Essential SmartBright LED Downlight

DN027C G3 LED9/CW 9W 220-240V D150

Essential SmartBright LED Downlight, 9 W, 950 lm, 6500 K, Beam angle 110°, 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

Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Lighting Technology	LED
Value ladder	Value
Warranty period	3 years

Light Technical

Luminous Flux	950 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	105.00 lm/W
Color rendering index (CRI)	80
Light source color	865 cool daylight
Optic type	Beam angle 110°

Luminaire light beam spread	110°

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Inrush current	2.25 A
Inrush time	0.101 ms
Power Consumption	9 W
Power Factor (Fraction)	0.9
Cable	Cable 0.2 m without plug
Number of products on MCB of 16 A type B	86
Suitable for random switching	No
Protection class IEC	Safety class II

data subject to change

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Controls and Dimming

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

Mechanical and Housing

Housing Material	Metal–Plastic
Reflector material	–
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Matte
Overall length	150 mm
Overall width	150 mm
Overall height	27 mm
Overall diameter	150 mm
Dimensions (Height x Width x Depth)	27 x 150 x 150 mm
Ingress protection code	IP20/40 [Finger-protected;Wire-protected]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	0.285 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
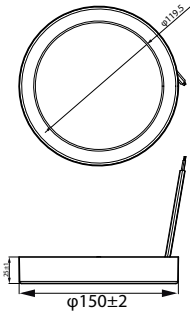
EU RoHS compliant

EU RoHS compliant	Yes
Ambient temperature range	–20 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(IEC6500K, 0.313, 0.337) < 5SDCM
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.012 %
Median useful life L70B50	30,000 hour(s)

Product Data

Order product name	DN027C G3 LED9/CW 9W 220-240V D150
Full product name	DN027C G3 LED9/CW 9W 220-240V D150
Full product code	871951435103500
Order code	929002675938
Material Nr. (12NC)	929002675938
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8719514351035
Numerator – Packs per outer box	24
EAN/UPC – Case	8719514351042

Dimensional drawing

φ150±2

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Photometric data
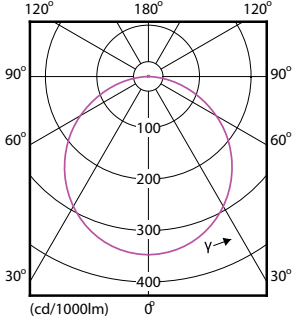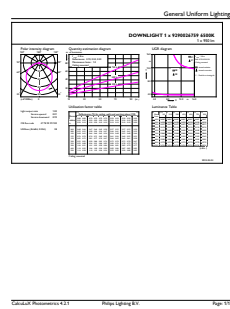
General uniform lighting – DN027C G3 LED9/CW 9W 220-240V D150

Light Distribution Diagram – DN027C G3 LED9/CW 9W 220-240V D150