



Essential SmartBright LED Downlight

DN027B LED3/CW D90 RD

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.

Product data

General Information	
Light source replaceable	No
Lighting Technology	LED
Warranty period	1 years
Light Technical	
Luminous Flux	300 lm
Correlated Color Temperature (Nom)	6500 K
Color rendering index (CRI)	80
Light source color	3000/4000/6500
Luminaire light beam spread	110°
Operating and Electrical	
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Power Consumption	4 W
Power Factor (Fraction)	0.7
Connection	Flying leads/wires

Temperature Ambient temperature range -20 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Mechanical and Housing Housing Material Plastic Reflector material Polycarbonate
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Driver/power unit/transformer Power supply unit (On/Off) Mechanical and Housing Housing Material Plastic
Mechanical and Housing Housing Material Plastic
Housing Material Plastic
Housing Material Plastic
Reflector material Polycarbonate
Optic material Polycarbonate
Housing Color White
Overall length 33 mm
Overall width 33 mm
Overall height 33 mm
Overall diameter 115 mm
Dimensions (Height x Width x Depth) 33 x 33 x 33 mm
Approval and Application

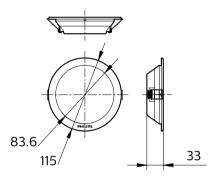
Datasheet, 2023, December 6 data subject to change

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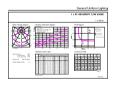
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II
Initial Performance (IEC Compliant)	
Initial chromaticity	SDCM<5
Power consumption tolerance	+/-10%
Product Data	
Order product name	DN027B LED3/CW D90 RD
Full product name	DN027B LED3/CW D90 RD

Full product code	871016330864799
Order code	911401809897
Material Nr. (12NC)	911401809897
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163308647
Numerator - Packs per outer box	24
EAN/UPC - Case	8710163309521

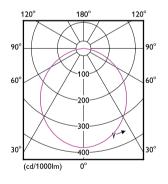
Dimensional drawing



Photometric data



General uniform lighting - DN027B LED3/CW D90 RD



Light Distribution Diagram - DN027B LED3/CW D90 RD



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