

## Rako Controls - Dimmer Compatibility Chart

Model	Description	Min Load*	Max Load**															
				240v Tungsten (GLS)	240v Tungsten Halogen	Low Voltage Tungsten Halogen	1-10v Dimmable Tungsten Halogen	DSI Dimmable Fluorescent	DALI Dimmable Fluorescent	240v Dimmable Fluorescent	1-10v Dimmable Fluorescent	DMX Controlled Cold Cathode	Low Voltage Dimmable Cold Cathode	DMX Controlled/Dimmable LED	0-10v Controlled/Dimmable LED	DMX Controlled Fibre Optic	DMX Controlled Fibre Optic	
RDT-PILL	Trailing edge RF dimmer, external aerial	60w	250w	✓	✓													
RDL250C	Leading edge RF dimmer, external aerial	20w	250w	✓	✓	✓					✓			✓				
RDL250L	Leading edge RF dimmer, internal aerial	20w	250w	✓	✓	✓					✓			✓				
RDL500C	Leading edge RF dimmer, external aerial	20w	500w	✓	✓	✓					✓			✓				
RDL500L	Leading edge RF dimmer, internal aerial	20w	500w	✓	✓	✓					✓			✓				
RDL1200C	Leading edge RF dimmer, external aerial	20w	1200w	✓	✓	✓					✓			✓				
RDS800C	<b>Switching Only</b> RF module, external aerial	none	800w	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RDF800C	0-10v Fluorescent RF dimmer, external aerial	none	5 fittings				✓				✓			✓			✓	✓
RDDSI	DSI Fluorescent RF dimmer, external aerial	none	25 fittings					✓	⊗									
RDDALI	DALI Fluorescent RF dimmer, external aerial	none	25 fittings						✓									
RADMX	DMX 8 channel RF controller, external aerial	n/a	8 DMX Ch									✓		✓				✓
RAK-4	4 Channel trailing edge RF dimmer rack	40w	1200w	✓	✓	✓					✓			✓				✓

⊗ **Tridonic 'One4All' dimmable ballasts accept both DSI & DALI control signals**

\* **Minimum circuit/channel loadings:** The minimum loading required for the dimmer to operate properly

\*\* **Maximum circuit/channel loadings:**

*RDLxxx - LV Tungsten, de-rate dimmers by 10% for transformer losses*

*RDLxxx - Cold Cathode, de-rate dimmers by 25% for transformer losses*

*RDF800C - Check with Rako office for maximum loading available for fluorescent, cold cathode and fibre optic loads*

*RDDSI - DSI loads, 25-50 fittings are controllable when mains supply is fed directly to light fittings rather than the Rako unit*

*RADMX - DMX512, a total of 8 DMX addresses are controllable. Check with fitting manufacturer or Rako office for compatibility*

*RAK-4 - LV Tungsten, de-rate dimmers by 10% for transformer losses*

*RAK-4 - Cold Cathode, de-rate dimmers by 25% for transformer losses*