



# Essential SmartBright LED Downlight

# **DN027B LED9/WW 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)	3000 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
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		
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	Temperature	
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	Ambient temperature range	-20 to +40 °C
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		
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	Controls and Dimming	
Mechanical and Housing Housing Material Plastic  Reflector material Polycarbonate  Optic material Polycarbonate  Housing Color White  Overall length 175 mm	Dimmable	No
Housing Material Plastic  Reflector material Polycarbonate  Optic material Polycarbonate  Housing Color White  Overall length 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		
Reflector material Polycarbonate  Optic material Polycarbonate  Housing Color White  Overall length 175 mm	Mechanical and Housing	
Optic material Polycarbonate  Housing Color White  Overall length 175 mm	Housing Material	Plastic
Housing Color White Overall length 175 mm	Reflector material	Polycarbonate
Overall length 175 mm	Optic material	Polycarbonate
	Housing Color	White
Overall width 175 mm	Overall length	175 mm
	Overall width	175 mm
Overall height 33 mm	Overall height	33 mm
Overall diameter 225 mm	Overall diameter	225 mm
Dimensions (Height x Width x Depth) 33 x 175 x 175 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]

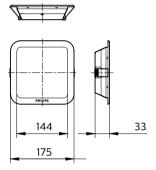
Datasheet, 2023, December 6 data subject to change

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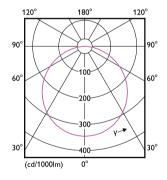
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II
Initial Performance (IEC Compliant)	
Initial chromaticity	SDCM<5
Power consumption tolerance	+/-10%
Product Data	
Order product name	DN027B LED9/WW L150 SQ
Full product name	DN027B LED9/WW L150 SO

Full product code	871016330916399
Order code	911401815097
Material Nr. (12NC)	911401815097
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163309163
Numerator - Packs per outer box	24
EAN/UPC - Case	8710163310046

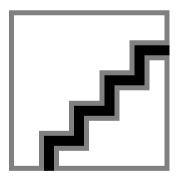
### Dimensional drawing



#### Photometric data



Light Distribution Diagram - DN027B LED9/WW L150 SQ



General uniform lighting - DN027B LED9/WW L150 SQ



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