



Essential SmartBright LED Downlight

DN200 G3 LED6 840 6W D90 CN

Essential SmartBright LED Downlight, 6 W, 600 lm, 4000 K, Matt optic decorative, White

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

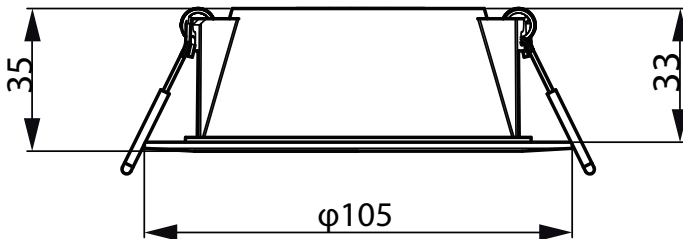
General Information		Operating and Electrical	
Light source replaceable	No	Input Voltage	220 to 240 V
Number of gear units	1 unit	Line Frequency	50 or 60 Hz
Driver included	Yes	Input Frequency	50 or 60 Hz
Lighting Technology	LED	Inrush time	0.12 ms
Warranty period	1 years	Power Consumption	6 W
Light Technical		Power Factor (Fraction)	0.5
Luminous Flux	600 lm	Connection	Flying leads/wires
Correlated Color Temperature (Nom)	4000 K	Cable	2x0.75mm ²
Luminous Efficacy (rated) (Nom)	100 lm/W	Suitable for random switching	Not applicable
Color rendering index (CRI)	80	Protection class IEC	Safety class II
Light source color	840 neutral white	Controls and Dimming	
Optic type	Matt optic decorative	Dimmable	No
Luminaire light beam spread	100°	Driver/power unit/transformer	Power supply unit (On/Off)

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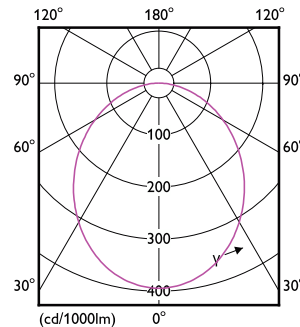
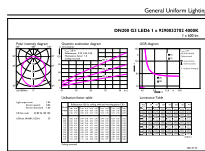
Constant light output	No
Mechanical and Housing	
Housing Material	Plastic
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Opal
Overall height	35 mm
Overall diameter	105 mm
Ingress protection code	IP20 [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

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 LED6 840 6W D90 CN
Full product name	DN200 G3 LED6 840 6W D90 CN
Full product code	694783049597900
Order code	929003270210
Material Nr. (12NC)	929003270210
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6947830495979
Numerator - Packs per outer box	50
EAN/UPC - Case	6947830495986

Dimensional drawing



Photometric data



General uniform lighting - DN200 G3 LED6 840 6W D90 CN

Light Distribution Diagram - DN200 G3 LED6 840 6W D90 CN

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