



# Essential SmartBright LED Downlight

## DN020B G3 LED20/CW 23W 220-240V D200 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	865 cool daylight	Optical cover/lens finish	Opal
Light source replaceable	No	Overall length	190 mm
Luminaire light beam spread	110°	Overall width	190 mm
Connection	Flying leads/wires	Overall height	38 mm
Protection class IEC	Safety class II	Overall diameter	225 mm
		Color	White
		Dimensions (Height x Width x Depth)	38 x 190 x 190 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		
Controls and dimming		Initial performance (IEC compliant)	
Dimmable	No	Initial luminous flux (system flux)	2000 lm
		Initial LED luminaire efficacy	86.00 lm/W
Mechanical and housing		Init. Corr. Color Temperature	6500 K
Housing Material	Plastic	Init. Color Rendering Index	80
Reflector material	Polycarbonate	Initial chromaticity	(0.3123, 0.3283) 6
Optic material	Polycarbonate	Initial input power	23 W
Fixation material	Steel		

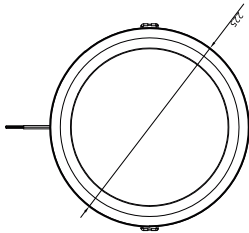
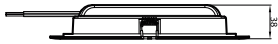
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Power consumption tolerance	+/-10%
<b>Over time performance (IEC compliant)</b>	
Driver failure rate at 5000 h	1.6 %
Median useful life L70B50	20000 h
<b>Application conditions</b>	
Ambient temperature range	-20 to +40 °C
<b>Product data</b>	
Full product code	871869978005000

Order product name	DN020B G3 LED20/CW 23W 220-240V D200 SNI
EAN/UPC - Product	8718699780050
Order code	929002513517
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	30
Material Nr. (12NC)	929002513517
Net Weight (Piece)	0.235 kg

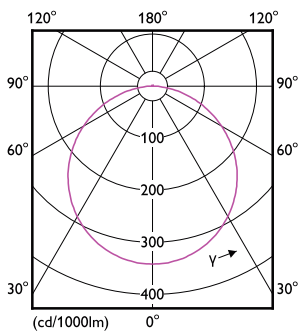


## Dimensional drawing

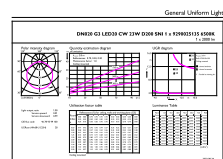


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## Photometric data



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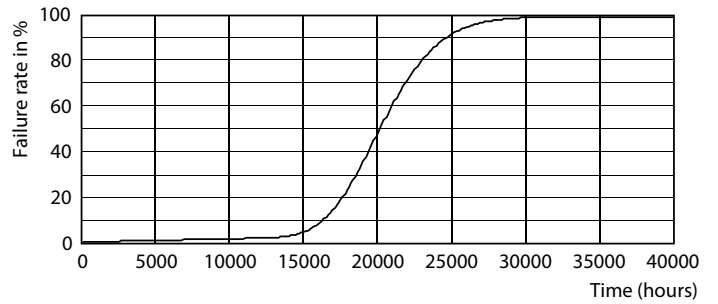
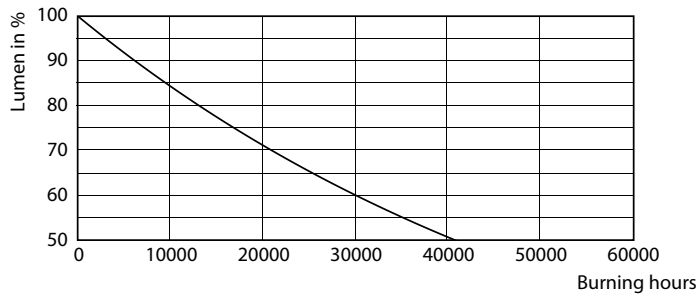


General Uniform Lighting  
DN020-G3 LED20 CW 23W D200 SNI + 929002513517 SNI  
IK03 IK04 IK05 IK06 IK07 IK08 IK09 IK10 IK11 IK12 IK13 IK14 IK15 IK16 IK17 IK18 IK19 IK20 IK21 IK22 IK23 IK24 IK25 IK26 IK27 IK28 IK29 IK30 IK31 IK32 IK33 IK34 IK35 IK36 IK37 IK38 IK39 IK40 IK41 IK42 IK43 IK44 IK45 IK46 IK47 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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## Lifetime



L70B50 20K-LMP

L70B50 20K-LED

