SmartBright LED Downlight DN029B

DN029B-2 LED8/CCT 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)	4000 K
Luminous Efficacy (rated) (Nom)	80 lm/W
Color rendering index (CRI)	80
Light source color	3000/4000/6500

Luminaire light beam spread	105°

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 ℃

data subject to change

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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	IK02 [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-2 LED8/CCT PSR-E D90 CAU
Full product name	DN029B-2 LED8/CCT PSR-E D90 CAU
Full product code	871016331470999
Order code	911401851597
Material Nr. (12NC)	911401851597
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8710163314709
Numerator – Packs per outer box	24
EAN/UPC – Case	8710163314808

Dimensional drawing

www.lighting.philips.com

2023, September 4 – data subject to change