

# High Frequency – Comply with Building Regs & save energy

## Building Regulations – Part L2 A & B

This document released in April 2006, ensures efficient usage of optics, control gear and lamps throughout new and existing buildings. It stipulates 45 luminaire lumens per circuit watt within office, industrial and storage areas. To achieve this in offices high frequency fittings with triphosphor lamps must be used.

The use of switch start fittings is limited to other areas but we recommend guidance is sought to assist compliance.

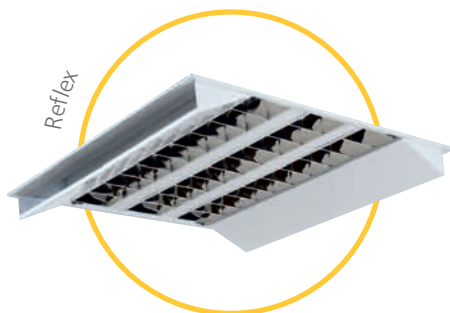
Contact our Lighting Design Department on **01747 858120** for assistance on L2 and up to date compliance on all our products. They also offer a free lighting design service utilising our full range of luminaires.

## Lower Power Consumption

Circuit wattage is reduced by as much as 30% when using high frequency as opposed to conventional wire wound control gear. Along with reduced energy bills a lower power consumption will help towards a 12.5% reduction in greenhouse gas emission by 2012; the level set by the government in line with the 1997 Kyoto Summit

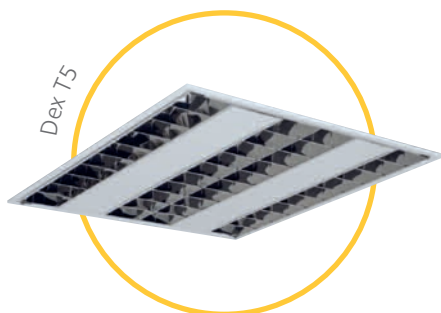
## Longer Lamp Life

A lamp's expected life is significantly longer when run off high frequency control gear, drastically reducing maintenance costs



## No Flicker & Instant Start

Unlike wire wound control gear, which flickers 100 times per second (50hz), a high frequency ballast, which operates between 40-100 khz, will show no noticeable signs of flicker whilst always offering an instant start



## Silent Operation & Lower Working Temperatures

Along with 'noise free' operation high frequency control gear also works efficiently at lower temperatures than standard wound chokes. This contributes less to the surrounding environment reducing the load placed upon air conditioning units

Subject to Denmans Terms & Conditions

Contact our local branch:

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