



# SmartBright LED Downlight DN029B

## DN029B G2 LED20/CCT PSR-E D200 CAU

SmartBright LED Downlight DN029B, 18 W, 2000 lm, 3000 K, 4000 K, 6500 K, White

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		Input Frequency	
Light source replaceable	No	Input Frequency	50 or 60 Hz
Lighting Technology	LED	Power Consumption	18 W
Light Technical		Power Factor (Fraction)	0.8
Luminous Flux	2,000 lm	Connection	Plug-in connector 2-pole
Correlated Color Temperature (Nom)	3000 4000 6500 K	Temperature	
Luminous Efficacy (rated) (Nom)	111.00 lm/W	Ambient temperature range	-20 to +40 °C
Color rendering index (CRI)	80	Controls and Dimming	
Light source color	3000/4000/6500	Dimmable	Yes
Luminaire light beam spread	100°	Mechanical and Housing	
Operating and Electrical		Housing Material	Metal-Plastic
Input Voltage	220 to 240 V	Reflector material	Polycarbonate
Line Frequency	50 or 60 Hz	Optic material	Polycarbonate

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Fixation material	Stainless steel
Housing Color	White
Optical cover finish	Frosted
Overall length	114 mm
Overall width	114 mm
Overall height	63 mm
Overall diameter	225 mm
Dimensions (Height x Width x Depth)	63 x 114 x 114 mm

## Approval and Application

Ingress protection code	IP40/IP54 front
Mech. impact protection code	IK03 [0.3 J]
Protection class IEC	Safety class II

## Initial Performance (IEC Compliant)

Initial chromaticity	(3000K@, 0.4400, 0.4030; 4000K@0.37600.3656; 6500K@0.31300.3370) 6
Power consumption tolerance	+/-10%

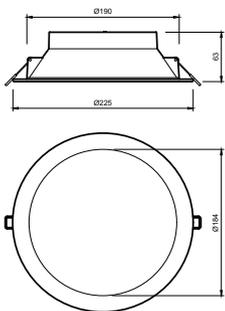
## Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1.2 %
Median useful life L70B50	30,000 h

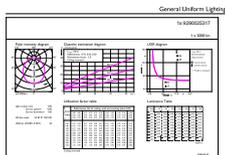
## Product Data

Order product name	DN029B G2 LED20/CCT PSR-E D200 CAU
Full product name	DN029B G2 LED20/CCT PSR-E D200 CAU
Full product code	871951425189200
Local code description	DN029BL20CCT200
Order code	929002531719
Material Nr. (12NC)	929002531719
Local order code	DN029BL20CCT200
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514251892
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514251908

## Dimensional drawing



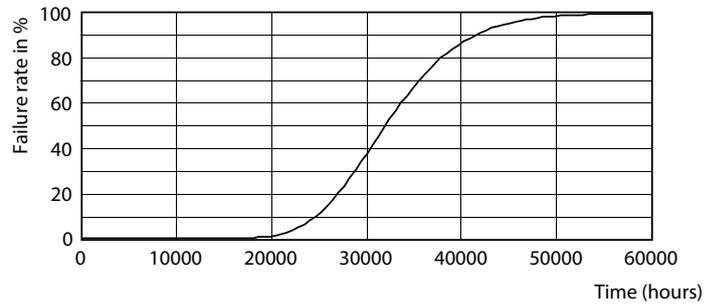
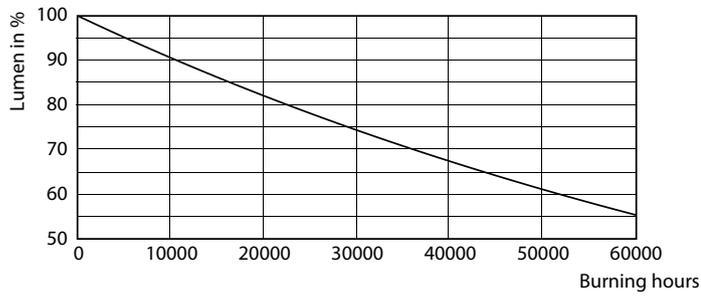
## Photometric data



## General uniform lighting - DN029B G2 LED20/CCT PSR-E D200 CAU

# SmartBright LED Downlight DN029B

## Lifetime



Lumen Maintenance Diagram - DN029B G2 LED20/CCT PSR-E D200 CAU

Life Expectancy Diagram - DN029B G2 LED20/CCT PSR-E D200 CAU

