

# Essential SmartBright LED Downlight

## DN020B G3 LED6/NW 7W 220-240V D100 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	840 neutral white
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	140 mm
Overall width	140 mm
Overall height	33 mm
Overall diameter	115 mm
Colour	White
Dimensions (height x width x depth)	33 x 140 x 140 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)	600 lm
Initial LED luminaire efficacy	85.00 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	80
Initial chromaticity	(0.3818, 0.3797) 6
Initial input power	7 W

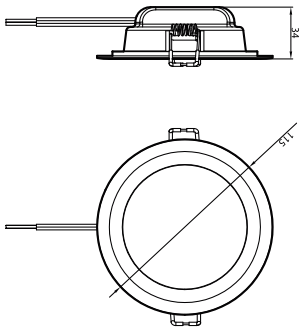
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Power consumption tolerance	+/-10%
<b>Over time performance (IEC compliant)</b>	
Driver failure rate at 5,000 hours	1.6 %
Median useful life L70B50	20000 h
<b>Application conditions</b>	
Ambient temperature range	-20 to +40 °C
<b>Product data</b>	
Full product code	871869977909200

Order product name	DN020B G3 LED6/NW 7W 220-240V D100 GM
EAN/UPC – product	8718699779092
Order code	929002508908
SAP numerator – quantity per pack	1
Numerator – packs per outer box	50
SAP material	929002508908
Net Weight (Piece)	0.067 kg

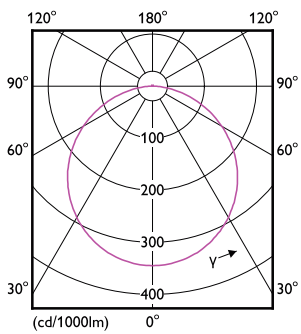


## Dimensional drawing

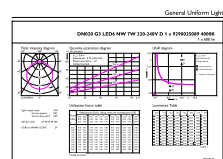


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## Photometric data



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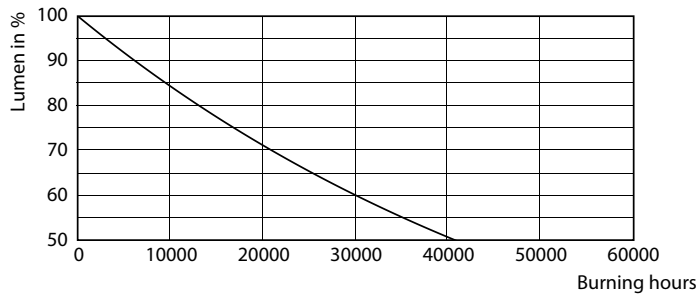


General Uniform Lighting  
 Downlight DN020 G3 NW 7W D100 GM  
 IK03 IK04 IK05 IK06 IK07 IK08 IK09 IK10 IK11 IK12 IK13 IK14 IK15 IK16 IK17 IK18 IK19 IK20 IK21 IK22 IK23 IK24 IK25 IK26 IK27 IK28 IK29 IK30 IK31 IK32 IK33 IK34 IK35 IK36 IK37 IK38 IK39 IK40 IK41 IK42 IK43 IK44 IK45 IK46 IK47 IK48 IK49 IK50 IK51 IK52 IK53 IK54 IK55 IK56 IK57 IK58 IK59 IK60 IK61 IK62 IK63 IK64 IK65 IK66 IK67 IK68 IK69 IK70 IK71 IK72 IK73 IK74 IK75 IK76 IK77 IK78 IK79 IK80 IK81 IK82 IK83 IK84 IK85 IK86 IK87 IK88 IK89 IK90 IK91 IK92 IK93 IK94 IK95 IK96 IK97 IK98 IK99 IK100  
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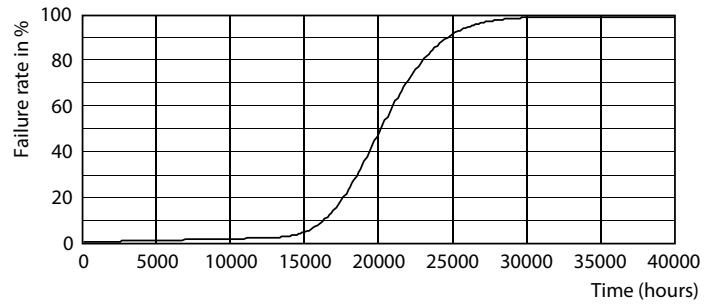
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## Lifetime



L70B50 20K-LMP



L70B50 20K-LED

