Smartbright Pro Downlight

DN068B LED16/865 PSU GM

Smartbright Pro Downlight, 15 W, 1600 lm, 6500 K, Matte, IP20 | Finger-protected

The SmartBright Pro Downlight comes offering reliable lighting performance with recessed installation, suitable for diversified applications. Full wattage ranges from 5W to 24W, full CCT range covering 3000K, 35000K, 4000K and 6500K, eye comfort experience with low flicker lighting can attract you more with its elegant design.
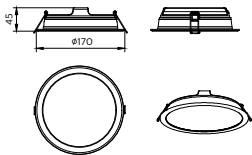
Product data

General Information

Light source engine type	LED

Light Technical

Luminous Flux	1,600 lm
Luminous Efficacy (rated) (Nom)	106 lm/W
Correlated Color Temperature (Nom)	6500 K
Color rendering index (CRI)	>80
Light source color	865 cool daylight
Optical cover type	Polycarbonate Diffuser

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	12.5 A
Power Consumption	15 W

Power Factor and MCB

Power Factor (Fraction)	0.5
Number of products on MCB of 16 A type B	30

Temperature

Ambient temperature range	–20 to +40 °C

Controls and Dimming

Dimmable	No
Control interface	–

Mechanical and Housing

Housing Material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	White
Optical cover finish	Matte
Overall height	45 mm

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Overall diameter	170 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Protection class IEC	Safety class II
Flammability mark	For mounting on normally flammable surfaces
CE mark	–

Initial Performance (IEC Compliant)

Luminous flux tolerance	+10%/-15%
Initial chromaticity	(0.31, 0.34) SDCM <7
Power consumption tolerance	+/-10%

Product Data

Order product name	DN068B LED16/865 PSU GM
Full product name	DN068B LED16/865 PSU GM
Full product code	871951495774999
Order code	911401872384
Material Nr. (12NC)	911401872384
Numerator – Quantity Per Pack	1
Net Weight (Piece)	0.034 kg
EAN/UPC – Product/Case	8719514957749
Numerator – Packs per outer box	12
EAN/UPC – Case	8719514957985

Dimensional drawing

DN068B 15W&18W D145

www.lighting.philips.com

2024, August 1 – data subject to change