



Essential SmartBright G2 LED Downlight DN029B

DN029B G2 LED8/CCT PSR-E D90 CAU

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.

Product data

General Information	
Lamp colour code	3000/4000/6500
Light source replaceable	No
Luminaire light beam spread	100°
Connection	Plug-in connector 2-pole
Protection class IEC	Safety class II (II)

Operating and Electrical	
Input Voltage	220 to 240 V V
Input frequency	50 or 60 Hz
Power factor (min.)	0.8

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Housing material	Metal-Plastic
Reflector material	Polycarbonate
Optic material	Polycarbonate
Fixation material	Stainless steel
Optical cover/lens finish	Frosted
Overall length	114 mm
Overall width	114 mm
Overall height	56 mm
Overall diameter	114 mm
Colour	White

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Dimensions (height x width x depth) 56 x 114 x 114 mm (2.2 x 4.5 x 4.5 in)

Approval and Application

Ingress protection code IP40/IP54 front

Mech. impact protection code IK03 [0.3 J]

Initial Performance (IEC Compliant)

Initial luminous flux 800 lm

Initial LED luminaire efficacy 106.00 lm/W

Lamp colour temperature 3000 4000 6500 K

Colour Rendering Index 80

Initial chromaticity (3000K@, 0.4400, 0.40304000K@0.37600.36566500K@0.31300.3370) 6

Initial input power 7.5 W

Power consumption tolerance +/-10%

Over Time Performance (IEC Compliant)

Median useful life 30000 h

L70B50

Application Conditions

Ambient temperature range -20 to +40 °C

Product Data

Full product code 871951425177900

Order product name DN029B G2 LED8/CCT PSR-E D90 CAU

EAN/UPC – product 8719514251779

Order code 929002531219

Local order code DN029BLED8CCT90

SAP numerator – quantity per pack 1

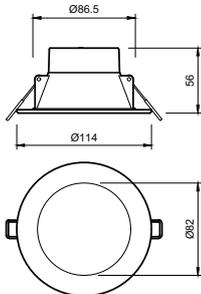
Numerator – packs per outer box 12

SAP material 929002531219

Net Weight (Piece) 0.230 kg



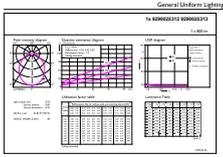
Dimensional drawing



DN029B G2 LED8 3CCT 9W D90 DIM AU

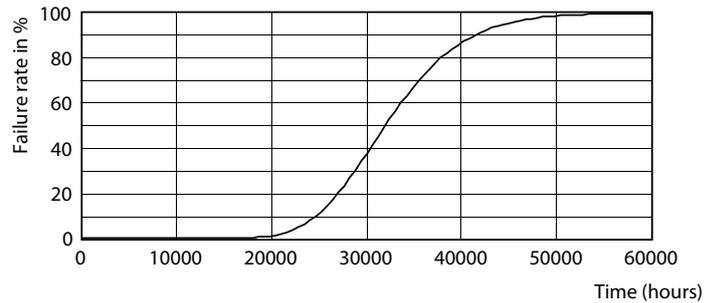
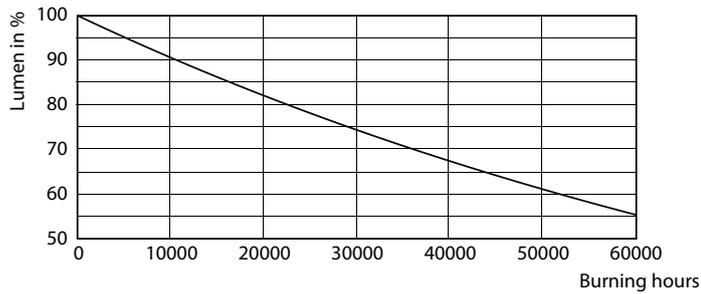
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Photometric data



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Lifetime



B50L70 30K LMP

B50L70 30K LED

