



# Essential SmartBright LED Downlight G2 DN028B

## DN028B LED8/WW 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		Power Consumption	
Light source replaceable	No	Power Factor (Fraction)	0.7
Lighting Technology	LED	Connection	Flying leads/wires
Warranty period	3 years		
Light Technical		Temperature	
Luminous Flux	800 lm	Ambient temperature range	-20 to +40 °C
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	80.00 lm/W	Controls and Dimming	
Color rendering index (CRI)	80	Driver/power unit/transformer	Power supply unit (On/Off)
Light source color	3000/4000/6500		
Luminaire light beam spread	110°	Mechanical and Housing	
Operating and Electrical		Housing Material	Plastic
Input Voltage	220 to 240 V	Reflector material	Polycarbonate
Line Frequency	50 or 60 Hz	Optic material	Polycarbonate
Input Frequency	50 or 60 Hz	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
<b>Approval and Application</b>	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II
<b>Initial Performance (IEC Compliant)</b>	
Initial chromaticity	SDCM<5
Power consumption tolerance	+/-10%
<b>Over Time Performance (IEC Compliant)</b>	
Median useful life L70B50	25,000 hour(s)

<b>Product Data</b>	
Order product name	DN028B LED8/WW PSR-E I D90 TB
Full product name	DN028B LED8/WW PSR-E I D90 TB
Full product code	871016330946099
Order code	911401818097
Material Nr. (12NC)	911401818097
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163309460
Numerator - Packs per outer box	24
EAN/UPC - Case	8710163310343

## Dimensional drawing

