Essential SmartBright LED Downlight

DN020B G3 LED6/NW 7W 220-240V D125 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 color	840 neutral white
Light source replaceable	No
Luminaire light beam spread	110°
Connection	Flying leads/wires
Protection class IEC	Safety class 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	38 mm
Overall diameter	140 mm
Color	White
Dimensions (Height x Width x Depth)	38 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
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	80
Initial chromaticity	(0.3818, 0.3797) 6
Initial input power	7 W

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Power consumption tolerance	+/–10%

Over time performance (IEC compliant)

Driver failure rate at 5000 h	1.6 %
Median useful life L70B50	20000 h

Application conditions

Ambient temperature range	–20 to +40 °C

Product data

Full product code	871869977915300

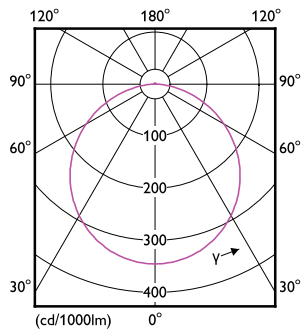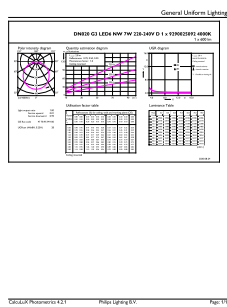|	
Order product name	DN020B G3 LED6/NW 7W 220–240V D125 GM
EAN/UPC – Product	8718699779153
Order code	929002509208
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	30
Material Nr. (12NC)	929002509208
Net Weight (Piece)	0.100 kg

IK 03

Dimensional drawing
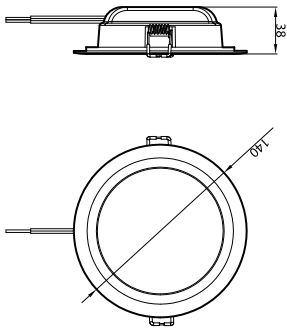
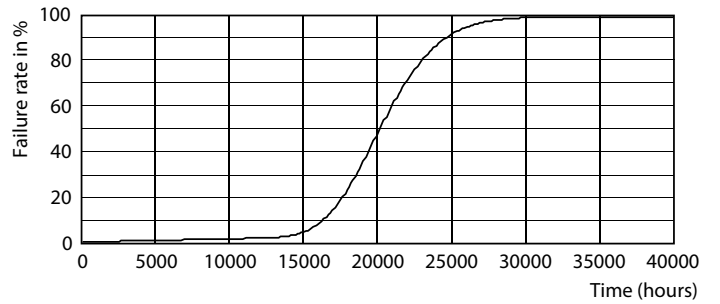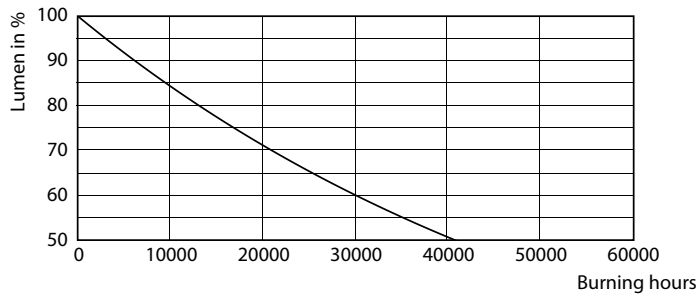**DN020B G3 LED6/NW 7W 220–240V D125 GM**

Photometric data

Downlight DN020 G3 NW 7W D125 GM

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Lifetime

L70B50 20K-LMP

L70B50 20K-LED