

Dimming Recommendations For: “Fireguard LED7” (Dimmable)

Issue: SA. 01.10.13



Dimmer Type Model Number	Loading Comments	Dims down to %
M K (40 – 250W) Model No. K1531(1 Gang) K1532 (2 Gang) Logic Plus Rotary Style	Loading x 1 – 6 Max luminaires Per Gang	Dims to 10%
MK (4 – 70 W) Model No. K1523WHILV Logic Plus Rotary style 2 Way (1 Gang)	Loading x 2 - 10 luminaires	From 2% > Adjustable (please refer to dimmer Manufacture instruction sheet)
MK Model No. K4511LV Grid 1 Module 2 Way 40- 220W/180VA/4-70W	Loading x 2 - 10 luminaires	From 2% > Adjustable (please refer to dimmer Manufacture instruction sheet)
Varilight V-Pro Model No. JQP401W (Software release 10B and later)*	Loading x 2 - 10 luminaires	From 2% > Adjustable (may also require a resistive load) **
crabtree (60 -250W) Model No. Cro-1w250 Rotary Style 1 way (1 Gang)	Loading x 2 - 10 luminaires	Dims to 20% (may also require a resistive load) **
Z GRID 500 (40 -500W) Rotary Style Grid 2 way (1 Gang)	Loading x 2 - 10 luminaires	Dims to 10% (may also require a resistive load) **
Marbo Excel (60 – 250W) Hdr-250 1 way (1 Gang)	Loading x 2 - 10 luminaires	Dims to 0% (may also require a resistive load) **

* Varilight V-pro software release 10B or later only can be used on the Fgled7

** Resistive loads are used to overcome stability issues (flickering / pulsing) when dimming led lamps these are available from Danlers under product code RESLOAD or Zano controls product code ZRES25WHS

Rako system

Rako RDL 500 leading edge 1 - 10 fittings
Rako RDT 500 Trailing edge 1 - 10 fittings

Lutron system

Lutron dimmers: HW-RPM 4A-230, HW-RPM-4U-230, Grafik eye (s) GRX 3102-T-CE, GXI-3104-T-CE, QSGRK-3PCE, Rania RNSU-452-FAW and RNDU-252B.

Condition of testing: a minimum of 1 to a maximum of 10-12 led were connected to the dimming circuit. For a single Rania 10 led max. Dual Rania will require 2 synthetic loads to operate a maximum of 6 fitting per circuit. The dimming was smooth and no flickering has been visible, the low end setting is required at around 5 – 10 % the equivalent incandescent rating of the fitting is 47W

Please Note: This information is correct at time of issue and Results may be different under actual field conditions and is subject to change either by JCC lighting products or the manufacture of the dimmer modules outlined in this document.