# **PHILIPS** Lighting



# SmartBright LED Downlight DN029B

## DN029B-2 LED20/CCT PSR-E D200 CAU

SmartBright Downlight family is the perfect energy efficient LED replacement for conventional downlights. It offers three solutions around energy efficiency, selectable collour temperaturea nd being a three step dimming downlight: Essential SmartBright Downlight G3 DN029B-1– trailing and leading edge dimmable downlight is the ideal functional replacement for conventional downlights. This affordable and easy to install fitting delivers high energy savings without compromising on light quality. This hassle-free Essential SmartBright DN029B-2 downlight provides you with the flexibility to select the perfect colour temperature (Warm White/Cool White/Day Light) for the application. Integrated with trailing/ leading edge dimming capability, this affordable and easy to install fitting delivers high energy savings without compromising on light quality. Essential SmartBright DN029B-3 step dimming downlight is the perfect hassle-free replacement for conventional dimmable downlights. Adjust the light level straight from the switch and save cost with installation as a dimmer unit is not required.

#### **Product data**

General Information		Luminaire light beam spread	110°
Light source replaceable	No		
Lighting Technology	LED	Operating and Electrical	
Warranty period	3 years	Line Frequency	50 or 60 Hz
		Input Frequency	50 or 60 Hz
Light Technical		Power Consumption	24 W
Luminous Flux	2,000 lm	Power Factor (Fraction)	0.8
Correlated Color Temperature (Non	<b>h)</b> 4000 K		
Luminous Efficacy (rated) (Nom)	83 lm/W	Temperature	
Color rendering index (CRI)	80	Ambient temperature range	-20 to +40 °C
Light source color	3000/4000/6500		

### SmartBright LED Downlight DN029B

Controls and Dimming		Protection class IEC
Dimmable	Yes	
Driver/power unit/transformer	Power supply unit (On/Off)	Initial Performance
		Initial chromaticity
Mechanical and Housing		Power consumption t
Housing Material	Plastic	
Reflector material	Polycarbonate	Product Data
Housing Color	White	Order product name
Overall length	64 mm	Full product name
Overall width	64 mm	Full product code
Overall height	64 mm	Order code
Overall diameter	225 mm	Material Nr. (12NC)
Dimensions (Height x Width x Dep	Numerator - Quantity	
		EAN/UPC - Product/0
Approval and Application		Numerator - Packs pe

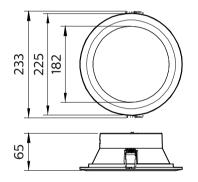
Initial Devformance (IEC Compliant)				
Initial Performance (IEC Compliant)				
Initial chromaticity	SDCM<5			
Power consumption tolerance	+/-10%			
Product Data				
Order product name	DN029B-2 LED20/CCT PSR-E D200 CAU			
Full product name	DN029B-2 LED20/CCT PSR-E D200 CAU			
Full product code	871016331719999			
Order code	911401713882			
Material Nr. (12NC)	911401713882			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8710163317199			
Numerator - Packs per outer box	8			
EAN/UPC - Case	8710163317212			

Safety class II

#### Ingrass protection code

Ingress protection code	IP20/44 [Finger-protected; wire-protected,
	splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]

#### **Dimensional drawing**





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