



# Essential SmartBright LED Downlight

## DN020B G3 LED12/NW 14W 220-240V D150 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
Fixation material	Steel

Optical cover/lens finish	Opal
Overall length	165 mm
Overall width	165 mm
Overall height	38 mm
Overall diameter	165 mm
Color	White
Dimensions (Height x Width x Depth)	38 x 165 x 165 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)	1200 lm
Initial LED luminaire efficacy	85.00 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	80
Initial chromaticity	(0.3818, 0.3797) 6
Initial input power	14 W

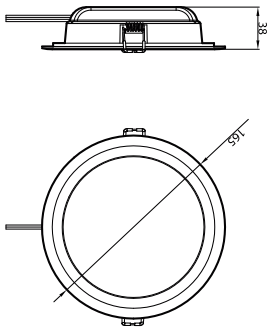
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Power consumption tolerance	+/-10%
<b>Over time performance (IEC compliant)</b>	
Driver failure rate at 5000 h	1.6 %
Median useful life L70B50	20000 h
<b>Application conditions</b>	
Ambient temperature range	-20 to +40 °C
<b>Product data</b>	
Full product code	871869977991700

Order product name	DN020B G3 LED12/NW 14W 220-240V D150 SNI
EAN/UPC - Product	8718699779917
Order code	929002512817
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	30
Material Nr. (12NC)	929002512817
Net Weight (Piece)	0.135 kg

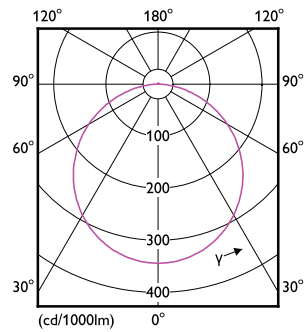
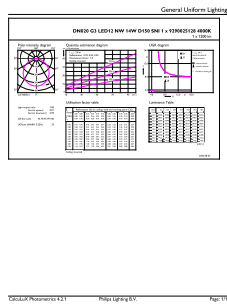


## Dimensional drawing



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## Photometric data

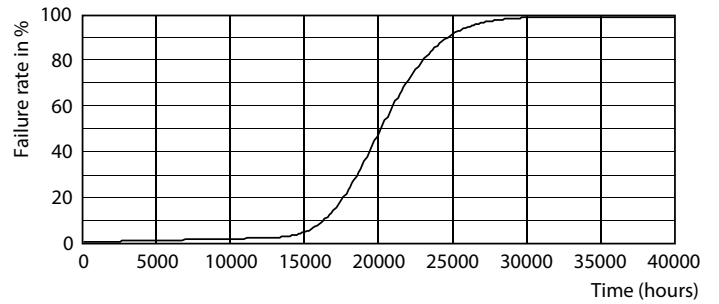
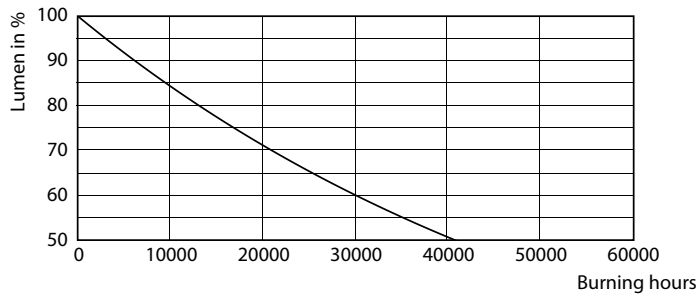


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## Lifetime



L70B50 20K-LMP

L70B50 20K-LED

