



Less Hassle, More Savings

Essential SmartBright LED Downlight G2

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

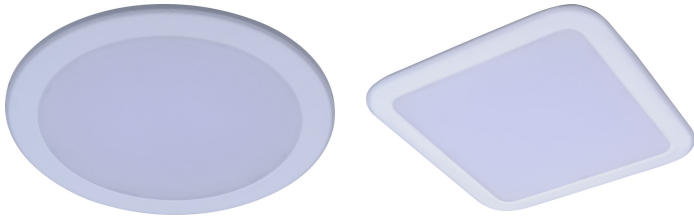
- Long life time: 20Khrs (L70B50@25°C)
- System efficiency: up to 85lm/W
- One family offers recess round, square and surface mount options
- Slim design: 33mm housing body height

Application

- Retail
- Office
- Residential

Essential SmartBright LED Downlight G2

Versions



Product details



Essential SmartBright DN027B
Round



Essential SmartBright DN027B
Square



Essential SmartBright DN027C
Round

Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

General Information

Driver included	Yes
-----------------	-----

Initial Performance (IEC Compliant)

Init. Colour Rendering Index	80
------------------------------	----

Application Conditions

Order Code	Full Product Name	Ambient temperature range
30864799	DN027B LED3/CW D90 RD	-20 to +40 °C
30865499	DN027B LED6/WW D90 RD	-20 to +40 °C
30866199	DN027B LED6/NW D90 RD	-20 to +40 °C
30867899	DN027B LED6/CW D90 RD	-20 to +40 °C
30868599	DN027B LED3/WW D100 RD	-20 to +40 °C
01810797	DN027B LED6/CW D100 RD	-20 to +40 °C
30878499	DN027B LED9/NW D125 RD	-20 to +40 °C

Order Code	Full Product Name	Ambient temperature range
01811397	DN027B LED9/CW D125 RD	-20 to +40 °C
01811997	DN027B LED9/CW D150 RD	-20 to +40 °C
01812097	DN027B LED12/WW D150 RD	-20 to +40 °C
01812297	DN027B LED12/CW D150 RD	-20 to +40 °C
30894499	DN027B LED15/CW D175 RD	-20 to +40 °C
30900299	DN027B LED20/CW D200 RD	-20 to +40 °C
30923199	DN027C LED9/NW D150	-

Essential SmartBright LED Downlight G2

Order Code	Full Product Name	Ambient temperature range
30924899	DN027C LED9/CW D150	-
30927999	DN027C LED12/CW D175	-
30930999	DN027C LED15/CW D200	-
30932399	DN027C LED20/NW D225	-

Order Code	Full Product Name	Ambient temperature range
30933099	DN027C LED20/CW D225	-
01814097	DN027B LED6/CW L100 SQ	-20 to +40 °C
01814697	DN027B LED9/CW L125 SQ	-20 to +40 °C
30918799	DN027B LED9/CW L150 SQ	-20 to +40 °C

Controls and Dimming

Order Code	Full Product Name	Dimmable
30864799	DN027B LED3/CW D90 RD	No
30865499	DN027B LED6/WW D90 RD	No
30866199	DN027B LED6/NW D90 RD	No
30867899	DN027B LED6/CW D90 RD	No
30868599	DN027B LED3/WW D100 RD	No
01810797	DN027B LED6/CW D100 RD	No
30878499	DN027B LED9/NW D125 RD	No
01811397	DN027B LED9/CW D125 RD	No
01811997	DN027B LED9/CW D150 RD	No
01812097	DN027B LED12/WW D150 RD	No
01812297	DN027B LED12/CW D150 RD	No

Order Code	Full Product Name	Dimmable
30894499	DN027B LED15/CW D175 RD	No
30900299	DN027B LED20/CW D200 RD	No
30923199	DN027C LED9/NW D150	-
30924899	DN027C LED9/CW D150	-
30927999	DN027C LED12/CW D175	-
30930999	DN027C LED15/CW D200	-
30932399	DN027C LED20/NW D225	-
30933099	DN027C LED20/CW D225	-
01814097	DN027B LED6/CW L100 SQ	No
01814697	DN027B LED9/CW L125 SQ	No
30918799	DN027B LED9/CW L150 SQ	No

