



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

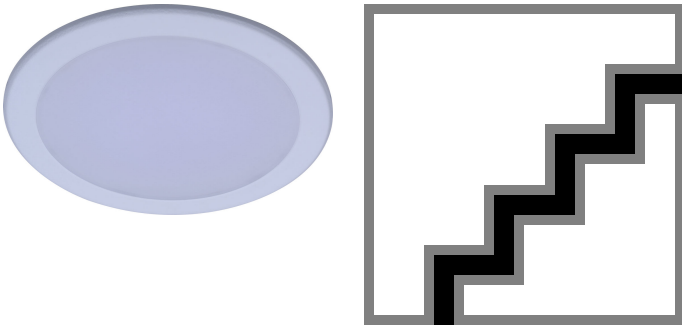
- Long life time: 20Khrs (L70B50@25°C)
- System efficiency: up to 85lm/W
- One family offers recess round, square and surface mount options
- Slim design: 33mm housing body height

Application

- Retail
- Office
- Residential

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Versions



Product details



Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

General Information

Driver included	Yes
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Initial Performance (IEC Compliant)

Init. Colour Rendering Index	80
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Application Conditions

Order Code	Full Product Name	Ambient temperature range
911401809697	DN027B LED3/WW D90 RD	-20 to +40 °C
911401809997	DN027B LED6/WW D90 RD	-20 to +40 °C
911401810197	DN027B LED6/CW D90 RD	-20 to +40 °C
911401810297	DN027B LED3/WW D100 RD	-20 to +40 °C
911401810897	DN027B LED6/WW D125 RD	-20 to +40 °C
911401811097	DN027B LED6/CW D125 RD	-20 to +40 °C
911401811497	DN027B LED6/WW D150 RD	-20 to +40 °C

Order Code	Full Product Name	Ambient temperature range
911401811797	DN027B LED9/WW D150 RD	-20 to +40 °C
911401811997	DN027B LED9/CW D150 RD	-20 to +40 °C
911401812897	DN027B LED15/CW D175 RD	-20 to +40 °C
911401812997	DN027B LED15/WW D200 RD	-20 to +40 °C
911401813197	DN027B LED15/CW D200 RD	-20 to +40 °C
911401815697	DN027C LED9/WW D150	-
911401815797	DN027C LED9/NW D150	-

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Order Code	Full Product Name	Ambient temperature range
911401815897	DN027C LED9/CW D150	-
911401815997	DN027C LED12/WW D175	-
911401816097	DN027C LED12/NW D175	-
911401816197	DN027C LED12/CW D175	-
911401816297	DN027C LED15/WW D200	-
911401816397	DN027C LED15/NW D200	-
911401816497	DN027C LED15/CW D200	-

Order Code	Full Product Name	Ambient temperature range
911401816597	DN027C LED20/WW D225	-
911401816697	DN027C LED20/NW D225	-
911401816797	DN027C LED20/CW D225	-
911401814297	DN027B LED6/NW L125 SQ	-20 to +40 °C
911401814897	DN027B LED6/NW L150 SQ	-20 to +40 °C
911401815197	DN027B LED9/NW L150 SQ	-20 to +40 °C

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401809697	DN027B LED3/WW D90 RD	No
911401809997	DN027B LED6/WW D90 RD	No
911401810197	DN027B LED6/CW D90 RD	No
911401810297	DN027B LED3/WW D100 RD	No
911401810897	DN027B LED6/WW D125 RD	No
911401811097	DN027B LED6/CW D125 RD	No
911401811497	DN027B LED6/WW D150 RD	No
911401811797	DN027B LED9/WW D150 RD	No
911401811997	DN027B LED9/CW D150 RD	No
911401812897	DN027B LED15/CW D175 RD	No
911401812997	DN027B LED15/WW D200 RD	No
911401813197	DN027B LED15/CW D200 RD	No
911401815697	DN027C LED9/WW D150	-
911401815797	DN027C LED9/NW D150	-

Order Code	Full Product Name	Dimmable
911401815897	DN027C LED9/CW D150	-
911401815997	DN027C LED12/WW D175	-
911401816097	DN027C LED12/NW D175	-
911401816197	DN027C LED12/CW D175	-
911401816297	DN027C LED15/WW D200	-
911401816397	DN027C LED15/NW D200	-
911401816497	DN027C LED15/CW D200	-
911401816597	DN027C LED20/WW D225	-
911401816697	DN027C LED20/NW D225	-
911401816797	DN027C LED20/CW D225	-
911401814297	DN027B LED6/NW L125 SQ	No
911401814897	DN027B LED6/NW L150 SQ	No
911401815197	DN027B LED9/NW L150 SQ	No

