



# The perfect energy efficient LED replacement for conventional downlights

## SmartBright LED Downlight DN029B

SmartBright Downlight family is the perfect energy efficient LED replacement for conventional downlights. It offers three solutions:

**Solution 1** The energy efficient LED replacement for conventional downlights 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.

**Solution 2** Select the right colour temperature to suit your style 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.

**Solution 3** Enjoy the flexibility of a dimmable fitting without paying more 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.

### Benefits

- Reliable LED downlight for residential and general lighting applications
- Easy to install and IC-4 rated
- 3 years warranty

# SmartBright LED Downlight DN029B

## Features

- Trailing/leading edge dimmable
- Select from 3 colour temperatures with a slide of the dial
- IP54 front cover
- High efficiency for energy savings

## Application

- Residential and general lighting

## Versions



Application Conditions	
Ambient temperature range	-20 to +40 °C
Approval and Application	
Mech. impact protection code	IK03
Ingress protection code	IP40/IP54 front
Controls and Dimming	
Dimmable	Yes
Operating and Electrical	
Input Voltage	220 to 240 V V
General Information	
Protection class IEC	Safety class II
Light source replaceable	No
Initial Performance (IEC Compliant)	
Init. Color Rendering Index	80
Mechanical and Housing	
Color	White

## Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial	
				LED luminaire efficacy	Initial luminous flux
929002531219	DN029B	(3000K@, 0.4400,	3000, 4000,	106.00	800 lm
	G2	0.40304000K@0.37600.36566500K@0.31300.3370)	6500 K	lm/W	
	LED8/C	6			
	CT PSR-E D90 CAU				
929002531249	DN029B	(3000K@, 0.4400,	3000, 4000,	106.00	800 lm
	G2	0.40304000K@0.37600.36566500K@0.31300.3370)	6500 K	lm/W	
	LED8/C	6			
	CT PSR-E D90 CAU 10-PK				
929002531319	DN029B	(3000K@, 0.4400,	3000, 4000,	106.00	800 lm
	G2	0.40304000K@0.37600.36566500K@0.31300.3370)	6500 K	lm/W	
	LED8/C	6			
	CT PSR-E D90 NZ				
929002531419	DN029B	(3000K@, 0.4400,	3000, 4000,	111.00	1000 lm
	G2	0.40304000K@0.37600.36566500K@0.31300.3370)	6500 K	lm/W	
	LED10/ CCT	6			

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Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial	
				LED luminaire efficacy	Initial luminous flux
	PSR-E D120 CAU				
929002531519	DN029B G2 LED10/CCT PSR-E D120 NZ	(3000K@, 0.4400, 0.40304000K@0.37600.36566500K@0.31300.3370)	3000, 4000, 6500 K	111.00 lm/W	1000 lm
929002531619	DN029B G2 LED12/CCT PSR-E D150 CAU	(3000K@, 0.4400, 0.40304000K@0.37600.36566500K@0.31300.3370)	3000, 4000, 6500 K	114.00 lm/W	1200 lm
929002531719	DN029B G2 LED20/CCT PSR-E D200 CAU	(3000K@, 0.4400, 0.40304000K@0.37600.36566500K@0.31300.3370)	3000, 4000, 6500 K	111.00 lm/W	2000 lm
929002531849	DN029B G2 LED8/W PSR-E D90 CAU 20-PK	(3000K@, 0.4400, 0.4030) 6	3000 K	106.00 lm/W	800 lm
929002531949	DN029B G2 LED8/N W PSR-E D90 CAU 20-PK	(4000K@, 0.3800, 0.3800) 6	4000 K	106.00 lm/W	800 lm
929002532049	DN029B G2 LED8/C W PSR-E D90 CAU 20-PK	(6500K@, 0.3130, 0.3370) 6	6500 K	106.00 lm/W	800 lm

### Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power	Order Code	Full Product Name	Initial input power
929002531219	DN029B G2 LED8/CCT PSR-E D90 CAU	7.5 W	929002531319	DN029B G2 LED8/CCT PSR-E D90 NZ	7.5 W
929002531249	DN029B G2 LED8/CCT PSR-E D90 CAU 10-PK	7.5 W	929002531419	DN029B G2 LED10/CCT PSR-E D120 CAU	9 W

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Order Code	Full Product Name	Initial input power
929002531519	DN029B G2 LED10/CCT PSR-E D120 NZ	9 W
929002531619	DN029B G2 LED12/CCT PSR-E D150 CAU	10.5 W
929002531719	DN029B G2 LED20/CCT PSR-E D200 CAU	18 W

Order Code	Full Product Name	Initial input power
929002531849	DN029B G2 LED8/WW PSR-E D90 CAU 20-PK	7.5 W
929002531949	DN029B G2 LED8/NW PSR-E D90 CAU 20-PK	7.5 W
929002532049	DN029B G2 LED8/CW PSR-E D90 CAU 20-PK	7.5 W