Operating and Electrical

Order Code	Full Product Name	Input Voltage
30864799	DN027B LED3/CW D90 RD	220-240 V
30865499	DN027B LED6/WW D90 RD	220-240 V
30866199	DN027B LED6/NW D90 RD	220-240 V
30867899	DN027B LED6/CW D90 RD	220-240 V
30868599	DN027B LED3/WW D100 RD	220-240 V
01810797	DN027B LED6/CW D100 RD	220-240 V
30878499	DN027B LED9/NW D125 RD	220-240 V
01811397	DN027B LED9/CW D125 RD	220-240 V
01811997	DN027B LED9/CW D150 RD	220-240 V
01812097	DN027B LED12/WW D150 RD	220-240 V
01812297	DN027B LED12/CW D150 RD	220-240 V

Order Code	Full Product Name	Input Voltage
30894499	DN027B LED15/CW D175 RD	220-240 V
30900299	DN027B LED20/CW D200 RD	220-240 V
30923199	DN027C LED9/NW D150	-
30924899	DN027C LED9/CW D150	-
30927999	DN027C LED12/CW D175	-
30930999	DN027C LED15/CW D200	-
30932399	DN027C LED20/NW D225	-
30933099	DN027C LED20/CW D225	-
01814097	DN027B LED6/CW L100 SQ	220-240 V
01814697	DN027B LED9/CW L125 SQ	220-240 V
30918799	DN027B LED9/CW L150 SQ	220-240 V

General Information

Order Code	Full Product Name	Protection class IEC	Light source replaceable	Number of gear units	Optic type
30864799	DN027B LED3/CW D90 RD	Safety class II (II)	No	1 unit	110
30865499	DN027B LED6/WW D90 RD	Safety class II (II)	No	1 unit	110
30866199	DN027B LED6/NW D90 RD	Safety class II (II)	No	1 unit	110
30867899	DN027B LED6/CW D90 RD	Safety class II (II)	No	1 unit	110

Order Code	Full Product Name	Protection class IEC	Light source replaceable	Number of gear units	Optic type
30868599	DN027B LED3/WW D100 RD	Safety class II (II)	No	1 unit	110
01810797	DN027B LED6/CW D100 RD	Safety class II (II)	No	1 unit	110
30878499	DN027B LED9/NW D125 RD	Safety class II (II)	No	1 unit	110
01811397	DN027B LED9/CW D125 RD	Safety class II (II)	No	1 unit	110

Essential SmartBright LED Downlight G2

Order Code	Full Product Name	Protection class IEC	Light source replaceable	Number of gear units	Optic type
01811997	DN027B LED9/CW D150 RD	Safety class II (II)	No	1 unit	110
01812097	DN027B LED12/WW D150 RD	Safety class II (II)	No	1 unit	110
01812297	DN027B LED12/CW D150 RD	Safety class II (II)	No	1 unit	110
30894499	DN027B LED15/CW D175 RD	Safety class II (II)	No	1 unit	110
30900299	DN027B LED20/CW D200 RD	Safety class II (II)	No	1 unit	110
30923199	DN027C LED9/NW D150	-	-	-	-
30924899	DN027C LED9/CW D150	-	-	-	-

Order Code	Full Product Name	Protection class IEC	Light source replaceable	Number of gear units	Optic type
30927999	DN027C LED12/CW D175	-	-	-	-
30930999	DN027C LED15/CW D200	-	-	-	-
30932399	DN027C LED20/NW D225	-	-	-	-
30933099	DN027C LED20/CW D225	-	-	-	-
01814097	DN027B LED6/CW L100 SQ	Safety class II (II)	No	1 unit	110
01814697	DN027B LED9/CW L125 SQ	Safety class II (II)	No	1 unit	110
30918799	DN027B LED9/CW L150 SQ	Safety class II (II)	No	1 unit	110

