Essential SmartBright LED Downlight

DN200 G3 LED12 830 13W D150 CN

Essential SmartBright LED Downlight, 13 W, 1150 lm, 3000 K, Matt optic decorative, White

Plastic, White, Power supply unit (On/Off), 1150 lm, 13 W, 88 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	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Lighting Technology	LED
Warranty period	1 years

Light Technical	
Luminous Flux	1,150 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	88 lm/W
Color rendering index (CRI)	80
Light source color	830 warm white
Optic type	Matt optic decorative
Luminaire light beam spread	100°

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Inrush time	0.12 ms
Power Consumption	13 W
Power Factor (Fraction)	0.5
Connection	Flying leads/wires
Cable	2×0.75mm²
Suitable for random switching	Not applicable
Protection class IEC	Safety class II

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing	
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	165 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	0.117 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%
Initial chromaticity	(X=, 0.4377 ; Y=, 0.4055) 5SDCM
Power consumption tolerance	+/-10%

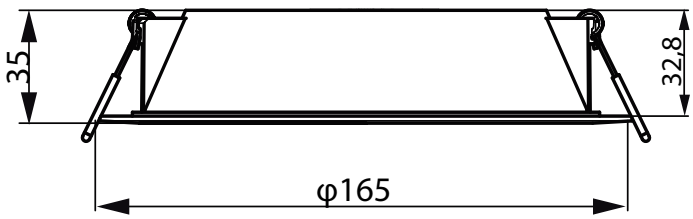
Over Time Performance (IEC Compliant)

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

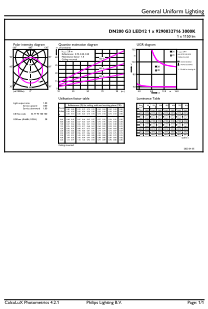
Product Data

Order product name	DN200 G3 LED12 830 13W D150 CN
Full product name	DN200 G3 LED12 830 13W D150 CN
Full product code	694783049625900
Order code	929003271610
Material Nr. (12NC)	929003271610
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6947830496259
Numerator - Packs per outer box	30
EAN/UPC - Case	6947830496266

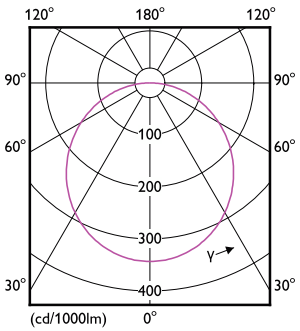
Dimensional drawing



Photometric data



General uniform lighting - DN200 G3 LED12 830 13W D150 CN



Light Distribution Diagram - DN200 G3 LED12 830 13W D150 CN

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2025, July 18 - data subject to change