



Essential SmartBright LED Downlight

DN020B G3 LED3/CW 3.5W 220-240V D80 GM

Essential SmartBright LED Downlight, 3.5 W, 300 lm, 6500 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	3.5 W
Value ladder	Value	Power Factor (Fraction)	0.45
Light Technical		Connection	Flying leads/wires
Luminous Flux	300 lm	Protection class IEC	Safety class II
Correlated Color Temperature (Nom)	6500 K	Controls and Dimming	
Luminous Efficacy (rated) (Nom)	85.00 lm/W	Dimmable	No
Color rendering index (CRI)	80	Mechanical and Housing	
Light source color	865 cool daylight	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

Essential SmartBright LED Downlight

Overall length	105 mm
Overall width	105 mm
Overall height	33 mm
Overall diameter	90 mm
Dimensions (Height x Width x Depth)	33 x 105 x 105 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	0.048 kg

Approval and Application

Ambient temperature range	-20 to +40 °C
---------------------------	---------------

Initial Performance (IEC Compliant)

Initial chromaticity	(0.3123, 0.3283) 6
Power consumption tolerance	+/-10%

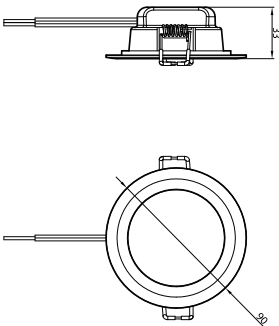
Over Time Performance (IEC Compliant)

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

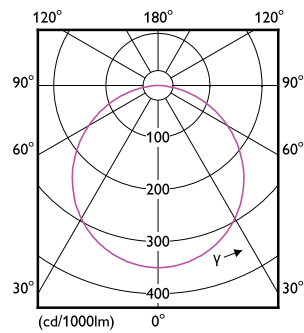
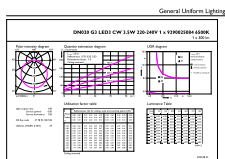
Product Data

Order product name	DN020B G3 LED3/CW 3.5W 220-240V D80 GM
Full product name	DN020B G3 LED3/CW 3.5W 220-240V D80 GM
Full product code	871869977899600
Order code	929002508408
Material Nr. (12NC)	929002508408
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699778996
Numerator - Packs per outer box	50
EAN/UPC - Case	8718699779009

Dimensional drawing



Photometric data

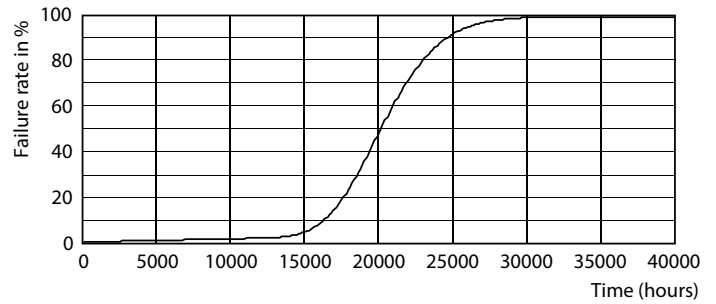
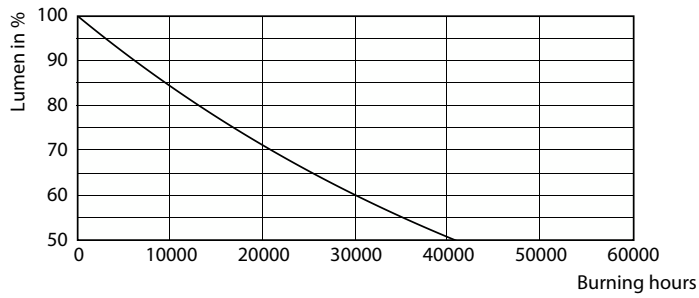


General uniform lighting - DN020B G3 LED3/CW 3.5W 220-240V D80 GM

Light Distribution Diagram - DN020B G3 LED3/CW 3.5W 220-240V D80 GM

Essential SmartBright LED Downlight

Lifetime



Lumen Maintenance Diagram - DN020B G3 LED3/CW 3.5W 220-240V D80
GM

L70B50 20K-LED

