



# Essential SmartBright LED Downlight

## DN027C G3 LED15/CW 15W 220-240V D200

Essential SmartBright LED Downlight, 15 W, 1600 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.

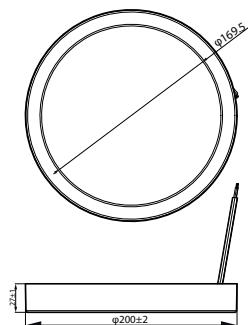
### Product data

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	1,600 lm	Input Voltage	220 to 240 V
Correlated Color Temperature (Nom)	6500 K	Line Frequency	50 or 60 Hz
Luminous Efficacy (rated) (Nom)	106.00 lm/W	Input Frequency	50 or 60 Hz
Color rendering index (CRI)	80	Inrush current	4.35 A
Light source color	865 cool daylight	Inrush time	0.1 ms
Optic type	Beam angle 110°	Power Consumption	15 W
		Power Factor (Fraction)	0.9
		Cable	Cable 0.2 m without plug
		Number of products on MCB of 16 A type B	64
		Suitable for random switching	No
		Protection class IEC	Safety class II

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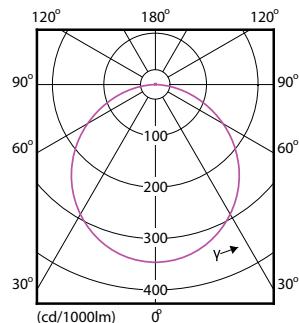
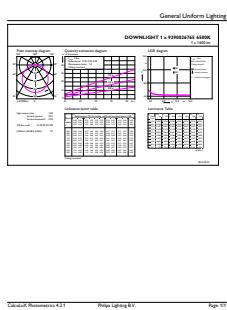
Controls and Dimming		EU RoHS compliant	Yes
Dimmable	No	Ambient temperature range	-20 to +40 °C
Driver/power unit/transformer	Power supply unit (On/Off)		
Constant light output	No		
Mechanical and Housing			Initial Performance (IEC Compliant)
Housing Material	Metal–Plastic	Luminous flux tolerance	+/-10%
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	200 mm		
Overall width	200 mm		
Overall height	27 mm		
Overall diameter	200 mm		
Dimensions (Height x Width x Depth)	27 x 200 x 200 mm		
Ingress protection code	IP20/40 [Finger-protected;Wire-protected]		
Mech. impact protection code	IK03 [0.3 J]		
Net Weight (Piece)	0.475 kg		
Approval and Application			Over Time Performance (IEC Compliant)
Glow-wire test	Temperature 650 °C, duration 30 s	Driver failure rate at 5000 h	0.012 %
Flammability mark	For mounting on normally flammable surfaces	Median useful life L70B50	30,000 hour(s)

## Dimensional drawing



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## Photometric data



General uniform lighting - DN027C G3 LED15/CW 15W 220-240V D200

Light Distribution Diagram - DN027C G3 LED15/CW 15W 220-240V D200

