



Essential SmartBright LED Downlight

DN200 G3 LED9 830 10.5W D125 CN

Essential SmartBright LED Downlight, 10.5 W, 850 lm, 3000 K, Matt optic decorative, White

Plastic, White, Power supply unit (On/Off), 850 lm, 10.5 W, 80 lm/W, 3000 K, (X=, 0.4377 ; Y=, 0.4055) 5SDCM, Matt optic decorative, Opal, Polycarbonate, IP20 | Finger-protected, IK03 | 0.3 J, Safety class II, Flying leads/wires

Product data

General Information		Electrical	
Light source replaceable	No	Line Frequency	50 or 60 Hz
Number of gear units	1 unit	Input Frequency	50 or 60 Hz
Driver included	Yes	Inrush time	0.13 ms
Lighting Technology	LED	Power Consumption	10.5 W
Warranty period	1 years	Power Factor (Fraction)	0.5
Light Technical		Connection	Flying leads/wires
Luminous Flux	850 lm	Cable	2×0.75mm ²
Correlated Color Temperature (Nom)	3000 K	Suitable for random switching	Not applicable
Luminous Efficacy (rated) (Nom)	80 lm/W	Protection class IEC	Safety class II
Color rendering index (CRI)	80	Controls and Dimming	
Light source color	830 warm white	Dimmable	No
Optic type	Matt optic decorative	Driver/power unit/transformer	Power supply unit (On/Off)
Luminaire light beam spread	100°	Constant light output	No
Operating and Electrical		Mechanical and Housing	
Input Voltage	220 to 240 V	Housing Material	Plastic
		Reflector material	-

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Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Opal
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

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

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Initial chromaticity	(X=, 0.4377 ; Y=, 0.4055) 5SDCM
Power consumption tolerance	+/-10%

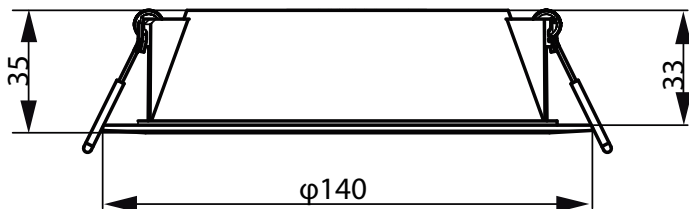
Over Time Performance (IEC Compliant)

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

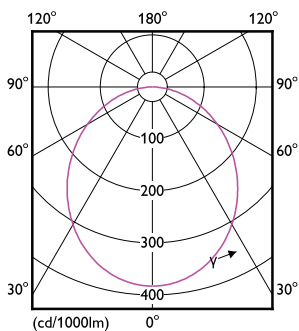
Product Data

Order product name	DN200 G3 LED9 830 10.5W D125 CN
Full product name	DN200 G3 LED9 830 10.5W D125 CN
Full product code	694783049613600
Order code	929003271010
Material Nr. (12NC)	929003271010
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6947830496136
Numerator - Packs per outer box	30
EAN/UPC - Case	6947830496143

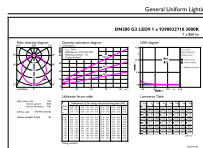
Dimensional drawing



Photometric data



Light Distribution Diagram - DN200 G3 LED9 830 10.5W D125 CN



General uniform lighting - DN200 G3 LED9 830 10.5W D125 CN

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