



# Essential SmartBright LED Downlight

## DN020B G3 LED15/CW 18W 220-240V D175 SNI

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 color	865 cool daylight
Light source replaceable	No
Luminaire light beam spread	110°
Connection	Flying leads/wires
Protection class IEC	Safety class II
Operating and electrical	
Input Voltage	220 to 240 V
Input Frequency	50 or 60 Hz
Power Factor (Min)	0.5
Controls and dimming	
Dimmable	No
Mechanical and housing	
Housing Material	Plastic
Reflector material	Polycarbonate
Optic material	Polycarbonate

Steel

Optical cover/lens finishOpalOverall length190 mmOverall width190 mmOverall height38 mmOverall diameter190 mm	
Overall width 190 mm   Overall height 38 mm	
Overall height 38 mm	
Overall diameter 190 mm	
Color White	
Dimensions (Height x Width x Depth) 38 x 190 x 190 mm	
Approval and application	
Ingress protection code IP20 [Finger-protected]	
Mech. impact protection code IK03 [ 0.3 J]	
Initial performance (IEC compliant)	
Initial luminous flux (system flux) 1500 lm	
Initial LED luminaire efficacy 83.00 lm/W	
Init. Corr. Color Temperature 6500 K	
Init. Color Rendering Index 80	·
Initial chromaticity (0.3123, 0.3283) 6	
Initial input power 18 W	

Fixation material

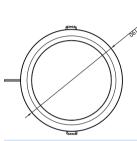
### Essential SmartBright LED Downlight

Power consumption tolerance	+/-10%
Over time performance (IEC compliant)	
Driver failure rate at 5000 h	1.6 %
Median useful life L70B50	20000 h
Application conditions	
Ambient temperature range	-20 to +40 °C
Product data	
Full product code	871869977999300

Order product name	DN020B G3 LED15/CW 18W 220-240V D175 SNI
EAN/UPC - Product	8718699779993
Order code	929002513217
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	30
Material Nr. (12NC)	929002513217
Net Weight (Piece)	0.180 kg

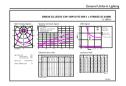


#### **Dimensional drawing**

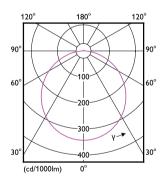


DN020B G3 LED15/CW 18W 220-240V D175 SNI

#### Photometric data



Philips Lighting D.

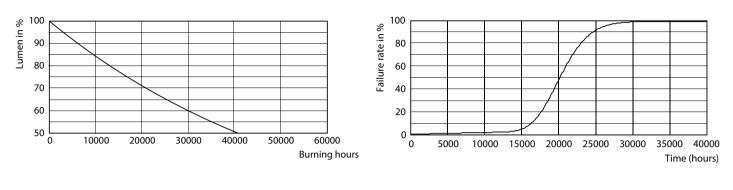


Downlight DN020 G3 CW 18W D175 SNI

Downlight DN020 G3 CW 18W D175 SNI

## Essential SmartBright LED Downlight

Lifetime



L70B50 20K-LMP

L70B50 20K-LED



© 2022 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 2022, August 23 - data subject to change