



# Essential SmartBright LED Downlight G2 DN028B

## DN028B LED8/NW PSR-E | D125 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

<b>General Information</b>		<b>Power Consumption</b>	
Light source replaceable	No	10 W	
Lighting Technology	LED	<b>Power Factor (Fraction)</b>	
Warranty period	3 years	0.7	
<b>Light Technical</b>		<b>Connection</b>	
Luminous Flux	800 lm	Flying leads/wires	
Correlated Color Temperature (Nom)	4000 K	<b>Temperature</b>	
Luminous Efficacy (rated) (Nom)	80.00 lm/W	<b>Ambient temperature range</b>	
Color rendering index (CRI)	80	-20 to +40 °C	
Light source color	3000/4000/6500	<b>Controls and Dimming</b>	
Luminaire light beam spread	110°	<b>Driver/power unit/transformer</b>	
<b>Operating and Electrical</b>		Power supply unit (On/Off)	
Input Voltage	220 to 240 V	<b>Mechanical and Housing</b>	
Line Frequency	50 or 60 Hz	<b>Housing Material</b>	
Input Frequency	50 or 60 Hz	Plastic	
		<b>Reflector material</b>	
		Polycarbonate	
		<b>Optic material</b>	
		Polycarbonate	
		<b>Housing Color</b>	
		White	
		<b>Overall length</b>	
		150 mm	
		<b>Overall width</b>	
		115 mm	

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Overall height	33 mm
Overall diameter	150 mm
Dimensions (Height x Width x Depth)	33 x 115 x 150 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 Compliant)

Median useful life L70B50	25,000 hour(s)
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### Product Data

Order product name	DN028B LED8/NW PSR-E I D125 TB
Full product name	DN028B LED8/NW PSR-E I D125 TB
Full product code	871016330949199
Order code	911401818397
Material Nr. (12NC)	911401818397
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163309491
Numerator - Packs per outer box	24
EAN/UPC - Case	8710163310374

### Dimensional drawing

