greenhse Technologies

SAFETY CERTIFIED
Cert GMA-524971 · details p.2

SPEC SHEET
Product code: DL9ESF-HL

90 mm 8 W High Lumen Downlight – Tricolour

An everyday 90 mm downlight with three colour choices, for homes, shops and offices.



KEY FEATURES

- Three light colours: 3000 K, 4000 K or 5700 K
- Dimmable with a Triac dimmer
- IP54 at the front – resists dust and water splashes
- IC-4 rated – can be covered by ceiling insulation
- Thick diffuser, no LED dots visible
- Built-in driver with lead and plug

IN THE BOX

- 1 × LED downlight with built-in driver, spring clips, lead and plug

SPECIFICATIONS

Power	8 W
Input voltage	220–240 VAC, 50 Hz
Light output	790-875 lm
Colour temperature	3000 K / 4000 K / 5700 K (switch)
Colour rendering (CRI)	80 or higher
Beam angle	100°
Dimmable	Yes, with a Triac dimmer (10–100%)
IP rating	IP54 below the ceiling, IP20 above
IK rating	IK03
Insulation contact	IC-4
Cut-out	90–95 mm
Size	Ø115 × 59 mm
Material	Plastic-coated aluminium, PC diffuser
Finish	Flat white cover (brushed chrome or matte black covers available)
Lifespan	50,000 hours
Warranty	3 years

Installation: licensed electrician recommended – see the installation guide. Keep your invoice for warranty.

Certification: Australian Certified

90 mm 8 W High Lumen Downlight – Tricolour

ABOUT THIS PRODUCT

An efficient, high-output 8 W downlight for standard 90 mm holes, giving the brightness of an older 10 W light for less power. Use it in living rooms, kitchens, bedrooms, offices and shops. A switch lets you choose warm, natural or cool white, and it dims smoothly on a compatible LED dimmer. The flat cover sits flush to the ceiling, with brushed chrome and matte black covers available. It is IC-4 rated, so ceiling insulation can safely cover it. For indoor use.

MORE DETAILS

Power factor	0.85
Flicker index	Under 5% (low risk)
Efficacy	About 100 lm/W
Driver efficiency	83%
Standby power	Under 1 W
Operating temperature	Rated ambient 25 °C (per certificate)
Surge protection	1 kV
Colour consistency	SDCM under 6

SAFETY & COMPLIANCE

Electrical safety certified for Australia
Certificate GMA-524971, valid to 25 Sep 2030

Electrical safety certificate	GMA-524971 (valid to 25 Sep 2030)
Certificate covers	The light
Equipment risk level	Level 2
Tested to	AS/NZS 60598.1:2017 Amd 1: 2017, Amd 2: 2020; AS/NZS 60598.2.2:2016 Amd 1: 2017, Amd 2: 2021
Also	IC-4 rated (per certificate)
Also	Class II, double insulated (per certificate)
Also	Rated ambient temperature 25 °C (per certificate)
Also	IP54 below the ceiling, IP20 inside (per certificate)

Greenhse Technologies is the registered Australian responsible supplier for this product on the national Electrical Equipment Safety System (EESS). Certificate numbers can be checked on the public EESS database at eess.gov.au.