



Essential SmartBright LED Downlight

DN003B LED6/WW D90 RD

Essential SmartBright G2 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	1 years
Light Technical	
Luminous Flux	600 lm
Correlated Color Temperature (Nom)	3000 K
Color rendering index (CRI)	80
Light source color	3000/4000/6500
Luminaire light beam spread	110°
Operating and Electrical	
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Power Consumption	7 W
Power Factor (Fraction)	0.7
Connection	Flying leads/wires

Overall width 33 mm		
Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Mechanical and Housing Housing Material Polycarbonate Optic material Polycarbonate Housing Color White Overall length 33 mm Overall width 33 mm Overall height 33 mm Overall diameter Dimensions (Height x Width x Depth) Approval and Application	Temperature	
Dimmable Driver/power unit/transformer Power supply unit (On/Off) Mechanical and Housing Housing Material Reflector material Polycarbonate Optic material Housing Color White Overall length 33 mm Overall width 33 mm Overall height 33 mm Overall diameter Dimensions (Height x Width x Depth) Approval and Application	Ambient temperature range	-20 to +40 °C
Dimmable Driver/power unit/transformer Power supply unit (On/Off) Mechanical and Housing Housing Material Reflector material Polycarbonate Optic material Housing Color White Overall length 33 mm Overall width 33 mm Overall height 33 mm Overall diameter Dimensions (Height x Width x Depth) Approval and Application		
Driver/power unit/transformer Power supply unit (On/Off) Mechanical and Housing Housing Material Polycarbonate Optic material Polycarbonate Housing Color White Overall length Overall width Overall height Overall diameter Dimensions (Height x Width x Depth) Approval and Application	Controls and Dimming	
Mechanical and Housing Housing Material Plastic Reflector material Polycarbonate Optic material Polycarbonate Housing Color White Overall length 33 mm Overall width 33 mm Overall height 33 mm Overall diameter 115 mm Dimensions (Height x Width x Depth) 33 x 33 x 33 x 33 mm Approval and Application	Dimmable	No
Housing Material Plastic Reflector material Polycarbonate Optic material Polycarbonate Housing Color White Overall length 33 mm Overall width 33 mm Overall height 33 mm Overall diameter 115 mm Dimensions (Height x Width x Depth) 33 x 33 x 33 x 33 mm Approval and Application	Driver/power unit/transformer	Power supply unit (On/Off)
Housing Material Plastic Reflector material Polycarbonate Optic material Polycarbonate Housing Color White Overall length 33 mm Overall width 33 mm Overall height 33 mm Overall diameter 115 mm Dimensions (Height x Width x Depth) 33 x 33 x 33 x 33 mm Approval and Application		
Reflector material Polycarbonate Optic material Polycarbonate Housing Color White Overall length 33 mm Overall width 33 mm Overall height 33 mm Overall diameter 115 mm Dimensions (Height x Width x Depth) 33 x 33 x 33 mm Approval and Application	Mechanical and Housing	
Optic material Polycarbonate Housing Color White Overall length 33 mm Overall width 33 mm Overall height 33 mm Overall diameter 115 mm Dimensions (Height x Width x Depth) 33 x 33 x 33 mm Approval and Application	Housing Material	Plastic
Housing Color White Overall length 33 mm Overall width 33 mm Overall height 33 mm Overall diameter Dimensions (Height x Width x Depth) Approval and Application	Reflector material	Polycarbonate
Overall length 33 mm Overall width 33 mm Overall height 33 mm Overall diameter 115 mm Dimensions (Height x Width x Depth) 33 x 33 x 33 mm Approval and Application	Optic material	Polycarbonate
Overall width 33 mm Overall height 33 mm Overall diameter 115 mm Dimensions (Height x Width x Depth) 33 x 33 x 33 mm Approval and Application	Housing Color	White
Overall height 33 mm Overall diameter 115 mm Dimensions (Height x Width x Depth) 33 x 33 x 33 mm Approval and Application	Overall length	33 mm
Overall diameter 115 mm Dimensions (Height x Width x Depth) 33 x 33 x 33 mm Approval and Application	Overall width	33 mm
Dimensions (Height x Width x Depth) 33 × 33 × 33 mm Approval and Application	Overall height	33 mm
Approval and Application	Overall diameter	115 mm
	Dimensions (Height x Width x Depth)	33 x 33 x 33 mm
Ingress protection code IP20 [Finger-protected]	Approval and Application	
	Ingress protection code	IP20 [Finger-protected]

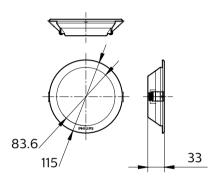
Datasheet, 2023, September 4 data subject to change

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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%
Product Data	
Order product name	DN003B LED6/WW D90 RD
Full product name	DN003B LED6/WW D90 RD

Full product code	911401597031
Order code	911401597031
Material Nr. (12NC)	911401597031
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6923828623951
Numerator - Packs per outer box	24
EAN/UPC - Case	6923828623951

Dimensional drawing





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