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial luminous flux	Luminous flux tolerance	Initial input power
30864799	DN027B LED3/CW D90 RD	SDCM<5	6500 K	300 lm	+/-10%	4 W
30865499	DN027B LED6/WW D90 RD	SDCM<5	3000 K	600 lm	+/-10%	7 W
30866199	DN027B LED6/NW D90 RD	SDCM<5	4000 K	600 lm	+/-10%	7 W
30867899	DN027B LED6/CW D90 RD	SDCM<5	6500 K	600 lm	+/-10%	7 W
30868599	DN027B LED3/WW D100 RD	SDCM<5	3000 K	300 lm	+/-10%	4 W
01810797	DN027B LED6/CW D100 RD	SDCM<5	6500 K	600 lm	+/-10%	7 W
30878499	DN027B LED9/NW D125 RD	SDCM<5	4000 K	900 lm	+/-10%	11 W
01811397	DN027B LED9/CW D125 RD	SDCM<5	6500 K	900 lm	+/-10%	11 W
01811997	DN027B LED9/CW D150 RD	SDCM<5	6500 K	900 lm	+/-10%	11 W
01812097	DN027B LED12/WW D150 RD	SDCM<5	3000 K	1200 lm	+/-10%	15 W
01812297	DN027B LED12/CW D150 RD	SDCM<5	6500 K	1200 lm	+/-10%	15 W
30894499	DN027B LED15/CW D175 RD	SDCM<5	6500 K	1500 lm	+/-10%	18 W
30900299	DN027B LED20/CW D200 RD	SDCM<5	6500 K	2000 lm	+/-10%	23 W
30923199	DN027C LED9/NW D150	-	4000 K	900 lm	-	11 W
30924899	DN027C LED9/CW D150	-	6500 K	900 lm	-	11 W
30927999	DN027C LED12/CW D175	-	6500 K	1200 lm	-	15 W
30930999	DN027C LED15/CW D200	-	6500 K	1500 lm	-	18 W
30932399	DN027C LED20/NW D225	-	4000 K	2000 lm	-	23 W
30933099	DN027C LED20/CW D225	-	6500 K	2000 lm	-	23 W
01814097	DN027B LED6/CW L100 SQ	SDCM<5	6500 K	600 lm	+/-10%	7 W
01814697	DN027B LED9/CW L125 SQ	SDCM<5	6500 K	900 lm	+/-10%	11 W
30918799	DN027B LED9/CW L150 SQ	SDCM<5	6500 K	900 lm	+/-10%	11 W

Mechanical and Housing

Order Code	Full Product Name	Colour	Order Code	Full Product Name	Colour
30864799	DN027B LED3/CW D90 RD	White	30865499	DN027B LED6/WW D90 RD	White

Essential SmartBright LED Downlight G2

Order Code	Full Product Name	Colour
30866199	DN027B LED6/NW D90 RD	White
30867899	DN027B LED6/CW D90 RD	White
30868599	DN027B LED3/WW D100 RD	White
01810797	DN027B LED6/CW D100 RD	White
30878499	DN027B LED9/NW D125 RD	White
01811397	DN027B LED9/CW D125 RD	White
01811997	DN027B LED9/CW D150 RD	White
01812097	DN027B LED12/WW D150 RD	White
01812297	DN027B LED12/CW D150 RD	White
30894499	DN027B LED15/CW D175 RD	White

Order Code	Full Product Name	Colour
30900299	DN027B LED20/CW D200 RD	White
30923199	DN027C LED9/NW D150	-
30924899	DN027C LED9/CW D150	-
30927999	DN027C LED12/CW D175	-
30930999	DN027C LED15/CW D200	-
30932399	DN027C LED20/NW D225	-
30933099	DN027C LED20/CW D225	-
01814097	DN027B LED6/CW L100 SQ	White
01814697	DN027B LED9/CW L125 SQ	White
30918799	DN027B LED9/CW L150 SQ	White

