



SmartBright Pro Downlight gen2

DN068B G2 LED16/840 PSU D150

SmartBright Pro Downlight gen2, 15 W, 1600 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		Inrush current	7.2 A
Luminous Flux	1,600 lm	Inrush time	0.034 ms
Correlated Color Temperature (Nom)	4000 K	Power Consumption	15 W
Luminous Efficacy (rated) (Nom)	110 lm/W	Power Factor (Fraction)	0.9
Color rendering index (CRI)	80	Connection	Flying leads/wires
Number of light sources	1	Cable	2×0.75mm ² Cable 0.1m without plug
Beam angle of light source	110 degree(s)	Number of products on MCB of 16 A type B	192
Light source color	840 neutral white	Suitable for random switching	No

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Protection class IEC	Safety class II
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	170 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)	0.100 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

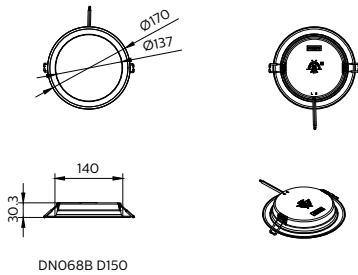
Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM≤6
Power consumption tolerance	+/-10%

Product Data

Order product name	DN068B G2 LED16/840 PSU D150
Full product name	DN068B G2 LED16/840 PSU D150
Full product code	872110330233599
Order code	911401863187
Material Nr. (12NC)	911401863187
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103302335
Numerator - Packs per outer box	40
EAN/UPC - Case	8721103302601

Dimensional drawing



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