

# Essential SmartBright LED Downlight

## DN020B G3 LED15/WW 18W 220-240V D175 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		Optical cover/lens finish	
Light source color	830 warm white	Optical cover/lens finish	Opal
Light source replaceable	No	Overall length	225 mm
Luminaire light beam spread	110°	Overall width	225 mm
Connection	Flying leads/wires	Overall height	38 mm
Protection class IEC	Safety class II	Overall diameter	190 mm
Color		Color	White
Dimensions (Height x Width x Depth)		Dimensions (Height x Width x Depth)	38 x 225 x 225 mm
Operating and electrical		Approval and application	
Input Voltage	220 to 240 V	Ingress protection code	IP20 [ Finger-protected]
Input Frequency	50 or 60 Hz	Mech. impact protection code	IK03 [ 0.3 J]
Power Factor (Min)	0.5	Initial performance (IEC compliant)	
Controls and dimming		Initial luminous flux (system flux)	1450 lm
Dimmable	No	Initial LED luminaire efficacy	80.00 lm/W
Mechanical and housing		Init. Corr. Color Temperature	3000 K
Housing Material	Plastic	Init. Color Rendering Index	80
Reflector material	Polycarbonate	Initial chromaticity	(0.4339, 0.4033) 6
Optic material	Polycarbonate	Initial input power	18 W
Fixation material	Steel		

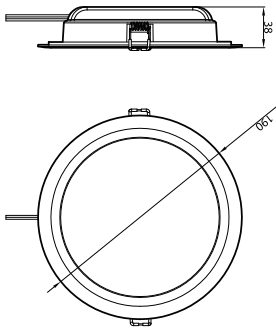
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Power consumption tolerance	+/-10%
<b>Over time performance (IEC compliant)</b>	
Driver failure rate at 5000 h	1.6 %
Median useful life L70B50	20000 h
<b>Application conditions</b>	
Ambient temperature range	-20 to +40 °C
<b>Product data</b>	
Full product code	871869977995500

Order product name	DN020B G3 LED15/WW 18W 220-240V D175 SNI
EAN/UPC - Product	8718699779955
Order code	929002513017
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	30
Material Nr. (12NC)	929002513017
Net Weight (Piece)	0.180 kg

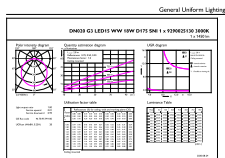


## Dimensional drawing

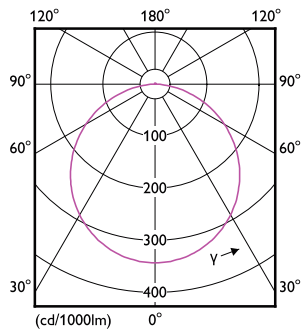


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## Photometric data



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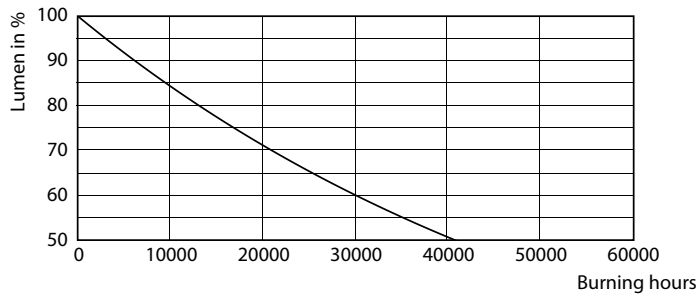


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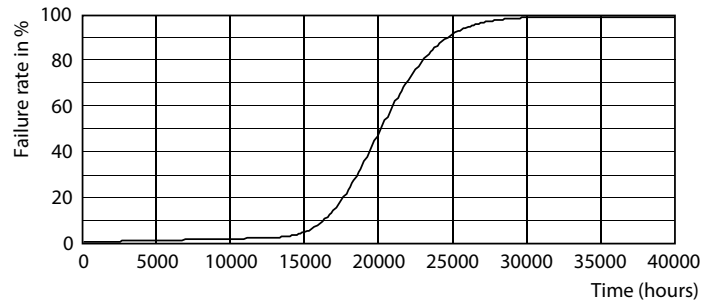
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## Lifetime



L70B50 20K-LMP



L70B50 20K-LED

