PHILIPS

DN200 G3 LED4 840 4.5W D90 CN

929003269910



Essential SmartBright LED Downlight, 4.5 W, 400 lm, 4000 K, Matt optic decorative, White

Plastic, White, Power supply unit (On/Off), 400 lm, 4.5 W, 88 lm/W, 4000 K, (X=, 0.3863 ; Y=, 0.3863) 5SDCM, Matt optic decorative, Opal, Polycarbonate, IP20 | Finger-protected, IK03 | 0.3 J, Safety class II, Flying leads/wires

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	400 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	88 lm/W
Color rendering index (CRI)	80
Light source color	840 neutral 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	4.5 W
Power Factor (Fraction)	0.45
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

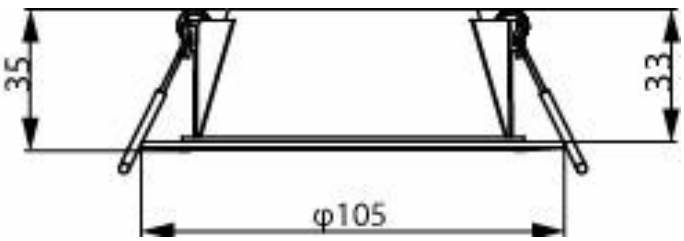
Mechanical and Housing

Housing Material	Plastic
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Opal
Overall height	35 mm
Overall diameter	105 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	0.054 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

Dimensional drawing



Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(X=, 0.3863 ; Y=, 0.3863) 5SDCM
Power consumption tolerance	+/-10%

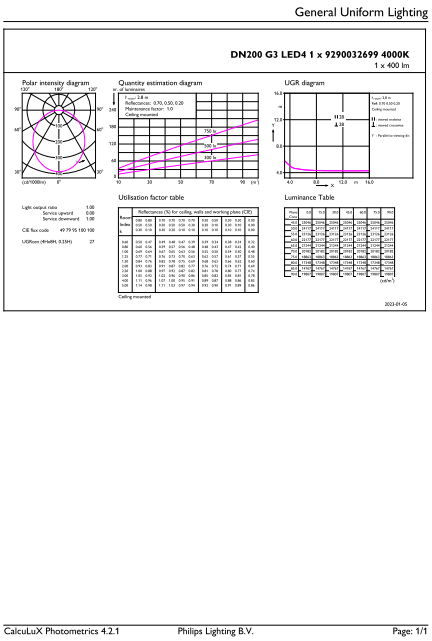
Over Time Performance (IEC Compliant)

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

Product Data

Order product name	DN200 G3 LED4 840 4.5W D90 CN
Full product name	DN200 G3 LED4 840 4.5W D90 CN
Full product code	694783049591700
Order code	929003269910
Material Nr. (12NC)	929003269910
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6947830495917
Numerator - Packs per outer box	50
EAN/UPC - Case	6947830495924

Photometric data


General Uniform Lighting

DN200 G3 LED4 1 x 9290032699 4000K
1 x 400 lm

Polar intensity diagram

Quantity estimation diagram

UGR diagram

Utilisation factor table

Luminance Table

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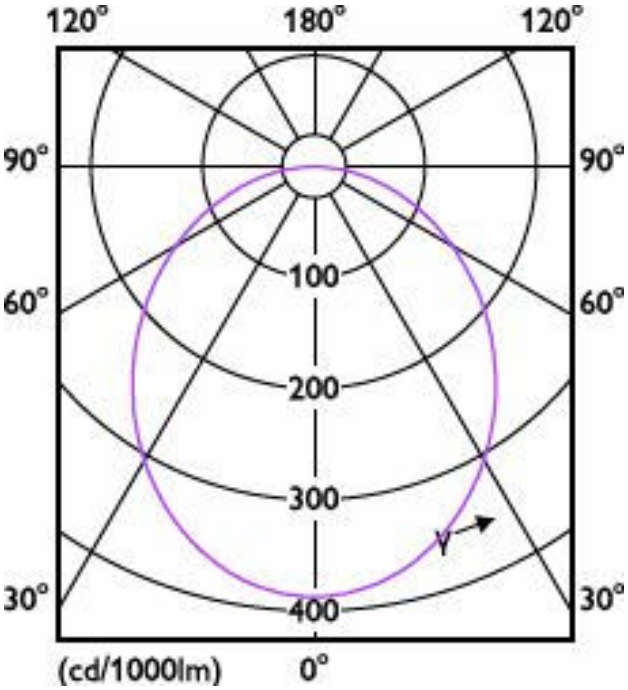
General uniform lighting - DN200 G3 LED4 840 4.5W D90 CN



Light Distribution Diagram - DN200 G3 LED4 840 4.5W D90 CN

Related Documents

Photometry and lighting design	Document Name	Download
IES File	DN200_G3_LED4_840_4,5W_D90_CN-IES.ies	Download

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