

PHILIPS**Lighting**

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

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.

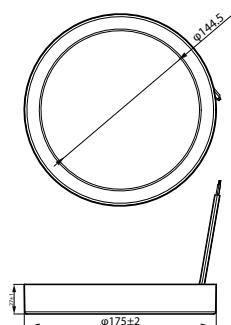
Product data

General Information		Luminaire light beam spread	110°
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		Operating and Electrical	
Luminous Flux	1,300 lm	Input Voltage	220 to 240 V
Correlated Color Temperature (Nom)	6500 K	Line Frequency	50 or 60 Hz
Luminous Efficacy (rated) (Nom)	108.00 lm/W	Input Frequency	50 or 60 Hz
Color rendering index (CRI)	80	Inrush current	3.85 A
Light source color	865 cool daylight	Inrush time	0.101 ms
Optic type	Beam angle 110°	Power Consumption	12 W
		Power Factor (Fraction)	0.9
		Cable	Cable 0.2 m without plug
		Number of products on MCB of 16 A type B	74
		Suitable for random switching	No
		Protection class IEC	Safety class II

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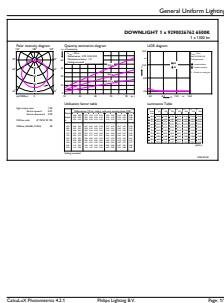
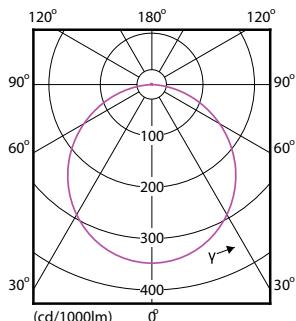
Controls and Dimming		EU RoHS compliant	Yes
Dimmable	No	Ambient temperature range	-20 to +40 °C
Driver/power unit/transformer	Power supply unit (On/Off)		
Constant light output	No		
Mechanical and Housing			Initial Performance (IEC Compliant)
Housing Material	Metal–Plastic	Luminous flux tolerance	+/-10%
Reflector material	-	Initial chromaticity	(IEC6500K, 0.313, 0.337) < 5SDCM
Optic material	Polycarbonate	Power consumption tolerance	+/-10%
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			Product Data
Glow-wire test	Temperature 650 °C, duration 30 s	Order product name	DN027C G3 LED12/CW 12W 220-240V D175
Flammability mark	For mounting on normally flammable surfaces	Full product name	DN027C G3 LED12/CW 12W 220-240V D175
		Full product code	871951435109700
		Order code	929002676238
		Material Nr. (12NC)	929002676238
		Numerator - Quantity Per Pack	1
		EAN/UPC - Product/Case	8719514351097
		Numerator - Packs per outer box	24
		EAN/UPC - Case	8719514351103

Dimensional drawing



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Photometric data



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

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

