

THREE OUTPUT COLOURS IN ONE LED DOWNLIGHT

1box-90



How does it work?

With the technology of a built in controller, the 1BOX-90 LED downlight offers the flexibility to change from Warm White (3000K) to Neutral White (4000K) and to White (6000K) light outputs. Finally a light that puts you in control and can suit your changing lifestyle (e.g. Neutral White for eating dinner, White for doing homework with your kids or Warm White for watching TV or entertaining).

Simply turn the downlight off and on quickly to change between the three outputs in automatic mode, or set the desired colour temperature and lock it in with manual mode.

No special wiring requirements!

All packed in one box!

The M-Elec 1BOX-90 LED downlight offers the user more variety than any other downlight. With two trims included (White and Brushed aluminium), power supply (with flex and plug) and integrated controller all packaged in one kit, this truly is a 1BOX solution.

FLEXIBILITY - change the mood of the room whenever you want!

CONVENIENCE - have 6 downlight variants available at the time of installation!

VALUE - reduce the amount of stock you carry (6 downlight variants in one box)!



The ONLY "one box" solution on the market!

As the creator of Australia's first wide beam, high powered LED downlight, M-Elec is renowned for ingenuitive design. Now we bring you the first "one box" downlight solution.

The 1BOX-90 is unique. This 12W LED downlight provides 6 downlight variants all within 1 box. Complete with 3 output colours, integrated controller / dimmable driver with flex & plug and interchangeable trims, the 1BOX-90 offers flexibility, convenience and amazing value for money.

Why do you need the 1BOX-90 LED downlight?

There are occasions when the exact lighting requirements are uncertain or misunderstood.

With the 1BOX-90, installation is quick and easy, allowing you to choose the correct output colour and trim to suit the decor and mood required.

White light (6000K) is clear and pure to maintain brightness while having a cooling effect and is ideal for offices and warmer climates.

Neutral White (4000K) is a natural colour and provides a clean light with a softer tone, which is ideal for kitchen, dining and bathrooms.

Warm White (3000K) is a mellow and comfortable colour with warm inviting tones suited to lounge rooms, bedrooms and cooler climates.

FEATURES & BENEFITS

- 3 output colours (3000K, 4000K and 6000K) ◦
- Built in controller (no special wiring needed) ◦
- Brushed aluminium and white trims included ◦
- Designer finish with slimline lip & recessed face ◦
- Inbuilt heat sink for long lamp life ◦
- High output LED chips ◦
- Wide beam angle (95 degrees) ◦
- Dimmable power supply ◦
- Compatible with most automation systems ◦
- Opaque diffuser ◦
- No harmful UV output ◦
- Large 6 mm terminals ◦

TECHNICAL INFORMATION

- Total power consumed: < 12W*
- Lumen output: White 1100lm, Neutral White 1000lm and Warm White 900lm
- Output colours: White (6000K), Neutral White (4000K) and Warm White (3000K)
- Efficacy: up to 92lm/W (White)
- Beam angle: 95 degrees
- IP rating: IP44
- Power supply: 350mA constant current
- Average life: 40,000 hrs**
- Warranty: 4 years (7 years for PLL)
- Diameter: 110 mm | Cut-out: 90 mm | Depth: 66 mm
- Kit includes: 1 x LED downlight (white trim), 1 x brushed aluminium trim, 1x dimmable driver/controller with flex & plug

* Total power consumed including driver

**Average life of driver



AVAILABLE UPGRADES:

- Square trims (white, brushed aluminium, 316 grade stainless steel)
- Round trims (316 grade stainless steel, brass, black)
- 130 mm trim (white, brushed aluminium & brass)
- 170 mm adapter plate (white & brushed aluminium)
- Surface mounted enclosure (white or silver)

