



SmartBright LED Downlight DN029B

DN029B-1 LED8/WW PSR-E D90 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	
Light source replaceable	No
Lighting Technology	LED
Warranty period	3 years
Light Technical	
Luminous Flux	800 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	80 lm/W
Color rendering index (CRI)	80
Light source color	3000/4000/6500

Luminaire light beam spread	105°	
Eumane tight beam spread	103	
Operating and Electrical		
Line Frequency	50 or 60 Hz	
Input Frequency	50 or 60 Hz	
Power Consumption	10 W	
Power Factor (Fraction)	0.8	
Temperature		
Ambient temperature range	-20 to +40 °C	

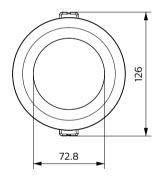
Datasheet, 2023, April 30 data subject to change

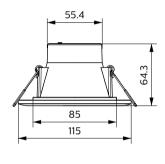
SmartBright LED Downlight DN029B

Controls and Dimming		
Dimmable	Yes	
Driver/power unit/transformer	Power supply unit (On/Off)	
Mechanical and Housing		
Housing Material	Plastic	
Reflector material	Polycarbonate	
Housing Color	RAL (to be defined)	
Overall length	64.3 mm	
Overall width	64.3 mm	
Overall height	64.3 mm	
Overall diameter	115 mm	
Dimensions (Height x Width x Depth) 64 x 64 x 64 mm		
Approval and Application		
Ingress protection code	IP20/44 [Finger-protected; wire-protected,	
	splash-proof]	
Mech. impact protection code	IKO2 [0.2 J standard]	

Protection class IEC	Safety class II	
Initial Performance (IEC Compliant)		
Initial chromaticity	SDCM<5	
Power consumption tolerance	+/-10%	
Product Data		
Order product name	DN029B-1 LED8/WW PSR-E D90 CAU	
Full product name	DN029B-1 LED8/WW PSR-E D90 CAU	
Full product code	871016331468699	
Order code	911401851397	
Material Nr. (12NC)	911401851397	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8710163314686	
Numerator - Packs per outer box	24	
EAN/UPC - Case	8710163314785	

Dimensional drawing







© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.