



# Essential SmartBright LED Downlight

## DN020B G4 LED9/NW 10.5W 220-240V D125

Essential SmartBright LED Downlight, 10.5 W, 900 lm, 4000 K, Beam angle 110°, White

Plastic, White, Power supply unit, 900 lm, 10.5 W, 85 lm/W, 4000 K, (X=, 0.3839 ; Y=, 0.3843) 5SDCM, Beam angle 110°, Frosted, Polycarbonate, IP20 | Finger-protected, IK03 | 0.3 J, Safety class II, Flying leads/wires

### Product data

General Information		Operating and Electrical	
Light source replaceable	No	Input Voltage	220 to 240 V
Number of gear units	1 unit	Input Frequency	50 or 60 Hz
Driver included	Yes	Inrush time	0.13 ms
Switching Cycle	10,000	Power Consumption	10.5 W
Warranty period	1 years	Power Factor (Fraction)	0.5
Light Technical		Connection	Flying leads/wires
Luminous Flux	900 lm	Cable	Cable without plug 2-pole
Correlated Color Temperature (Nom)	4000 K	Suitable for random switching	Not applicable
Luminous Efficacy (rated) (Nom)	85 lm/W	Protection class IEC	Safety class II
Color rendering index (CRI)	80	Controls and Dimming	
Light source color	840 neutral white	Dimmable	No
Optic type	Beam angle 110°	Driver/power unit/transformer	Power supply unit
Luminaire light beam spread	100°	Constant light output	No
Photobiological safety according to EN 62471	RG0	Mechanical and Housing	
		Housing Material	Plastic

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Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Frosted
Overall height	35 mm
Overall diameter	140 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	0.086 kg

## Approval and Application

Insulation Coverage Rating	Non IC Rating
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
EU RoHS compliant	Yes
EyeComfort	Yes
Ambient temperature range	-20 °C to 40 °C

## Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Initial chromaticity	(X=, 0.3839 ; Y=, 0.3843) 5SDCM
Power consumption tolerance	+/-10%

## Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1.2
Median useful life L70B50	20,000 hour(s)

## Product Data

Order product name	DN020B G4 LED9/NW 10.5W 220-240V D125
Full product name	DN020B G4 LED9/NW 10.5W 220-240V D125
Full product code	871869977979500
Order code	929003279317
Material Nr. (12NC)	929003279317
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699779795
Numerator - Packs per outer box	30
EAN/UPC - Case	8718699779801

## Dimensional drawing



