



SmartBright LED Downlight DN029B

DN029B-2 LED12/CCT PSR-E D150 CAU

SmartBright Downlight family is the perfect energy efficient LED replacement for conventional downlights. It offers three solutions around energy efficiency, selectable colour temperature and being a three step dimming downlight: Essential SmartBright Downlight G3 DN029B-1– trailing and leading edge dimmable downlight is the ideal functional replacement for conventional downlights. This affordable and easy to install fitting delivers high energy savings without compromising on light quality. This hassle-free Essential SmartBright DN029B-2 downlight provides you with the flexibility to select the perfect colour temperature (Warm White/Cool White/Day Light) for the application. Integrated with trailing/leading edge dimming capability, this affordable and easy to install fitting delivers high energy savings without compromising on light quality. Essential SmartBright DN029B-3 step dimming downlight is the perfect hassle-free replacement for conventional dimmable downlights. Adjust the light level straight from the switch and save cost with installation as a dimmer unit is not required.

Product data

General Information		Luminaire light beam spread	
Light source replaceable	No		110°
Lighting Technology	LED	Operating and Electrical	
Warranty period	3 years	Line Frequency	50 or 60 Hz
		Input Frequency	50 or 60 Hz
Light Technical		Power Consumption	14 W
Luminous Flux	1,200 lm	Power Factor (Fraction)	0.8
Correlated Color Temperature (Nom)	4000 K	Temperature	
Luminous Efficacy (rated) (Nom)	86 lm/W	Ambient temperature range	-20 to +40 °C
Color rendering index (CRI)	80		
Light source color	3000/4000/6500		

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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit (On/Off)

Mechanical and Housing

Housing Material	Plastic
Reflector material	Polycarbonate
Housing Color	White
Overall length	64 mm
Overall width	64 mm
Overall height	64 mm
Overall diameter	175 mm
Dimensions (Height x Width x Depth)	64 x 64 x 64 mm

Approval and Application

Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]

Protection class IEC	Safety class II
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Initial Performance (IEC Compliant)

Initial chromaticity	SDCM<5
Power consumption tolerance	+/-10%

Product Data

Order product name	DN029B-2 LED12/CCT PSR-E D150 CAU
Full product name	DN029B-2 LED12/CCT PSR-E D150 CAU
Full product code	871016331718299
Order code	911401713872
Material Nr. (12NC)	911401713872
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163317182
Numerator - Packs per outer box	12
EAN/UPC - Case	8710163317205

Dimensional drawing

