



# SmartBright Pro Downlight gen2

## DN068B G2 LED9/840 PSU D100

SmartBright Pro Downlight gen2, 8 W, 900 lm, 4000 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	900 lm	Power Factor (Fraction)	0.9
Correlated Color Temperature (Nom)	4000 K	Connection	Flying leads/wires
Luminous Efficacy (rated) (Nom)	110 lm/W	Cable	2×0.75mm <sup>2</sup> 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	840 neutral 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	(0.38, 0.38) SDCM≤6
Power consumption tolerance	+/-10%

Product Data	
Order product name	DN068B G2 LED9/840 PSU D100
Full product name	DN068B G2 LED9/840 PSU D100
Full product code	872110330221299
Order code	30221299
Material Nr. (12NC)	911401861987
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103302212
Numerator - Packs per outer box	40
EAN/UPC - Case	8721103302489

## Dimensional drawing

