

PHILIPS

Essential SmartBright
Downlight 2

10W



The **energy efficient** **LED replacement** for conventional downlights

The Philips Essential SmartBright Downlight 2 is a functional downlight that is the ideal replacement for conventional downlights. It's **affordable and easy to install and delivers high energy savings** without compromising on light quality.

Features and benefits

- Reliable LED downlight for residential lighting applications.
- Good light quality and comfortable light.
- Easy to install and IC-F rated.
- 3 years warranty.

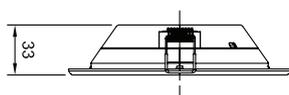
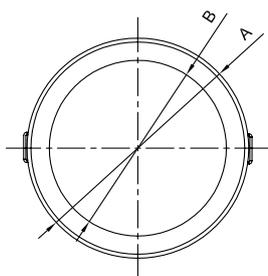
Product data

Model	Essential SmartBright Downlight 2 (DNO28B)
Type	LED8
Equivalent of	50W halogen
Power	10W
System lumen	800lm
Power factor	>0.9
Type	Trailing/ leading edge dimmable**
Electrical class	Class I
Input voltage	220V-240V, 50/60Hz
CCT	3000K (WW) and 4000K (NW)
CRI	>80
Beam angle	110°
Operating temperature	25°C (-20°C < ta < 40°C)
Lifetime (L70)*	25,000 hours
IP rating	IP44
Insulation rating	IC-F
Mounting type	Recessed
Housing colour	White powder coated
Cable Termination	Remote Terminal Block
Material	Diffuser: PC
Application	Residential

*When a new fitting reaches 70% of full potential.

**Compatible with selected dimmers. Please refer to dimming list below.

Dimensions



Model	Cut-out (B) (mm)	Width (A) (mm)	Height (mm)	Weight (kg)
DNO28B LED8	Ø90-95	Ø115	33	0.3
DNO28B LED8	Ø125-130	Ø150	33	0.37

*Dimensions shown above are nominal measurement. Slight variation in dimension may occur in production.

Order placement information

12NC	Description	Specification
911401818097	DNO28B LED8/WW PSR-E I D90 TB	Essential SmartBright Downlight G2, 10W, 800lm,3000K,Trailing/Leading Edge Dimming, White , 25K hrs lifetime,Remote Terminal Block Connection, cut out : 90mm
911401818197	DNO28B LED8/NW PSR-E I D90 TB	Essential SmartBright Downlight G2, 10W, 800lm,4000k,Trailing/Leading Edge Dimming, White , 25K hrs lifetime,Remote Terminal Block Connection, cut out : 90mm
911401818297	DNO28B LED8/WW PSR-E I D125 TB	Essential SmartBright Downlight G2, 10W, 800lm,3000K,Trailing/Leading Edge Dimming, White , 25K hrs lifetime,Remote Terminal Block Connection, cut out : 125mm
911401818397	DNO28B LED8/NW PSR-E I D125 TB	Essential SmartBright Downlight G2, 10W, 800lm,4000K,Trailing/Leading Edge Dimming, White , 25K hrs lifetime,Remote Terminal Block Connection, cut out : 125mm

Dimmers compatible with ESB2LED8WWD and ESB2LED8NWD

Brand	Model	Max. fitting per dimmer
Clipsal	32E450UDM	8
Clipsal	32ELEDM	8
HPM/ Legrand	Cat EM400TR	8
SAL	SDA450	8
PDL	624TM	8
PDL	654M	8

