



Essential SmartBright LED Downlight

DN027B G3 LED12/WW 12W 220-240V D150 KSA

Essential SmartBright LED Downlight, 12 W, 1200 lm, 3000 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
Warranty period	3 years
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	1,200 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	80

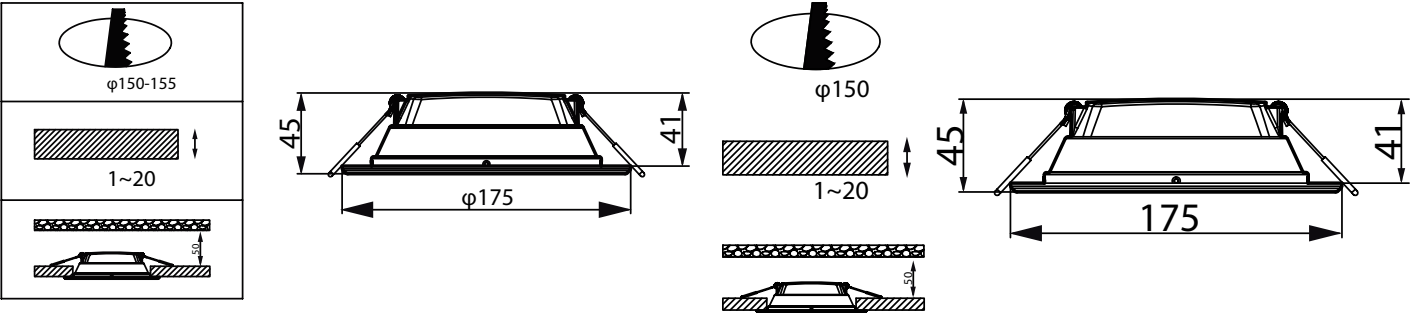
Light source color	830 warm white
Optic type	Beam angle 110°
Luminaire light beam spread	110°
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Inrush current	3.85 A
Inrush time	0.101 ms
Power Consumption	12 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 0.2 m without plug
Number of products on MCB of 16 A type B 74	

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Temperature	
Ambient temperature range	-20 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing Material	Metal
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Matte
Overall height	45 mm
Overall diameter	175 mm
Approval and Application	
Ingress protection code	IP20/40 [Finger-protected, Emitting surface]
Mech. impact protection code	IK03 [0.3 J]
Protection class IEC	Safety class II
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

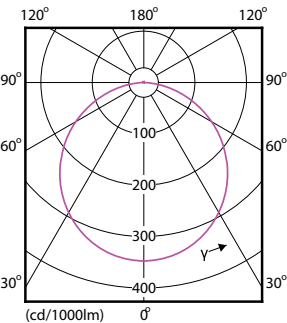
Initial chromaticity	(IEC3000K, 0.44, 0.403) < 5SDCM
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	0.012 %
Median useful life L70B50	30,000 hour(s)
Application Conditions	
Suitable for random switching	No
Product Data	
Order product name	DN027B G3 LED12/WW 12W 220-240V D150 KSA
Full product name	DN027B G3 LED12/WW 12W 220-240V D150 KSA
Full product code	871951449873000
Order code	929002673322
Material Nr. (12NC)	929002673322
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514498730
Numerator - Packs per outer box	15
EAN/UPC - Case	8719514498747

Dimensional drawing

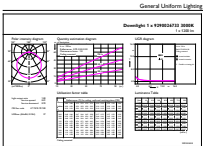


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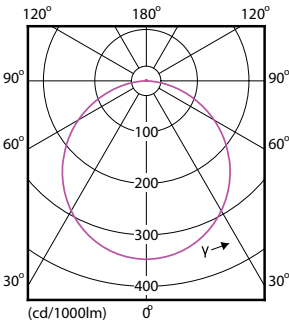
Photometric data



Light Distribution Diagram – DN027B G3 LED12/WW 12W 220-240V D150 KSA



General uniform lighting – DN027B G3 LED12/WW 12W 220-240V D150 KSA



Light Distribution Diagram – DN027B G3 LED12/WW 12W 220-240V D150 KSA

