

DIMMERABLE MEGAMAN LIGHTBULBS

Note: Dimmerable Lamps operate differently to standard incandescent lamps and cannot be replaced one for one on a lighting circuit. Please see the instructions below to work out the loadings. Megaman will not be responsible for installations completed where the loadings are ignored. The best type of dimmers for our lamps are inductive dimmers. The lamps are not recommend for soft start, digital, slide or touch dimmers as these can have a high in-rush current.

Dimmers that are fully approved are: (Permissible Dimmerable load)

Plate Dimmers

Richmond

600TE family (JPP600TE –inc std faceplate) (30 – 220W)

2X400TE family (2-gang double width box) (30 – 150W)

ECUMP400CFL (TBD)

Varilight - Low load dimmers

HQ7W (1-gang, 2-way) (11-66W)*

HQ77W (2-gang, 2-way) (11-66W)*

HDQ7S (1-gang, 2-way) (11-66W)*

HDQ77S (2-gang, 2-way) (11-66W)*

Other gang configurations / plate finishes available from manufacturer.

GET Ultimate LV range

GU6011LV (1-gang, 1-way) (15-67W)*

GU6012LV (1-gang, 2-way) (15-67W)*

GU6022LV (2-gang, 2-way) (8-42W)*

Other gang configurations / plate finishes available from manufacturer.

Inline Dimmers

Rako (Wireless control)

RDT500CFL (10-150W)

RDL500 (30–65W)

RDL250 (20–45W)

Eltako

EUD61NPN-UC (10–100W)

EUD12NPN-UC (10–100W)

FUD61NPN-230V (Wireless control) (10–100W)

Although not fully approved, these dimmers have achieved good results:

Richmond ECU250/ECU400*. Grid400CFL*.

Grid - MEMSTYLE dimmer range / Home Automation / Eaton – Cutler Hammer

HA5231LV (250VA) (8-42W)*

HA5241LV (400VA) (15-67W)*

Crabtree(CRO-1W250,CRO-1W400,CRO-2W400)

Rako RDT-500 Trailing edge transistor dimmer

Varilight IQ range

* These dimmers do not have an adjustable bottom stop potentiometer, which may allow the lamps to be dimmed too far, causing the lamps to extinguish or flicker before the minimum setting is reached.

Notes:

- Dimmer range limiting potentiometers require setting during installation.
- Dimmerable GU10 lamps will be affected by overheating / incompatible fittings in the same way non-dimming reflector lamps suffer.
- Dimming controls with preset levels need to be configured when installing system.
- If the lamp is used with non approved dimmers, and unusual lamp performance is experienced (i.e. early extinguishment or flashing), lamp life will be effected. Simply changing the dimmer will not recover previously damaged lamps.
- Installations with excessive electrical disturbance, or non-standard supply features, may require additional measures in order to be to be 100% compatible with Dimmerable lamps.