

PHILIPS**Lighting**

Essential SmartBright LED Downlight

DN027C G3 LED20/CW 19W 220-240V D225

Essential SmartBright LED Downlight, 19 W, 2100 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

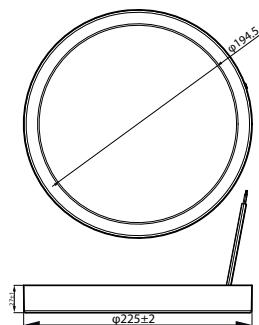
General Information		Luminaire light beam spread	110°
Light source replaceable	No		
Number of gear units	1 unit		
Driver included	Yes		
Lighting Technology	LED		
Value ladder	Value		
Warranty period	3 years		
Light Technical		Operating and Electrical	
Luminous Flux	2,100 lm	Input Voltage	220 to 240 V
Correlated Color Temperature (Nom)	6500 K	Line Frequency	50 or 60 Hz
Luminous Efficacy (rated) (Nom)	110.00 lm/W	Input Frequency	50 or 60 Hz
Color rendering index (CRI)	80	Inrush current	4.92 A
Light source color	865 cool daylight	Inrush time	0.115 ms
Optic type	Beam angle 110°	Power Consumption	19 W
		Power Factor (Fraction)	0.9
		Cable	Cable 0.2 m without plug
		Number of products on MCB of 16 A type B	55
		Suitable for random switching	No
		Protection class IEC	Safety class II

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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	225 mm
Overall width	225 mm
Overall height	27 mm
Overall diameter	225 mm
Dimensions (Height x Width x Depth)	27 x 225 x 225 mm
Ingress protection code	IP20/40 [Finger-protected;Wire-protected]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	0.580 kg
Approval and Application	
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces

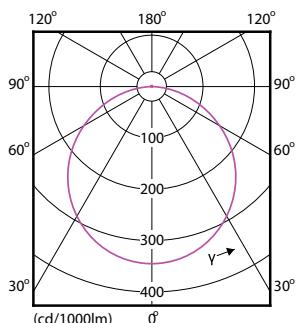
EU RoHS compliant	Yes
Ambient temperature range	-20 to +40 °C
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(IEC6500K, 0.313, 0.337) < 5SDCM
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	0.012 %
Median useful life L70B50	30,000 hour(s)
Product Data	
Order product name	DN027C G3 LED20/CW 19W 220-240V D225
Full product name	DN027C G3 LED20/CW 19W 220-240V D225
Full product code	871951435121900
Order code	929002676838
Material Nr. (12NC)	929002676838
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514351219
Numerator - Packs per outer box	24
EAN/UPC - Case	8719514351226

Dimensional drawing

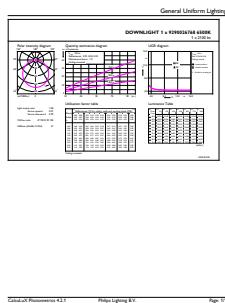


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Photometric data



Light Distribution Diagram - DN027C G3 LED20/CW 19W 220-240V D225



General uniform lighting - DN027C G3 LED20/CW 19W 220-240V D225

