

## Telica Fixed TEL10x-xxx (V1.5 03.06.2021)

### Mains Dimming Compatibility

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 driver can be dramatic and incompatible. The recommendations given are based on laboratory testing and should be used as guidance. The complicated application environment and huge variation in dimmer construction mean it is not possible to guarantee that a dimmer will work perfectly. In extreme cases incompatible dimmer switches may damage the LED drivers. Please ensure that the set-up is tested for performance before committing to a large project.

#### [Recommended Dimmer Switches for Mains Dimming:](#)

| Manufacturer | Model              | Marked Rating | Notes        |
|--------------|--------------------|---------------|--------------|
| Aurora       | AU-DSP400X         | 400W          | Leading      |
| BG           | DM400AP            | 5-50W LED     | Leading      |
| Click        | CMA145 (or MD9022) | 250W          | Leading      |
| CYANIRIS     | CYDIMRFT1 (Remote) | 2 x 288W      | Programmable |
| Hamilton     | H-GDM400W          | 400W          | Trailing     |
| Hamilton     | H-LEDStat          | 100w          | Programmable |
| Hamilton     | L400/2 (or N4002)  | 400W          | Leading      |
| Varilight    | Eclique (JDQI401S) | 400W          | Trailing     |
| Varilight    | V-Dim              | 400W          | Leading      |
| Varilight    | V-Pro              | 100W LED      | Programmable |
| Zano         | ZGRID500           | 50W LED       | Leading      |