The perfect energy efficient LED replacement for conventional downlights

SmartBright LED Downlight DN029B

The Philips SmartBright G2 LED downlight provides a professional and flexible solution for a wide variety of applications. Offering three selectable colour temperatures plus integrated dimming capability, the G2 downlight makes it really easy to create the perfect ambience for your unique environment. This affordable and quick to install fitting delivers high energy savings without compromising on light quality.

Benefits

- Available in 4 standard ratings and sizes: 7.5W/800lm, 9W/1000lm, 10.5W/ 1200lm, 18W/2000lm.
- The 7.5W/800lm variant is also available to order in a cost effective and convenient 10 pack.
- Discreet and attractive design finish to blend perfectly into a broad spectrum of home or business environments.
- Easy 'clip-in-place' mounting and power connection to reduce overall installation time.
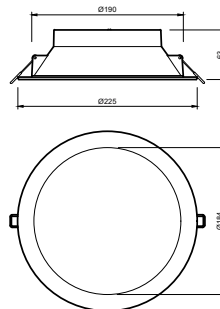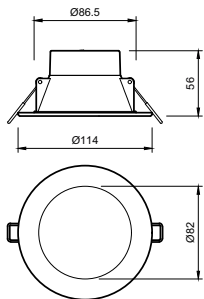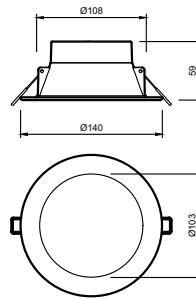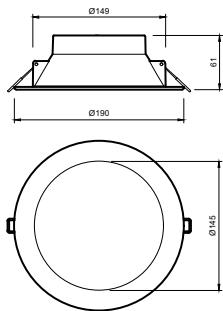
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Features
- Select from three colour temperatures with a slide of the switch. (Warm White, Cool White, Daylight)
- Trailing/leading edge dimmable for easy light level and ambience adjustment.
- Pre-cabled as standard with 0.8m cord and power plug.
- 3 year warranty with 30,000h (L70) rated lifetime.

Application
- General residential and commercial buildings installations.
- Homes – living areas, bedrooms, passage ways etc.
- Commercial – office areas, corridors, shop fronts, retail spaces, meeting rooms.

Dimensional drawing

SmartBright LED Downlight DN029B

General Information

Light source replaceable	No

Light Technical

Correlated Color Temperature (Nom)	3000 K
Color rendering index (CRI)	80

Operating and Electrical

Protection class IEC	Safety class II
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Housing Color	White
Mech. impact protection code	IK03
Ingress protection code	IP40/54

Approval and Application

Ambient temperature range	–20 to +40 ℃

Initial Performance (IEC Compliant)

Initial chromaticity	(3000K@, 0.4400, 0.4030; 4000K@0.37600.3656; 6500K@0.31300.3370) 6

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1.2 %

Light Technical

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux
929002531219	DN029B G2 LED8/CCT PSR-E D90 CAU	106.00 lm/W	800 lm
929002531249	DN029B G2 LED8/CCT PSR-E D90 CAU 10-PK	106.00 lm/W	800 lm
929002531419	DN029B G2 LED10/CCT PSR-E D120 CAU	111.00 lm/W	1,000 lm
929002531619	DN029B G2 LED12/CCT PSR-E D150 CAU	114.00 lm/W	1,200 lm
929002531719	DN029B G2 LED20/CCT PSR-E D200 CAU	111.00 lm/W	2,000 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
929002531219	DN029B G2 LED8/CCT PSR-E D90 CAU	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

Order Code	Full Product Name	Power Consumption
929002531619	DN029B G2 LED12/CCT PSR-E D150 CAU	10.5 W
929002531719	DN029B G2 LED20/CCT PSR-E D200 CAU	18 W

www.lighting.philips.com

2024, August 29 – data subject to change