



SmartBright Pro Downlight gen2

DN068B G2 LED9/830 PSU D100

SmartBright Pro Downlight gen2, 8 W, 855 lm, 3000 K, Beam angle 110°, Textured, IP20(IP44 front)

The SmartBright Pro Downlight comes offering reliable lighting performance with recessed installation, suitable for diversified applications. Full cut out size from D75 to D200, full CCT range covering 3000K, 4000K and 6500K, lumen output covers 400lm to 2000lm, eye comfort experience with low flicker lighting can attract you more with its elegant design.

Product data

General Information		Optic type	
Number of gear units	1 unit	Beam angle	110°
Gear	EB [Electronic]	Luminaire light beam spread	110°
Driver included	Yes	Unified glare rating CEN	32
Light source engine type	LED	Operating and Electrical	
Value ladder	Value	Input Voltage	220 to 240 V
Warranty period	3 years	Line Frequency	50 or 60 Hz
Light Technical		Power Consumption	8 W
Luminous Flux	855 lm	Power Factor (Fraction)	0.9
Correlated Color Temperature (Nom)	3000 K	Connection	Flying leads/wires
Luminous Efficacy (rated) (Nom)	105 lm/W	Cable	2×0.75mm² Cable 0.1m without plug
Color rendering index (CRI)	80	Number of products on MCB of 16 A type B	-
Number of light sources	1	Suitable for random switching	No
Beam angle of light source	110 degree(s)	Protection class IEC	Safety class II
Light source color	830 warm white		

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Controls and Dimming

Dimmable	-
Control interface	-
Maximum dim level	Not applicable

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	White
Mounting device	Recessed mounting box round
Optical cover finish	Textured
Overall height	35 mm
Overall diameter	115 mm
Ingress protection code	IP20(IP44 front)
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	Polycarbonate micro lens optic
Net Weight (Piece)	0.070 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	No

ENEC mark	-
Photobiological risk	Photobiological risk group 0 @ 200mm to EN62471
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-20 to +40 °C

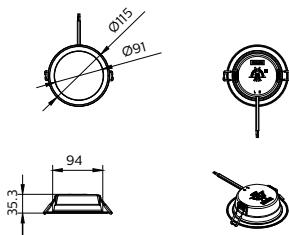
Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.44, 0.40) SDCM≤6
Power consumption tolerance	+/-10%

Product Data

Order product name	DN068B G2 LED9/830 PSU D100
Full product name	DN068B G2 LED9/830 PSU D100
Full product code	872110330220599
Order code	30220599
Material Nr. (12NC)	911401861887
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103302205
Numerator - Packs per outer box	40
EAN/UPC - Case	8721103302472

Dimensional drawing



DN068B D100

