

# Essential SmartBright G3

## Colour selector and dimmable



### Benefits

- Select from 3 colour temperatures with a slide of the dial
- Trailing/ leading edge dimmable
- Brush aluminium trim included
- Easy to install and IC-4 rated
- 3 years warranty

<b>Model</b>	Essential SmartBright Downlight G3 (DN029B-2)
<b>Type</b>	LED8
<b>Equivalent of</b>	50W halogen
<b>Power</b>	10W
<b>System lumen</b>	800lm
<b>Power factor</b>	0.8
<b>Type</b>	Trailing/ leading edge dimmable**
<b>Electrical Class</b>	Class II
<b>Input Voltage</b>	220V-240V, 50/60Hz
<b>CCT</b>	Select from 3000K (WW), 4300K (CW), 6500K (DL) with the selector dial
<b>CRI</b>	>80
<b>Beam Angle</b>	105°
<b>Operating Temperature</b>	25°C (-20°C < ta < 40°C)
<b>Lifetime (L70B50)*</b>	25,000 hours
<b>IP rating</b>	IP44 (front)
<b>Insulation rating</b>	IC-4
<b>Mounting Type</b>	Recessed
<b>Housing colour</b>	RAL9003
<b>Accessory</b>	Brush aluminium trim, click on to fitting
<b>Cable</b>	1.2m pre-wired AU flex & plug
<b>Material</b>	Diffuser: Polycarbonate (PC) Housing: Polybutylece Terephthalate (PBT)
<b>Application</b>	Residential, general lighting areas, corridors, retail

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

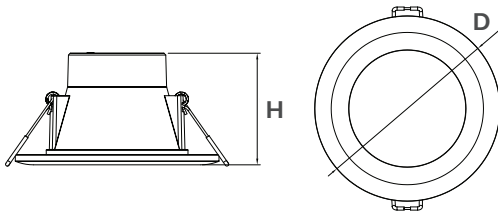
\*\* Compatible with selected dimmers, please refer to dimming list below

## Recommended dimmers

Brand	Model	Max. fitting per dimmer	Dimming range
Clipsal	32E450UDM	8	10%-100%
Clipsal	32ELEDM	8	10%-100%
Legrand	Cat 400T	8	10%-100%
SAL	SDA450	8	10%-100%
Diginet	MEDM	8	10%-100%
Philips Dynalite	DDLE801	10 per channel	5%-100%
Philips Dynalite	DDLE801 with DGTM402	25 per channel	5%-100%

Philips recommends to select from this list of dimmers which are tested for compatibility with the downlight.

## Dimensions



Model	Cut-out/ B (mm)	Diameter/ A (mm)	Height C (mm)	Weight (kg)
DN029B-2 LED8	Ø 85-95	Ø 115	64	0.22

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

## Order placement information

Order Code	Barcode	Description
ESB3LED8CCTTLE	8710163314709	10W, 800lm, 3000K/4300K/6500K, Trailing/ leading edge dimmable, brushed aluminium trim included, cut-out: 85 - 95mm