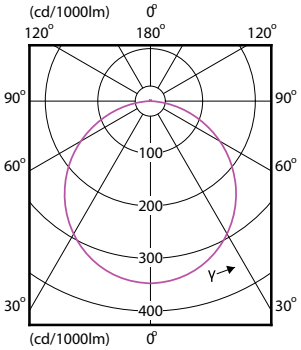




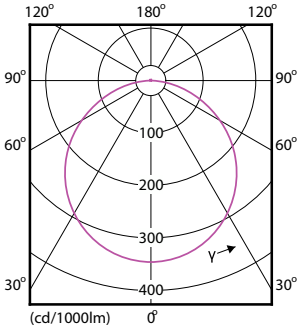


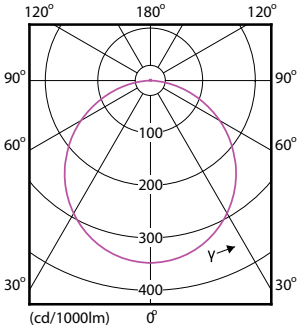


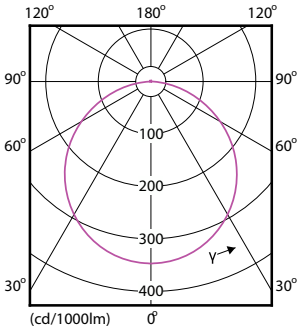


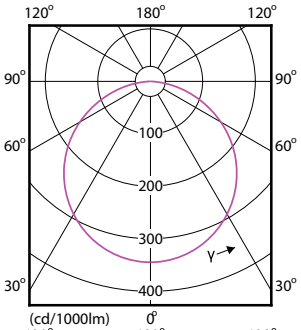


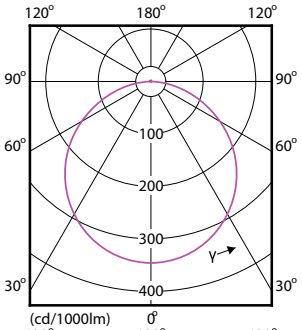
Essential SmartBright LED Downlight

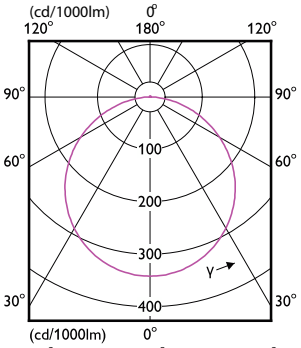


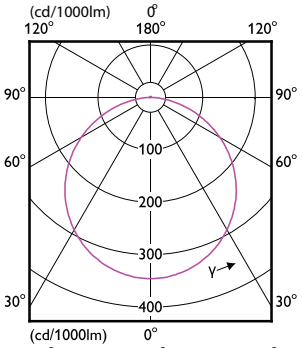


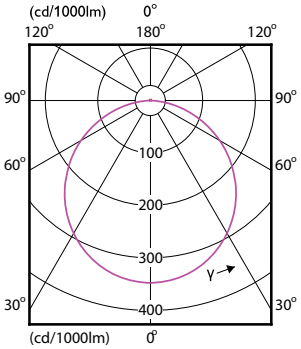


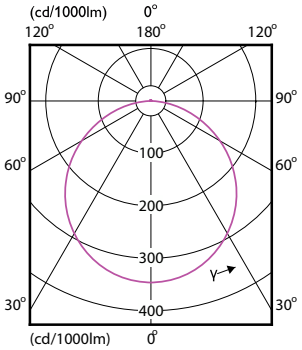


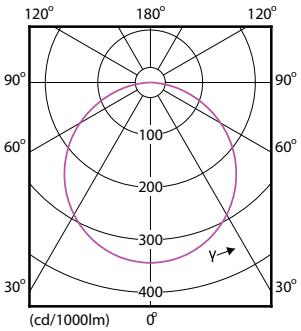












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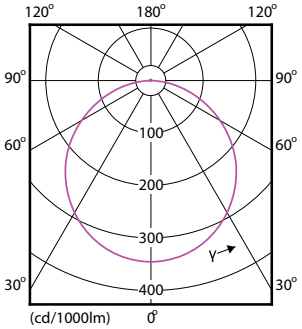

