



SmartBright Pro Downlight gen2

DN068B G2 LED14/830 PSU D175

SmartBright Pro Downlight gen2, 14 W, 1524 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
		Power Consumption	14 W
		Power Factor (Fraction)	0.9
		Connection	Flying leads/wires
		Cable	2×0.75mm² Cable 0.1m without plug
		Number of products on MCB of 16 A type B	-
		Suitable for random switching	No
		Protection class IEC	Safety class II
Light Technical			
Luminous Flux	1,524 lm		
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	105 lm/W		
Color rendering index (CRI)	80		
Number of light sources	1		
Beam angle of light source	110 degree(s)		
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	195 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)	0.130 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 LED14/830 PSU D175
Full product name	DN068B G2 LED14/830 PSU D175
Full product code	872110330235999
Order code	911401863387
Material Nr. (12NC)	911401863387
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103302359
Numerator - Packs per outer box	20
EAN/UPC - Case	8721103302625

Dimensional drawing

