



Essential SmartBright LED Downlight

DN027C LED20/CW D225

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	
Light Technical		
Luminous Flux	2,000 lm	
Correlated Color Temperature (Nom)	6500 K	
Color rendering index (CRI)	80	
Light source color	3000/4000/6500	
Luminaire light beam spread	110°	
Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 or 60 Hz	
Input Frequency	50 or 60 Hz	
Power Consumption	23 W	
Power Factor (Fraction)	0.7	

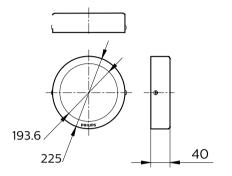
Temperature		
Ambient temperature range	-20 to +40 °C	
Mechanical and Housing		
Housing Material	Plastic	
Reflector material	Polycarbonate	
Housing Color	White	
Overall length	225 mm	
Overall width	175 mm	
Overall height	40 mm	
Overall diameter	225 mm	
Dimensions (Height x Width x Depth)	40 x 175 x 225 mm	
Approval and Application		
Ingress protection code	IP20 [Finger-protected]	
Mech. impact protection code	IK02 [0.2 J standard]	
Protection class IEC	Safety class II	
Product Data		
Order product name	DN027C LED20/CW D225	

Essential SmartBright LED Downlight

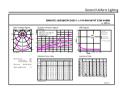
Full product name	DN027C LED20/CW D225	
Full product code	871016330933099	
Order code	30933099	
Material Nr. (12NC)	911401816797	
Numerator - Quantity Per Pack	1	

EAN/UPC - Product/Case	8710163309330
Numerator - Packs per outer box	24
EAN/UPC - Case	8710163310213

Dimensional drawing

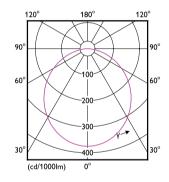


Photometric data



CalculuX Photometrics 421	Philips Lighting B.V.	Page: 1/1

General uniform lighting - DN027C LED20/CW D225



Light Distribution Diagram - DN027C LED20/CW D225



© 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.

www.lighting.philips.com 2023, May 1 - data subject to change