Essential SmartBright LED Downlight

DN027B LED9/WW L125 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

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	150 mm
Overall width	150 mm
Overall height	33 mm
Overall diameter	225 mm
Dimensions (Height x Width x Depth)	33 x 150 x 150 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]

data subject to change

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Mech. impact protection code	IK02 [0.2 J standard]		**Full product code**	911401814497
Protection class IEC	Safety class II		**Order code**	01814497
			Material Nr. (12NC)	911401814497
Initial Performance (IEC Compliant)			**Numerator – Quantity Per Pack**	1
Initial chromaticity	SDCM<5		**EAN/UPC – Product/Case**	8710163309101
Power consumption tolerance	+/-10%		**Numerator – Packs per outer box**	24
			EAN/UPC – Case	8710163309989
Product Data				
Order product name	DN027B LED9/WW L125 SQ			
Full product name	DN027B LED9/WW L125 SQ			

Dimensional drawing
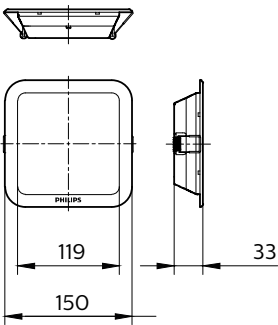
Photometric data
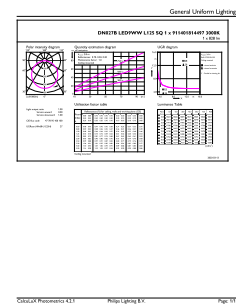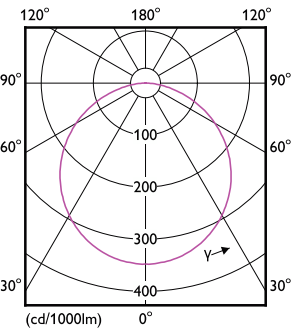
Light Distribution Diagram – DN027B LED9/WW L125 SQ

General uniform lighting – DN027B LED9/WW L125 SQ

www.lighting.philips.com

2023, April 30 – data subject to change