Dimming Compatibility

It is important to appreciate that not all dimmer switches will provide effective, smooth and flicker free dimming. The operation of common mains voltage AC dimmers appears similar but the electrical characteristics vary significantly. While this makes no difference to filament lamps, the effect on the electronics within the LED lamp can be dramatic and are often incompatible. Please note that all information in this guide is based on testing under laboratory conditions and should be used as guidance only. Because of the complicated application environment, the huge variation in dimmer construction from one model to another it is not possible to guarantee that a lamp will work with a particular dimmer and undesirable effects could be observed even with recommended dimmer switches. In extreme cases incompatible dimmer switches may damage the lamps. **Please ensure that the set-up is tested for performance before committing to a large project.**

Recommended Dimmer Switches:

Manufacturer	Model	Marked Rating	Notes
Click	CMA145 (or MD9022)	250W	1 to 16 lamps. Approximately 75% dimming.
Hamilton	H-LEDSTAT-GR	100W	1 to 16 lamps. Approximately 90% dimming.
Hamilton	H-GDM400W	400W	1 to 16 lamps. Approximately 70% dimming.
Hamilton	L400/2 (or N4002)	400W	1 to 16 lamps. Approximately 70% dimming.
MK	K1534RP***	250W	1 to 16 lamps. Approximately 70% dimming.
Varilight	V-Pro	100W LED	1 to 16 lamps. Approximately 90% dimming.
Zano	ZGRID500	50W LED	1 to 16 lamps. Approximately 65% dimming.