



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

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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 Compliant)

Median useful life L70B50	25,000 hour(s)
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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
Local order code	DN028LED8D90NW
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163309477
Numerator - Packs per outer box	24
EAN/UPC - Case	8710163310350

Dimensional drawing

