



# Essential SmartBright LED Downlight

## DN020B G3 LED9/NW 10.5W 220-240V D125 GM

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	
Lamp colour code	840 neutral white
Light source replaceable	No
Luminaire light beam spread	110°
Connection	Flying leads/wires
Protection class IEC	Safety class II (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

Stainless steel

Optical cover/lens finish	Frosted	
Overall length	165 mm	
Overall width	165 mm	
Overall height	38 mm	
Overall diameter	140 mm	
Colour	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)	900 lm	
Initial LED luminaire efficacy	85.00 lm/W	
Lamp colour temperature	4000 K	
Colour Rendering Index	80	
Initial chromaticity	(0.3818, 0.3797) 6	
Initial input power	10.5 W	

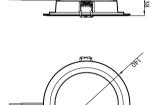
**Fixation material** 

## Essential SmartBright LED Downlight

Power consumption tolerance	+/-10%	Order product
		EAN/UPC – pr
Over time performance (IEC compliant)		Order code
Driver failure rate at 5,000 hours	1.6 %	SAP numerato
Median useful life L70B50	20000 h	Numerator – p
		SAP material
Application conditions		Net Weight (Pi
Ambient temperature range	-20 to +40 °C	
Product data		IK 03
Full product code	871869977921400	

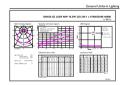
Order product name	DN020B G3 LED9/NW 10.5W 220-240V D125 GM
EAN/UPC – product	8718699779214
Order code	929002509508
SAP numerator - quantity per pack	1
Numerator – packs per outer box	30
SAP material	929002509508
Net Weight (Piece)	0.100 kg

### **Dimensional drawing**

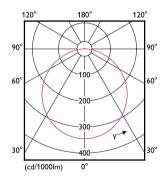


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#### Photometric data



Philips Lighting B.V

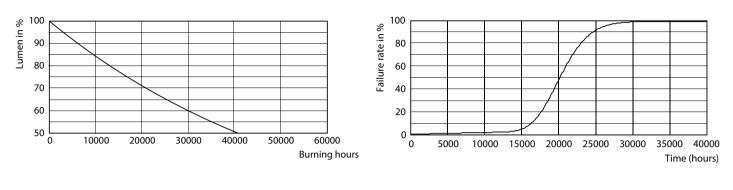


Downlight DN020 G3 NW 10,5W D150 GM

Downlight DN020 G3 NW 10,5W D125 GM

## Essential SmartBright LED Downlight

Lifetime



L70B50 20K-LMP

L70B50 20K-LED



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