

Recommended Dimmers for CR6™

Recessed Downlight*

Cree, Inc.
 Morrisville, NC 27560 USA
 Phone (919) 287-7700
 Fax (919) 991-0730
www.CreeLEDLighting.com

Manufacturer	Series/Model	Part Number(s)	Type	Min/Max Fixtures Per Dimmer
Leviton®	Decora®	6631	600W Incandescent	2 - 8
	Illumatech®	IPIO6	600W Incandescent	2 - 8
	Trimatron®	6683	600W Incandescent	2 - 8
	Vizia®	VPIO6, RPIO6	600W Incandescent	3 - 8
	Acenti®	ATIO6-1LW	600W Incandescent	3 - 8
Lutron®	Nova T®	NTELV-600	600W Electronic Low Voltage	1 - 10
	Nova®	NLV-1503P	1500W Magnetic Low Voltage	3 - 21
	Skylark®	S-600 or S-600P	600W Incandescent	2 - 8
	Skylark®	SLV-600P	600W Magnetic Low Voltage	1 - 10
	Skylark®	SELV-300P	300W Electronic Low Voltage	1 - 10
	Skylark®	SF-10P or SF-103P	8A 3-Wire Fluorescent	1 - 12
	Diva®	DV-600P, DV603P	600W Incandescent	2 - 8
	Diva®	DV-10P	1000W Incandescent	2 - 15
	Diva®	DVLV-600P	600W Magnetic Low Voltage	1 - 10
	Diva®	DVELV-300P	300W Electronic Low Voltage	1 - 10
	Maestro Wireless	MRF2-6ND	600W Incandescent	1 - 8
	RadioRA 2	RRD-10ND	Incandescent	1 - 12
	RadioRA 2	RRD-8ANS	Incandescent	1 - 12
	RadioRA 2	RRD-6NA	Incandescent	1 - 36

The CR6 is designed to be dimmed with standard incandescent type dimmers, and is also compatible with most Magnetic Low Voltage (MLV) and Electronic Low Voltage (ELV) type dimmers. Due to the CR6 custom electronic design and the minimum loading requirements of most dimmers, it should generally be treated as a 75W load when sizing dimmers. The recommended list is generated from laboratory testing, and the results can vary in certain field applications due to a number of factors. The absence of a dimmer from this chart does not necessarily imply incompatibility. Please reference the dimmer manufacturer's instructions for installation.

APPLICATION NOTES

- Due to an electronic characteristic known as Repetitive Peak Current, which results from inrush current at the phase cut, Cree downlights should be treated as a 75W load for sizing purposes when used with dimmers.
- In situations where there are multiple dimming circuits sharing the same breaker feed, ELV dimmers should be used.

*The presence of a dimmer on this chart is not a guarantee or warranty of the compatibility in any particular installation. The absence of a dimmer from this chart does not necessarily imply incompatibility. Please reference the dimmer manufacturer's instructions for installation and further product information.