



# Essential SmartBright LED Downlight G2 DN028B

## DN028B LED8/NW PSR-E I D90 TB

Essential SmartBright G2 DN028B 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
Lighting Technology	LED
Warranty period	3 years
Light Technical	
Luminous Flux	800 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	80.00 lm/W
Color rendering index (CRI)	80
Light source color	3000/4000/6500
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

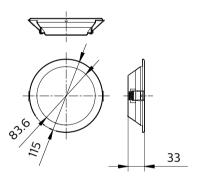
Power Consumption	10 W
Power Factor (Fraction)	0.7
Connection	Flying leads/wires
Temperature	
Ambient temperature range	-20 to +40 °C
Controls and Dimming	
Driver/power unit/transformer	Power supply unit (On/Off)
Mechanical and Housing	
Housing Material	Plastic
Reflector material	Polycarbonate
Optic material	Polycarbonate
Housing Color	White
Overall length	115 mm
Overall width	115 mm

### Essential SmartBright LED Downlight G2 DN028B

Overall height	33 mm
Overall diameter	115 mm
Dimensions (Height x Width x Depth)	33 x 115 x 115 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II
Initial Performance (IEC Compliant)	
Initial chromaticity	SDCM<5
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compli	ant)
Median useful life L70B50	25,000 hour(s)

Product Data	
Order product name	DN028B LED8/NW PSR-E I D90 TB
Full product name	DN028B LED8/NW PSR-E I D90 TB
Full product code	871016330947799
Order code	911401818197
Material Nr. (12NC)	911401818197
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163309477
Numerator - Packs per outer box	24
EAN/UPC - Case	8710163310350

#### Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, September 4 - data subject to change