Operating and Electrical

Order Code	Full Product Name	Input Voltage
911401809697	DN027B LED3/WW D90 RD	220–240 V
911401809997	DN027B LED6/WW D90 RD	220–240 V
911401810197	DN027B LED6/CW D90 RD	220–240 V
911401810297	DN027B LED3/WW D100 RD	220–240 V
911401810897	DN027B LED6/WW D125 RD	220–240 V
911401811097	DN027B LED6/CW D125 RD	220–240 V
911401811497	DN027B LED6/WW D150 RD	220–240 V
911401811797	DN027B LED9/WW D150 RD	220–240 V
911401811997	DN027B LED9/CW D150 RD	220–240 V
911401812897	DN027B LED15/CW D175 RD	220–240 V
911401812997	DN027B LED15/WW D200 RD	220–240 V
911401813197	DN027B LED15/CW D200 RD	220–240 V
911401815697	DN027C LED9/WW D150	-
911401815797	DN027C LED9/NW D150	-

Order Code	Full Product Name	Input Voltage
911401815897	DN027C LED9/CW D150	-
911401815997	DN027C LED12/WW D175	-
911401816097	DN027C LED12/NW D175	-
911401816197	DN027C LED12/CW D175	-
911401816297	DN027C LED15/WW D200	-
911401816397	DN027C LED15/NW D200	-
911401816497	DN027C LED15/CW D200	-
911401816597	DN027C LED20/WW D225	-
911401816697	DN027C LED20/NW D225	-
911401816797	DN027C LED20/CW D225	-
911401814297	DN027B LED6/NW L125 SQ	220–240 V
911401814897	DN027B LED6/NW L150 SQ	220–240 V
911401815197	DN027B LED9/NW L150 SQ	220–240 V

General Information

Order Code	Full Product Name	Protection class IEC	Light source replaceable	Number of gear units	Optic type
911401809697	DN027B LED3/WW 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
911401809997	DN027B LED6/WW D90 RD	Safety class II (II)	No	1 unit	110

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Order Code	Full Product Name	Protection class IEC	Light source replaceable	Number of gear units	Optic type
911401810197	DN027B LED6/CW D90 RD	Safety class II (II)	No	1 unit	110
911401810297	DN027B LED3/WW D100 RD	Safety class II (II)	No	1 unit	110
911401810897	DN027B LED6/WW D125 RD	Safety class II (II)	No	1 unit	110
911401811097	DN027B LED6/CW D125 RD	Safety class II (II)	No	1 unit	110
911401811497	DN027B LED6/WW D150 RD	Safety class II (II)	No	1 unit	110
911401811797	DN027B LED9/WW D150 RD	Safety class II (II)	No	1 unit	110
911401811997	DN027B LED9/CW D150 RD	Safety class II (II)	No	1 unit	110
911401812897	DN027B LED15/CW D175 RD	Safety class II (II)	No	1 unit	110
911401812997	DN027B LED15/WW D200 RD	Safety class II (II)	No	1 unit	110
911401813197	DN027B LED15/CW D200 RD	Safety class II (II)	No	1 unit	110
911401815697	DN027C LED9/WW D150	-	-	-	-
911401815797	DN027C LED9/NW D150	-	-	-	-