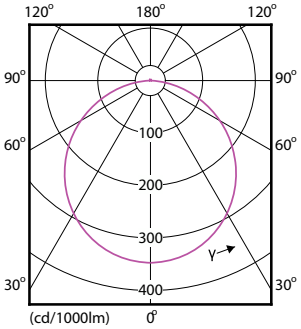

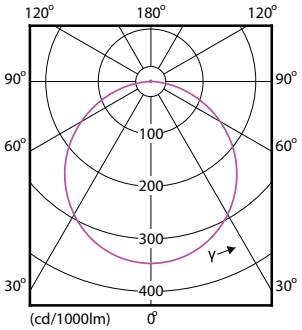

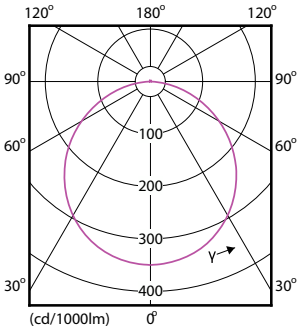

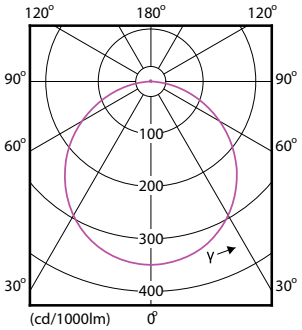

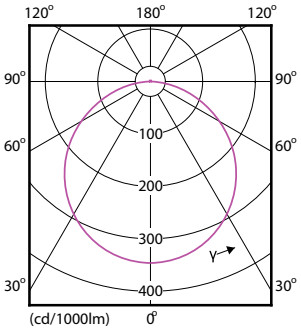

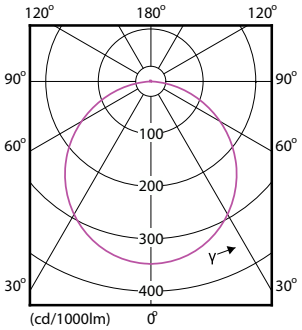

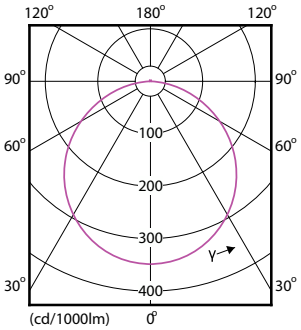

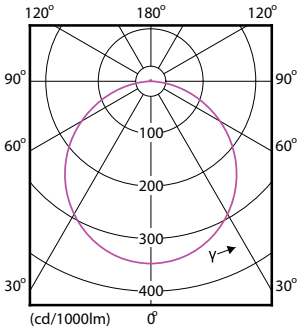

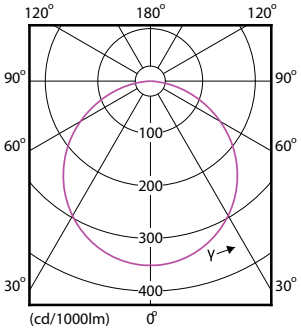

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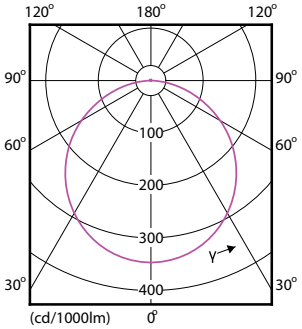

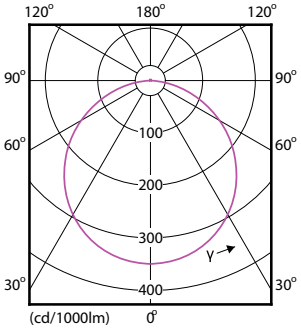

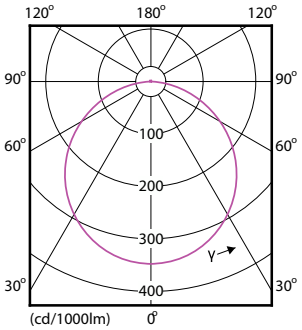

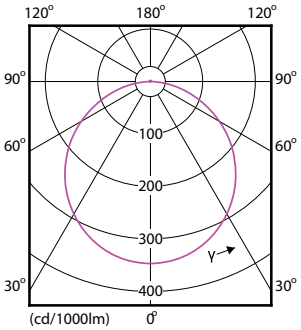

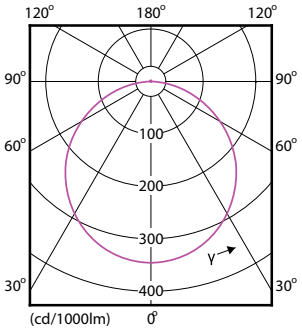

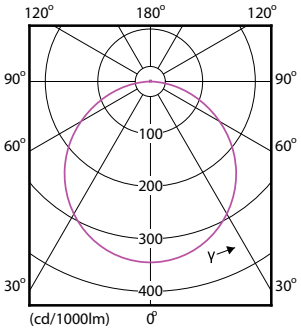

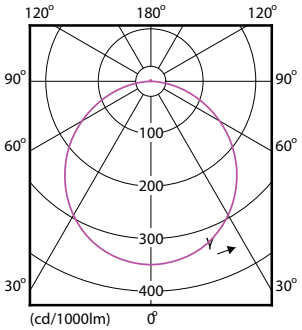

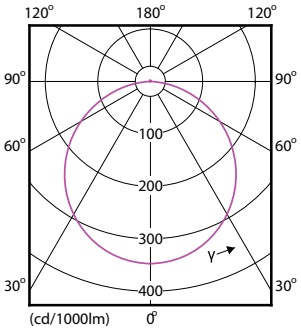

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