PHILIPS Lighting



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	
Light source replaceable	No
Lighting Technology	LED
Warranty period	3 years
Light Technical	
Luminous Flux	800 lm
Correlated Color Temperature (Nom)	3000 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

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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)	

Product Data	
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
Local order code	DN028LED8D90WW
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163309460
Numerator - Packs per outer box	24
EAN/UPC - Case	8710163310343

Dimensional drawing





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