



# Essential SmartBright LED Downlight

## DN027B LED6/WW D90 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)	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	7 W	
Power Factor (Fraction)	0.7	
Connection	Flying leads/wires	

Tomporature	
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	115 mm
Dimensions (Height x Width x Depth)	33 x 33 x 33 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]

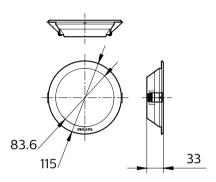
Datasheet, 2023, April 30 data subject to change

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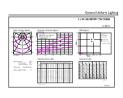
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II
Initial Performance (IEC Compliant)	
Initial chromaticity	SDCM<5
Power consumption tolerance	+/-10%
Product Data	
Order product name	DN027B LED6/WW D90 RD
Full product name	DN027B LED6/WW D90 RD

Full product code	871016330865499
Order code	911401809997
Material Nr. (12NC)	911401809997
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163308654
Numerator - Packs per outer box	24
EAN/UPC - Case	8710163309538

### Dimensional drawing



### Photometric data



No. 10 Sept. 10 Sept.

90° 90° 60° 60° 30° (cd/1000lm) 0° 30°

180°

120°

Light Distribution Diagram - DN027B LED6/WW D90 RD

120°

# General uniform lighting - DN027B LED6/WW D90 RD



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