Order Code	Full Product Name	Protection class IEC	Light source replaceable	Number of gear units	Optic type
911401815897	DN027C LED9/CW D150	-	-	-	-
911401815997	DN027C LED12/WW D175	-	-	-	-
911401816097	DN027C LED12/NW D175	-	-	-	-
911401816197	DN027C LED12/CW D175	-	-	-	-
911401816297	DN027C LED15/WW D200	-	-	-	-
911401816397	DN027C LED15/NW D200	-	-	-	-
911401816497	DN027C LED15/CW D200	-	-	-	-
911401816597	DN027C LED20/WW D225	-	-	-	-
911401816697	DN027C LED20/NW D225	-	-	-	-
911401816797	DN027C LED20/CW D225	-	-	-	-
911401814297	DN027B LED6/NW L125 SQ	Safety class II (II)	No	1 unit	110
911401814897	DN027B LED6/NW L150 SQ	Safety class II (II)	No	1 unit	110
911401815197	DN027B LED9/NW 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
911401809697	DN027B LED3/WW D90 RD	SDCM<5	3000 K	300 lm	+/-10%	4 W
911401809997	DN027B LED6/WW D90 RD	SDCM<5	3000 K	600 lm	+/-10%	7 W
911401810197	DN027B LED6/CW D90 RD	SDCM<5	6500 K	600 lm	+/-10%	7 W
911401810297	DN027B LED3/WW D100 RD	SDCM<5	3000 K	300 lm	+/-10%	4 W
911401810897	DN027B LED6/WW D125 RD	SDCM<5	3000 K	600 lm	+/-10%	7 W
911401811097	DN027B LED6/CW D125 RD	SDCM<5	6500 K	600 lm	+/-10%	7 W
911401811497	DN027B LED6/WW D150 RD	SDCM<5	3000 K	600 lm	+/-10%	7 W
911401811797	DN027B LED9/WW D150 RD	SDCM<5	3000 K	900 lm	+/-10%	11 W
911401811997	DN027B LED9/CW D150 RD	SDCM<5	6500 K	900 lm	+/-10%	11 W
911401812897	DN027B LED15/CW D175 RD	SDCM<5	6500 K	1500 lm	+/-10%	18 W
911401812997	DN027B LED15/WW D200 RD	SDCM<5	3000 K	1500 lm	+/-10%	18 W
911401813197	DN027B LED15/CW D200 RD	SDCM<5	6500 K	1500 lm	+/-10%	18 W
911401815697	DN027C LED9/WW D150	-	3000 K	900 lm	-	11 W

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Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial luminous flux	Luminous flux tolerance	Initial input power
911401815797	DN027C LED9/NW D150	-	4000 K	900 lm	-	11 W
911401815897	DN027C LED9/CW D150	-	6500 K	900 lm	-	11 W
911401815997	DN027C LED12/WW D175	-	3000 K	1200 lm	-	15 W
911401816097	DN027C LED12/NW D175	-	4000 K	1200 lm	-	15 W
911401816197	DN027C LED12/CW D175	-	6500 K	1200 lm	-	15 W
911401816297	DN027C LED15/WW D200	-	3000 K	1500 lm	-	18 W
911401816397	DN027C LED15/NW D200	-	4000 K	1500 lm	-	18 W
911401816497	DN027C LED15/CW D200	-	6500 K	1500 lm	-	18 W
911401816597	DN027C LED20/WW D225	-	3000 K	2000 lm	-	23 W
911401816697	DN027C LED20/NW D225	-	4000 K	2000 lm	-	23 W
911401816797	DN027C LED20/CW D225	-	6500 K	2000 lm	-	23 W
911401814297	DN027B LED6/NW L125 SQ	SDCM<5	4000 K	600 lm	+/-10%	7 W
911401814897	DN027B LED6/NW L150 SQ	SDCM<5	4000 K	600 lm	+/-10%	7 W
911401815197	DN027B LED9/NW L150 SQ	SDCM<5	4000 K	900 lm	+/-10%	11 W

Mechanical and Housing

Order Code	Full Product Name	Colour	Order Code	Full Product Name	Colour
911401809697	DN027B LED3/WW D90 RD	White	911401815897	DN027C LED9/CW D150	-
911401809997	DN027B LED6/WW D90 RD	White	911401815997	DN027C LED12/WW D175	-
911401810197	DN027B LED6/CW D90 RD	White	911401816097	DN027C LED12/NW D175	-
911401810297	DN027B LED3/WW D100 RD	White	911401816197	DN027C LED12/CW D175	-
911401810897	DN027B LED6/WW D125 RD	White	911401816297	DN027C LED15/WW D200	-
911401811097	DN027B LED6/CW D125 RD	White	911401816397	DN027C LED15/NW D200	-
911401811497	DN027B LED6/WW D150 RD	White	911401816497	DN027C LED15/CW D200	-
911401811797	DN027B LED9/WW D150 RD	White	911401816597	DN027C LED20/WW D225	-
911401811997	DN027B LED9/CW D150 RD	White	911401816697	DN027C LED20/NW D225	-
911401812897	DN027B LED15/CW D175 RD	White	911401816797	DN027C LED20/CW D225	-
911401812997	DN027B LED15/WW D200 RD	White	911401814297	DN027B LED6/NW L125 SQ	White
911401813197	DN027B LED15/CW D200 RD	White	911401814897	DN027B LED6/NW L150 SQ	White
911401815697	DN027C LED9/WW D150	-	911401815197	DN027B LED9/NW L150 SQ	White
911401815797	DN027C LED9/NW D150	-			

