



# Essential SmartBright LED Downlight

## DN027B LED12/NW D150 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	1,200 lm	
Correlated Color Temperature (Nom)	4000 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	15 W	
Power Factor (Fraction)	0.7	
Connection	Flying leads/wires	

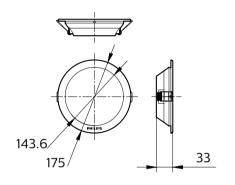
Temperature	
Ambient temperature range	-20 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Mechanical and Housing	
Housing Material	Plastic
Reflector material	Polycarbonate
Optic material	Polycarbonate
Housing Color	White
Overall length	33 mm
Overall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

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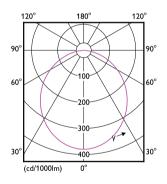
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II
Initial Performance (IEC Compliant)	
Initial chromaticity	SDCM<5
Power consumption tolerance	+/-10%
Product Data	
Order product name	DN027B LED12/NW D150 RD
Full product name	DN027B LED12/NW D150 RD

Full product code	871016330887699	
Order code	911401812197	
Material Nr. (12NC)	911401812197	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8710163308876	
Numerator - Packs per outer box	24	
EAN/UPC - Case	8710163309750	

## **Dimensional drawing**



### Photometric data



Light Distribution Diagram - DN027B LED12/NW D150 RD

		General Uniform Light
		1 x 911481812197 14W 4008K
		1 x 1289 hr
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General uniform lighting - DN027B LED12/NW D150 RD



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www.lighting.philips.com 2023, December 6 - data subject to change