

# FACT SHEET #001

Date: August 2012



## Compact Fluorescent Lamps:

Compact Fluorescent Lamps or “CFL’s” as they are commonly referred to, have become a popular lamp replacement option for many lighting situations in New Zealand and Australia.

Marketed for their efficiency and long performance life they make a sensible and sustainable lighting option.

However, most CFL lamp manufacturers warn about their use when installed in ‘enclosed’ light fittings such as recessed luminaire fittings, unless specifically manufactured for this type of installation.

The New Zealand Government’s consumer advice website ‘Energywise’ states the following with respect to CFL’s;

### ***Compact Fluorescent Lamps - When to avoid using them;***

- *Where you need instant light*
- *With dimmers (unless you purchase a special dimmer version)*
- *With sensors and other electronic switches (unless you choose a special high-switch version suited to these applications)*
- *For recessed down lights with built in reflectors (unless the fitting is designed to take them)*
- *Where the fitting is enclosed with no ventilation (this may shorten the life expectancy of the bulb)*
- *For task lighting*

For more information refer to <http://www.energywise.govt.nz/content/compact-fluorescent-lamps>

Cosydome agrees with this approach. We advise all consumers considering the use of CFL and LED replacement lamps to be sure that their existing downlight (recessed luminaire or enclosed fitting) is capable of receiving a CFL lamp and that its enclosed design will not compromise the performance of the proposed replacement lamp. Reputable manufactures will state this on the lamp packaging and warranty sheets.

Sincerely,

Cosy Dome Limited.

