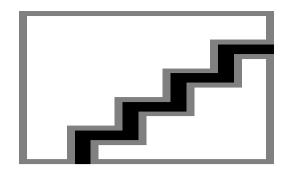
PHILIPS Lighting



Essential SmartBright LED Downlight

DN020B G3 LED20/NW 23W 220-240V D200 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	840 neutral white
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 finish	Opal	
Overall length	225 mm	
Overall width	225 mm	
Overall height	38 mm	
Overall diameter	225 mm	
Color	White	
Dimensions (Height x Width x Depth)	38 x 225 x 225 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)	2000 lm	
Initial LED luminaire efficacy	86.00 lm/W	
Init. Corr. Color Temperature	4000 K	
Init. Color Rendering Index	80	
Initial chromaticity	(0.3818, 0.3797) 6	
Initial input power	23 W	

Fixation material

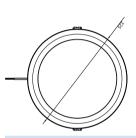
Essential SmartBright LED Downlight

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	871869978003600	

Order product name	DN020B G3 LED20/NW 23W 220-240V D200 SNI
EAN/UPC - Product	8718699780036
Order code	929002513417
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	30
Material Nr. (12NC)	929002513417
Net Weight (Piece)	0.235 kg

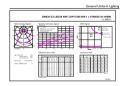


Dimensional drawing

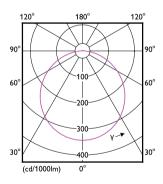


DN020B G3 LED20/NW 23W 220-240V D200 SNI

Photometric data



Philips Lighting D.

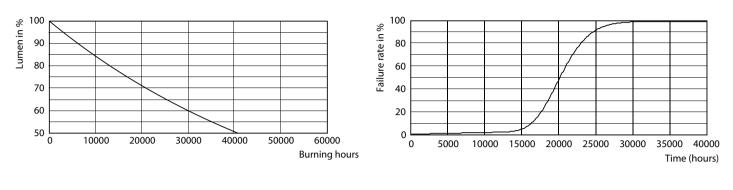


Downlight DN020 G3 NW 23W D200 SNI

Downlight DN020 G3 NW 23W D200 SNI

Essential SmartBright LED Downlight

Lifetime



L70B50 20K-LMP

L70B50 20K-LED



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www.lighting.philips.com 2022, August 23 - data subject to change