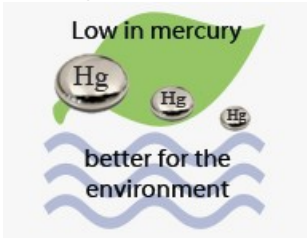


## Installing ecoBright® ecobulb® CFL Downlights

### Why has this bulletin been issued?



This bulletin provides additional information on the installation of the ecoBright® ecobulb® 15W Compact Fluorescent Lamp (CFL) downlight kits.

As an effective retrofit solution and backed by a

2 year warranty, the ecoBright® ecobulb® 15W CFL downlight kit is self ballasted, mains wired and fits neatly into the ceiling space left by existing 50W, 35W or 20W halogen downlights.

The diameter of the downlight assembly itself is 80mm and adapter plates are available in white and brushed chrome for holes up to 135mm.

Installation must be completed by a registered electrician and wiring takes only a few minutes. A brief video on installing these downlights is available at the ecoBright® website at:

[http://www.ecobright.com.au/prods/lmp/eb/fit\\_cfl.dl.htm](http://www.ecobright.com.au/prods/lmp/eb/fit_cfl.dl.htm)



Figure 1. The ecoBright® ecobulb® range of downlight products showing 15W downlight lamp fittings in white and brushed chrome, white and brushed chrome adaptors, downlight fitting with adaptor plate attached and replacement inner bulb.

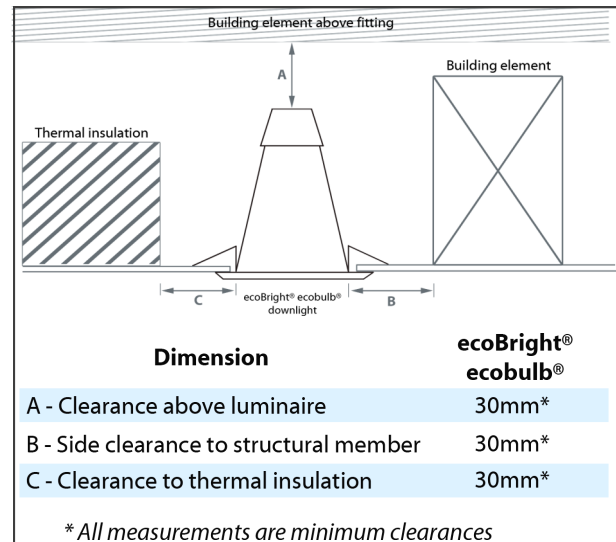


Figure 2. Installation diagram showing the ecoBright® ecobulb® Luminaire in place within a ceiling space. Note the spring loaded clips either side of the Luminaire hold it in place. Ceiling clearance dimensions are also shown.

### Lamp & Ballast rated life

The ecoBright® ecobulb® CFL downlight is non-dimmable and has a ballast rated to last 30,000 hours (approximately 30 years).

The lamp itself is rated to 10,000 hours (approximately 10 years), replacement lamps are available from your nearest ecoBright® office and are easy to remove and re-fit.

### Installation clearances

As a low heat generating downlight, the ecoBright® ecobulb® CFL downlight kit has a manufacturer's recommended minimum clearance distance of 30mm (see figure 2). Please ensure the stated clearances are observed, insulation must never be placed directly over the lamp assembly.

The clearance needed is much less than the mandatory requirement of 250mm for existing old technology halogen downlights. Lower clearance requirements minimises any un-insulated areas in ceilings and the sealed unit significantly reduces draughts.

**DISCLAIMER:** The information contained herein is drawn from various sources and is understood to be correct at the time of publication. The information may not be free from errors or may be inappropriate for a specific application. ecoBright® accepts no liability whatsoever, to any person for any injury, loss or damage that may arise in connection with any use or reliance on the information. Please contact ecoBright® staff to discuss your specific application.

### Contact us at:

**ecoBright® energy solutions**  
Office 15, 207-211A Buckley Street  
Essendon VIC 3040 Australia  
T 1300 133 666 F +61 3 9331 0028

**ecoBright® energy solutions**  
Unit 16, 6 Airborne Road  
Albany NSC 0632 New Zealand  
T +64 9 415 7345 F + 64 9 415 7346