PHILIPS Lighting



Essential SmartBright G2 LED Downlight DN029B

DN029B G2 LED8/CCT PSR-E D90 CAU 10-PK

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		Controls and Dimming	
Lamp colour code	3000/4000/6500	Dimmable	Yes
Light source	No		
replaceable		Mechanical and Housing	
Luminaire light beam	100°	Housing material	Metal-Plastic
spread		Reflector material	Polycarbonate
Connection	Plug-in connector 2-pole	Optic material	Polycarbonate
Protection class IEC	Safety class II (II)	Fixation material	Stainless steel
		Optical cover/lens	Frosted
Operating and Electrical		finish	
Input Voltage	220 to 240 V V	Overall length	114 mm
Input frequency	50 or 60 Hz	Overall width	114 mm
Power factor (min.)	0.8	Overall height	56 mm
		Overall diameter	114 mm
		Colour	White

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Dimensions (height x 56 x 114 x 114 mm (2.2 x 4.5 x 4.5 in)		Application Conditions	
width x depth)	Ambient temperature	-20	
		range	
Approval and Applic	ation		
Ingress protection code	IP40/IP54 front	Product Data	
Mech. impact	IK03 [0.3 J]	Full product code	871
protection code		Order product name	DN
		EAN/UPC – product	87
Initial Performance (IEC Compliant)		Order code	92
Initial luminous flux	800 lm	Local order code	DN
(system flux)		SAP numerator -	1
Initial LED luminaire	106.00 lm/W	quantity per pack	
efficacy		Numerator – packs per	40
Lamp colour	3000 4000 6500 K	outer box	
temperature		SAP material	92
Colour Rendering Index	80	SAP net weight (piece)	0.2
Initial chromaticity	(3000K@, 0.4400,		
	0.40304000K@0.37600.36566500K@0.31300.3370) 6	_	
Initial input power	7.5 W	IK 03	
Power consumption	+/-10%		

Ambient temperature	-20 to +40 °C		
range			
Product Data			
Full product code	871951425179300		
Order product name	DN029B G2 LED8/CCT PSR-E D90 CAU 10-PK		
EAN/UPC – product	8719514251809		
Order code	929002531249		
Local order code	DN029BL8CCT90PK		
SAP numerator -	1		
quantity per pack			
Numerator – packs per	40		
outer box			
SAP material	929002531249		
SAP net weight (piece)	0.230 kg		

Dimensional drawing

30000 h

Median useful life

L70B50



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Photometric data



Downlight DN029B G2 LED8 CCT PSR D90

Lifetime



B50L70 30K LMP



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