

Lighting with Light Emitting Diodes (LEDs)

LED lighting utilises the latest electronic lighting diode technology. They are available in white and blue illumination and have an extremely long lamp life exceeding 50,000 hours. The range has the ability to produce “pure colours” that are not possible to achieve with other light sources. They also operate at very low power consumption, making them perfect for applications where lights need to be left running for long periods of time. LED lighting has no filaments so they seldom require replacing and are very compact in size, while offering high resistance to vibration or shock.

LED Lighting shall:

- Be genuine 50W halogen replacement
- Have CREE chip light engine
- Have heatsink design that ensures ultimate performance in heat dissipation
- Provide minimum 50,000 hour lamp life
- Ensure dimmable compatibility with Clipsal dimmers including C-bus
- Have ‘Thermal Windback’ to wind back the output of the lamp to a lower level and to allow the unit to cool. In particular if insulation is covering the fitting’s rear housing.