



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	ı
Lamp colour code	3000/4000/6500
Light source	No
replaceable	
Luminaire light beam	100°
spread	
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	n Frosted	
Overall length	114 mm	
Overall width	114 mm	
Overall height	56 mm	
Overall diameter	114 mm	
Colour	White	

Datasheet, 2021, February 5 data subject to change

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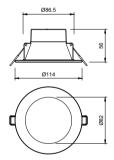
Dimensions (height x	56 x 114 x 114 mm (2.2 x 4.5 x 4.5 in)		
width x depth)			
Approval and Applica	Approval and Application		
Ingress protection code	IP40/IP54 front		
Mech. impact	IK03 [0.3 J]		
protection code			
Initial Performance (IEC Compliant)			
Initial luminous flux	800 lm		
Initial LED luminaire	106.00 lm/W		
efficacy			
Lamp colour	3000 4000 6500 K		
temperature			
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	+/-10%		
tolerance			
Over Time Performance (IEC Compliant)			
Median useful life	30000 h		

Application Conditions		
Ambient temperature	-20 to +40 ℃	
range		
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 code	DN029BLED8CCT90	
Numerator – quantity	1	
per pack		
SAP numerator – packs	12	
per outer box		
Material no. (12 NC)	929002531219	
SAP net weight (piece)	0.230 kg	



Dimensional drawing

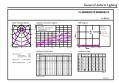
L70B50



DN029B G2 LED8 3CCT 9W D90 DIM AU

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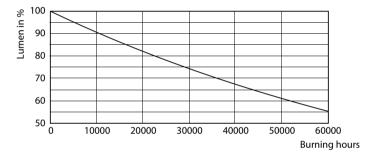
Photometric data

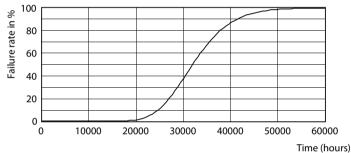


Calculus Photometrics 4.5 Philips Lighting GLV. Figgs: 171

Downlight DN029B G2 LED8 CCT PSR D90

Lifetime





B50L70 30K LMP

B50L70 30K LED



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