



Essential SmartBright LED Downlight

DN027B LED6/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	600 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	7 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]

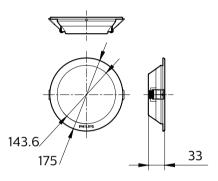
Datasheet, 2023, December 6 data subject to change

Essential SmartBright LED Downlight

IK02 [0.2 J standard]
Safety class II
SDCM<5
+/-10%
DN027B LED6/NW D150 RD
DN027B LED6/NW D150 RD

Full product code	871016330881499
Order code	911401811597
Material Nr. (12NC)	911401811597
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163308814
Numerator - Packs per outer box	24
EAN/UPC - Case	8710163309699

Dimensional drawing



Photometric data



Calculus Photometrics 4.2.1 Philips Lighting 6.V. Page: UT

General uniform lighting - DN027B LED6/NW D150 RD

90° 90° 60° 60° 30° (cd/1000lm) 0°

180°

120°

Light Distribution Diagram - DN027B LED6/NW D150 RD

120°



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.