



Essential SmartBright LED Downlight

DN027C G3 LED12/CW 12W 220-240V D175

Essential SmartBright LED Downlight, 12 W, 1300 lm, 6500 K, Beam angle 110°, White

Metal-Plastic, White, Power supply unit (On/Off), 1300 lm, 12 W, 108.00 lm/W, 6500 K, (IEC6500K, 0.313, 0.337) < 5SDCM, Beam angle 110°, Matte, Polycarbonate, IP20/40 | Finger-protected;Wire-protected, IK03 | 0.3 J, Safety class II

Product data

General Information		Line Frequency	
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 current	3.85 A
Lighting Technology	LED	Inrush time	0.101 ms
Warranty period	3 years	Power Consumption	12 W
Light Technical		Power Factor (Fraction)	0.9
Luminous Flux	1,300 lm	Cable	Cable 0.2 m without plug
Correlated Color Temperature (Nom)	6500 K	Number of products on MCB of 16 A type B	74
Luminous Efficacy (rated) (Nom)	108.00 lm/W	Suitable for random switching	No
Color rendering index (CRI)	80	Protection class IEC	Safety class II
Light source color	865 cool daylight	Controls and Dimming	
Optic type	Beam angle 110°	Dimmable	No
Luminaire light beam spread	110°	Driver/power unit/transformer	Power supply unit (On/Off)
Operating and Electrical		Constant light output	No
Input Voltage	220 to 240 V	Mechanical and Housing	
		Housing Material	Metal-Plastic

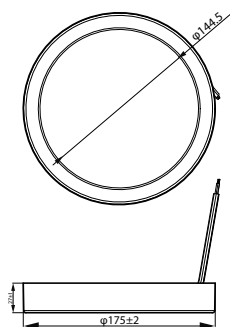
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Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Matte
Overall length	175 mm
Overall width	175 mm
Overall height	27 mm
Overall diameter	175 mm
Dimensions (Height x Width x Depth)	27 x 175 x 175 mm
Ingress protection code	IP20/40 [Finger-protected;Wire-protected]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	0.380 kg

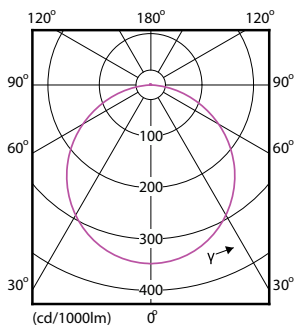
Approval and Application

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



Photometric data



Light Distribution Diagram - DN027C G3 LED12/CW 12W 220-240V D175

Initial Performance (IEC Compliant)

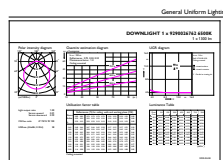
Luminous flux tolerance	+/-10%
Initial chromaticity	(IEC6500K, 0.313, 0.337) < 5SDCM
Power consumption tolerance	+/-10%

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 LED12/CW 12W 220-240V D175
Full product name	DN027C G3 LED12/CW 12W 220-240V D175
Full product code	871951435109700
Order code	35109700
Material Nr. (12NC)	929002676238
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514351097
Numerator - Packs per outer box	24
EAN/UPC - Case	8719514351103



General uniform lighting - DN027C G3 LED12/CW 12W 220-240V D175

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