

# Essential SmartBright LED Downlight

## DN020B G3 LED15/CW 18W 220-240V D175 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	865 cool daylight
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
Fixation material	Stainless steel

Optical cover/lens finish	Frosted
Overall length	225 mm
Overall width	225 mm
Overall height	38 mm
Overall diameter	190 mm
Colour	White
Dimensions (height x width x depth)	38 x 225 x 225 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)	1500 lm
Initial LED luminaire efficacy	83.00 lm/W
Lamp colour temperature	6500 K
Colour Rendering Index	80
Initial chromaticity	(0.3123, 0.3283) 6
Initial input power	18 W

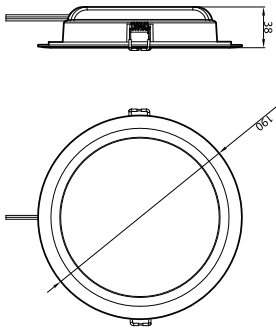
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Power consumption tolerance	+/-10%
<b>Over time performance (IEC compliant)</b>	
Driver failure rate at 5,000 hours	1.6 %
Median useful life L70B50	20000 h
<b>Application conditions</b>	
Ambient temperature range	-20 to +40 °C
<b>Product data</b>	
Full product code	871869977941200

Order product name	DN020B G3 LED15/CW 18W 220-240V D175 GM
EAN/UPC – product	8718699779412
Order code	929002510508
SAP numerator – quantity per pack	1
Numerator – packs per outer box	30
SAP material	929002510508
Net Weight (Piece)	0.180 kg

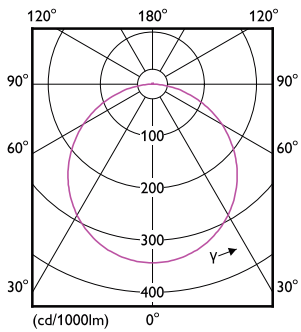


## Dimensional drawing

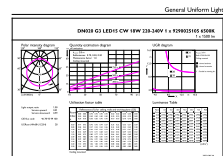


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## Photometric data



Downlight DN020 G3 CW 18W D175 GM

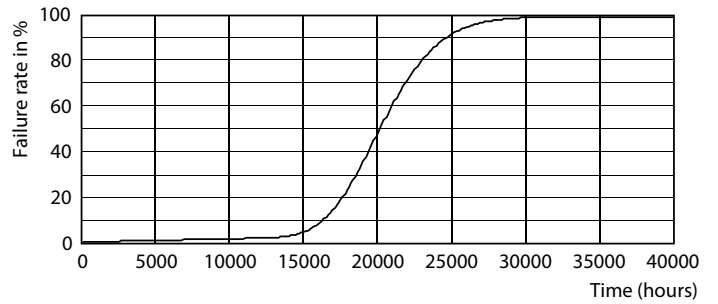
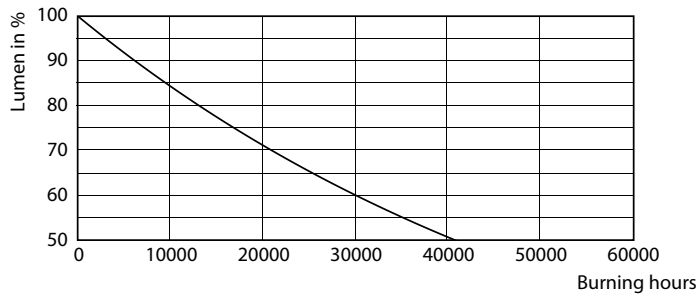


General Uniform Lighting

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## Lifetime



L70B50 20K-LMP

L70B50 20K-LED

