



# Essential SmartBright LED Downlight

## **DN004B LED20/NW D200 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	2,000 lm
Correlated Color Temperature (Nom)	4000 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	23 W
Power Factor (Fraction)	0.7
Connection	Flying leads/wires

Temperature  Ambient temperature range -20 to +40 °C  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 diameter 225 mm  Dimensions (Height x Width x Depth) 33 x 33 x 33 x 33 mm  Approval and Application  Ingress protection code IP20 [Finger-protected]		
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 225 mm 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  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	Ambient temperature range	-20 to +40 °C
Dimmable  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		
Driver/power unit/transformer  Power supply unit (On/Off)  Mechanical and Housing  Housing Material  Polycarbonate  Polycarbonate  Optic material  Polycarbonate  Housing Color  White  Overall length  33 mm  Overall width  33 mm  Overall height  33 mm  Overall diameter  225 mm  Dimensions (Height x Width x Depth)  Approval and Application	Controls and Dimming	
Mechanical and Housing Housing Material Pelastic Reflector material Polycarbonate Optic material Polycarbonate Housing Color White Overall length 33 mm Overall width 33 mm Overall height 33 mm Overall diameter 225 mm Dimensions (Height x Width x Depth) 33 x 33 x 33 x 33 mm	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 225 mm  Dimensions (Height x Width x Depth) 33 x 33 x 33 x 33 mm	Driver/power unit/transformer	Power supply unit (On/Off)
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Optic material Polycarbonate  Housing Color White  Overall length 33 mm  Overall width 33 mm  Overall height 33 mm  Overall diameter 225 mm  Dimensions (Height x Width x Depth) 33 x 33 x 33 mm  Approval and Application	Housing Material	Plastic
Housing Color  Overall length  33 mm  Overall width  33 mm  Overall height  33 mm  Overall diameter  225 mm  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 225 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 225 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 225 mm Dimensions (Height x Width x Depth) 33 x 33 x 33 mm  Approval and Application	Overall length	33 mm
Overall diameter 225 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 x 33 x 33 mm  Approval and Application	Overall height	33 mm
Approval and Application	Overall diameter	225 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]

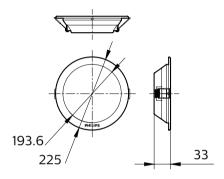
Datasheet, 2023, September 4 data subject to change

# Essential SmartBright LED Downlight

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	DN004B LED20/NW D200 RD
Full product name	DN004B LED20/NW D200 RD

Full product code	692382862438599
Order code	911401599831
Material Nr. (12NC)	911401599831
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6923828624385
Numerator - Packs per outer box	24
EAN/UPC - Case	6923828624231

### Dimensional drawing





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