



Essential SmartBright LED Downlight

DN020B G3 LED12/CW 14W 220-240V D150 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	
Light source replaceable	No
Lighting Technology	LED
Light Technical	
Luminous Flux	1,200 lumen
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	85.00 lm/W
Color rendering index (CRI)	80
Light source color	865 cool daylight
Luminaire light beam spread	110°
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Power Consumption	14 W
Power Factor (Fraction)	0.5
Connection	Flying leads/wires

Temperature		
Ambient temperature range	-20 to +40 °C	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Housing Material	Plastic	
Reflector material	Polycarbonate	
Optic material	Polycarbonate	
Fixation material	Stainless steel	
Housing Color	White	
Optical cover/lens finish	Frosted	
Overall length	90 mm	
Overall width	90 mm	
Overall height	38 mm	
Overall diameter	165 mm	
Dimensions (Height x Width x Depth)	38 x 90 x 90 mm	

Datasheet, 2023, June 2 data subject to change

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Approval and Application		
Ingress protection code	IP20 [Finger-protected]	
Mech. impact protection code	IK03 [0.3 J]	
Protection class IEC	Safety class II	
Initial Performance (IEC Com	pliant)	
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	
Full product code	871869977935100
Order product name	DN020B G3 LED12/CW 14W 220-240V D150 GM
Order code	929002510208
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	30
Material number (12NC)	929002510208
Full product name	DN020B G3 LED12/CW 14W 220-240V D150 GM
EAN/UPC - Case	8718699779368



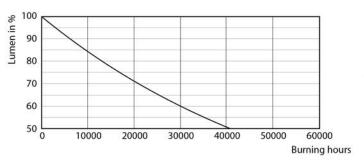
Dimensional drawing Photometric data Output Dimensional drawing Photometric data Output Dimensional drawing Output Dimensional drawing Dimensional

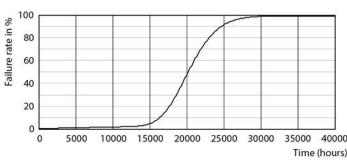
General uniform lighting - DNO20B G3 LED12/CW 14W 220-240V D150 GM

Light Distribution Diagram - DN020B G3 LED12/CW 14W 220-240V D150 GM

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Lifetime





Lumen Maintenance Diagram - DN020B G3 LED12/CW 14W 220-240V D150 Life Expectancy Diagram - DN020B G3 LED12/CW 14W 220-240V D150 GM GM



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