



# SmartBright LED Downlight DN029B

## DN029B-3 LED8/WW SD D90 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	105°	
Lighting Technology	LED	Operating and Electrical	
Warranty period	3 years	Line Frequency	50 or 60 Hz
Light Technical		Input Frequency	50 or 60 Hz
Luminous Flux	800 lm	Power Consumption	10 W
Correlated Color Temperature (Nom)	3000 K	Power Factor (Fraction)	0.8
Luminous Efficacy (rated) (Nom)	80 lm/W	Temperature	
Color rendering index (CRI)	80	Ambient temperature range	-20 to +40 °C
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	RAL (to be defined)
Overall length	64.3 mm
Overall width	64.3 mm
Overall height	64.3 mm
Overall diameter	115 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-3 LED8/WW SD D90 CAU
Full product name	DN029B-3 LED8/WW SD D90 CAU
Full product code	871016331471699
Order code	911401851697
Material Nr. (12NC)	911401851697
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163314716
Numerator - Packs per outer box	24
EAN/UPC - Case	8710163314815

### Dimensional drawing

