



Essential SmartBright LED Downlight

DN020B G3 LED9/WW 10.5W 220-240V D150 GM

Essential SmartBright LED Downlight, 10.5 W, 850 lm, 3000 K, White

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		Input Frequency	
Light source replaceable	No		50 or 60 Hz
Lighting Technology	LED	Power Consumption	10.5 W
Value ladder	Value	Power Factor (Fraction)	0.5
Light Technical		Connection	Flying leads/wires
Luminous Flux	850 lm	Protection class IEC	Safety class II
Correlated Color Temperature (Nom)	3000 K	Controls and Dimming	
Luminous Efficacy (rated) (Nom)	80.00 lm/W	Dimmable	No
Color rendering index (CRI)	80	Mechanical and Housing	
Light source color	830 warm white	Housing Material	Plastic
Luminaire light beam spread	110°	Reflector material	Polycarbonate
Operating and Electrical		Optic material	Polycarbonate
Input Voltage	220 to 240 V	Fixation material	Stainless steel
Line Frequency	50 or 60 Hz	Housing Color	White
		Optical cover finish	Frosted

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Overall length	165 mm
Overall width	165 mm
Overall height	38 mm
Overall diameter	165 mm
Dimensions (Height x Width x Depth)	38 x 165 x 165 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	0.135 kg

Approval and Application

Ambient temperature range	-20 to +40 °C
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Initial Performance (IEC Compliant)

Initial chromaticity	(0.4339, 0.4033) 6
Power consumption tolerance	+/-10%

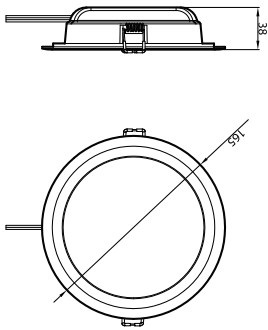
Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1.6 %
Median useful life L70B50	20,000 hour(s)

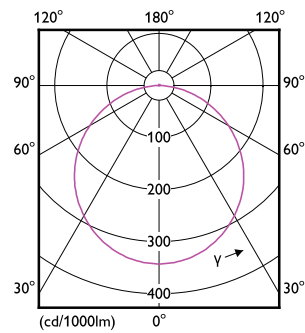
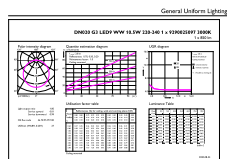
Product Data

Order product name	DN020B G3 LED9/WW 10.5W 220-240V D150 GM
Full product name	DN020B G3 LED9/WW 10.5W 220-240V D150 GM
Full product code	871869977925200
Order code	929002509708
Material Nr. (12NC)	929002509708
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699779252
Numerator - Packs per outer box	30
EAN/UPC - Case	8718699779269

Dimensional drawing



Photometric data

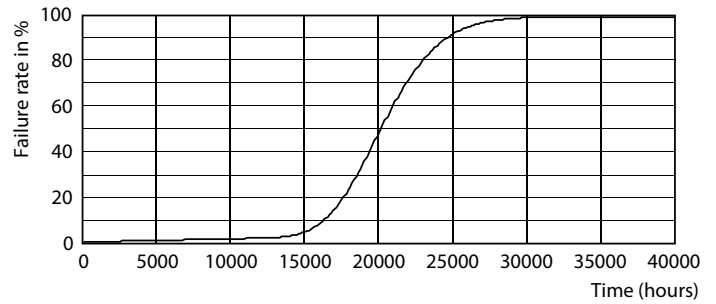
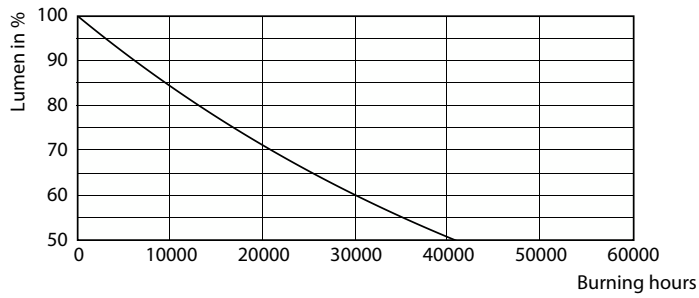


General uniform lighting - DN020B G3 LED9/WW 10.5W 220-240V D150 GM

Light Distribution Diagram - DN020B G3 LED9/WW 10.5W 220-240V D150 GM

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Lifetime



Lumen Maintenance Diagram - DN020B G3 LED9/WW 10.5W 220-240V
D150 GM

L70B50 20K-LED

