



Essential SmartBright LED Downlight

DN027B LED9/CW L150 SQ

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	900 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	11 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 Optic material Polycarbonate Housing Color White Overall length 175 mm Overall width 175 mm Overall height 33 mm Overall diameter 225 mm Dimensions (Height x Width x Depth) 33 x 175 x 175 mm		
Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Mechanical and Housing Housing Material Plastic Reflector material Polycarbonate Optic material Polycarbonate Housing Color White Overall length 175 mm Overall width 175 mm Overall height 33 mm Overall diameter 225 mm Dimensions (Height x Width x Depth) 33 x 175 x 175 mm	Temperature	
Dimmable Driver/power unit/transformer Power supply unit (On/Off) Mechanical and Housing Housing Material Plastic Reflector material Polycarbonate Optic material Polycarbonate Housing Color White Overall length 175 mm Overall width 175 mm Overall height 33 mm Overall diameter Dimensions (Height x Width x Depth) 33 x 175 x 175 mm	Ambient temperature range	-20 to +40 °C
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Mechanical and Housing Housing Material Plastic Reflector material Polycarbonate Optic material Polycarbonate Housing Color White Overall length 175 mm Overall width 175 mm Overall height 33 mm Overall diameter 225 mm Dimensions (Height x Width x Depth) 33 x 175 x 175 mm	Dimmable	No
Housing Material Plastic Reflector material Polycarbonate Optic material Polycarbonate Housing Color White Overall length 175 mm Overall width 175 mm Overall height 33 mm Overall diameter 225 mm Dimensions (Height x Width x Depth) 33 x 175 x 175 mm	Driver/power unit/transformer	Power supply unit (On/Off)
Housing Material Plastic Reflector material Polycarbonate Optic material Polycarbonate Housing Color White Overall length 175 mm Overall width 175 mm Overall height 33 mm Overall diameter 225 mm Dimensions (Height x Width x Depth) 33 x 175 x 175 mm		
Reflector material Polycarbonate Optic material Polycarbonate Housing Color White Overall length 175 mm Overall width 175 mm Overall height 33 mm Overall diameter 225 mm Dimensions (Height x Width x Depth) 33 x 175 x 175 mm	Mechanical and Housing	
Optic material Polycarbonate Housing Color White Overall length 175 mm Overall width 175 mm Overall height 33 mm Overall diameter 225 mm Dimensions (Height x Width x Depth) 33 x 175 x 175 mm	Housing Material	Plastic
Housing Color White Overall length 175 mm Overall width 175 mm Overall height 33 mm Overall diameter Dimensions (Height x Width x Depth) 33 x 175 x 175 mm	Reflector material	Polycarbonate
Overall length 175 mm Overall width 175 mm Overall height 33 mm Overall diameter 225 mm Dimensions (Height x Width x Depth) 33 x 175 x 175 mm	Optic material	Polycarbonate
Overall width 175 mm Overall height 33 mm Overall diameter 225 mm Dimensions (Height x Width x Depth) 33 x 175 x 175 mm	Housing Color	White
Overall height 33 mm Overall diameter 225 mm Dimensions (Height x Width x Depth) 33 x 175 x 175 mm	Overall length	175 mm
Overall diameter 225 mm Dimensions (Height x Width x Depth) 33 x 175 x 175 mm	Overall width	175 mm
Dimensions (Height x Width x Depth) 33 x 175 x 175 mm	Overall height	33 mm
	Overall diameter	225 mm
	Dimensions (Height x Width x Depth)	33 x 175 x 175 mm
Approval and Application	Approval and Application	
Ingress protection code IP20 [Finger-protected]	Ingress protection code	IP20 [Finger-protected]

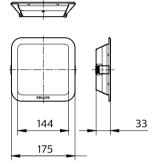
Datasheet, 2023, April 30 data subject to change

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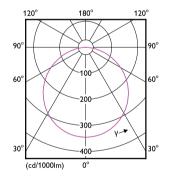
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II
Initial Performance (IEC Compliant)	
Initial chromaticity	SDCM<5
Power consumption tolerance	+/-10%
Product Data	
Order product name	DN027B LED9/CW L150 SQ
Full product name	DN027B LED9/CW L150 SQ

Full product code	871016330918799
Order code	30918799
Material Nr. (12NC)	911401815297
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163309187
Numerator - Packs per outer box	24
EAN/UPC - Case	8710163310060

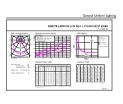
Dimensional drawing



Photometric data







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General uniform lighting - DN027B LED9/CW L150 SQ



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