

# LR6 Series

LED Downlight Dimming Compatibility

Rev. Date: V3 12/20/2022

## LR6 Series 6" Downlights – Dimming Compatibility

<b>LR6 Dimming – 120V</b> <b>For use with: LR6-7L-27K-GU24-E26, LR6-7L-35K-GU24-E26, LR6-7L-40K-GU24-E26, LR6-10L-27K-GU24, LR6-10L-35K-GU24, LR6-10L-40K-GU24, LR6-18L-27K-GU24, LR6-18L-35K-GU24, LR6-18L-40K-GU24</b>							
Manufacturer	Series	Part Number(s)	Load Type	Phase Cut Edge	Rating (W)	Lights/Dimmer	Lowest Dimming Level
Cooper	React	6020	Incandescent	Leading	600	1-6	20%
	Aspire®	9530WS	Incandescent/MLV	Leading	600	1-6	20%
	Aspire®	9540WS	Incandescent/MLV	Leading	1000	1-10	10%
	Devine®	DI06P-V	Incandescent/MLV	Leading	600	1-6	20%
	Devine®	DI10P	Incandescent/MLV	Leading	1000	1-11	10%
	React®	RI101	Incandescent	Leading	1000	1-10	20%
	Skye®	SI061	Incandescent	Leading	600	1-6	10%
	Skye®	SI06P	Incandescent/MLV	Leading	600	1-6	10%
	Skye®	SI10P	Incandescent/MLV	Leading	1000	1-10	20%
	Skye®	SLC03P	CFL/LED	Leading	300	1-3	5%
	Trace®	TI061-W	Incandescent	Leading	600	1-6	20%
Leviton	Trimatron™	6602	Incandescent	Leading	600	1-5	5%
	Decora SureSlide®	6613	MLV	Leading	450	2-4	10%
	Decora SureSlide®	6615	ELV	Trailing	300	1-12	20%
	Decora SureSlide®	6633	Incandescent	Leading	600	1-5	5%
	Trimatron™	6681	Incandescent	Leading	600	1-6	5%
	SureSlide®	6631-LW	Incandescent	Leading	600	1-6	5%
	Decora SureSlide®	6673-P	CFL	Leading	300	1-3	10%
	Acenti®	ACE06	ELV	Trailing	600	1-24	20%
	Decora	HCM06-1DW	Incandescent/MLV	Leading	600/450	1-6	20%
	Illumatech®	IPE04	ELV	Trailing	300	1-12	20%
	Illumatech®	IPI06	Incandescent	Leading	600	1-6	5%
	Illumatech®	IPI10	Incandescent	Leading	1000	2-10	5%
	Illumatech®	IPM10	MLV	Leading	750	2-6	20%
	Mural®	MDE03-1LW	ELV	Trailing	350	3-11	5%
	Vizia®	VPE04	ELV	Trailing	400	2-16	10%
	Vizia®	VPE06	ELV	Trailing	600	2-8	20%
	Vizia +®	VPM10	Incandescent/MLV	Leading	1000	2-9	10%
Lutron	Ariadni®	AY-600P	Incandescent	Leading	600	4	20%
	Centurion®	C-600	Incandescent	Leading	600	1-6	5%
	Ceana®	CN-600P	Incandescent	Leading	600	1-6	10%
	Ceana®	CNLV-600P	MLV	Leading	600	1-5	20%
	Diva®	DV-10P	Incandescent	Leading	1000	1-9	20%
	Diva®	DV-600P	Incandescent	Leading	600	1-5	20%
	Diva®	DVCL-153P	CFL/LED	Leading	600	1-5	5%
	Diva®	DVELV-300P	ELV	Trailing	300	1-12	10%
	Diva®	DVF-103P	Fluorescent	Leading	1000	1-8	10%
	Diva®	DVLV-600P	MLV	Leading	450	1-4	20%
	Diva®	DVWCL-153DH	CFL/LED	Leading	150	1-2	10%
	Faetra®	FAELV-500	ELV	Trailing	500	1-20	20%
	Glyder	GL-600H	Incandescent	Leading	600	1-5	5%
	Lumea®	LG-603PG	Incandescent	Leading	600	1-6	20%
	Lyneo™	LX-600PL	Incandescent	Leading	600	1-6	10%
	Maestro®	MAELV-600	ELV	Trailing	600	1-21	20%
	Maestro®	MAW-600	Incandescent	Leading	600	4-5	5%


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### LR6 Series 6" Downlights – Dimming Compatibility

<b>LR6 Dimming – 120V</b> <b>For use with: LR6-7L-27K-GU24-E26, LR6-7L-35K-GU24-E26, LR6-7L-40K-GU24-E26, LR6-10L-27K-GU24, LR6-10L-35K-GU24, LR6-10L-40K-GU24, LR6-18L-27K-GU24, LR6-18L-35K-GU24, LR6-18L-40K-GU24</b>							
Manufacturer	Series	Part Number(s)	Load Type	Phase Cut Edge	Rating (W)	Lights/Dimmer	Lowest Dimming Level
Lutron	Maestro®	MRF-600M	Incandescent	Leading	600	3-6	5%
	Nova®	N-600	Incandescent	Leading	600	1-6	10%
	Nova®	NLV-1503P	MLV	Leading	1200	1-11	10%
	Nova T®	NT-603P	Incandescent	Leading	600	1-6	10%
	Nova T®	NTB-600	Incandescent	Leading	600	1-6	10%
	Nova T®	NTELV-600	ELV	Trailing	600	1-24	20%
	RadioRA 2®	RRD-10ND	Incandescent/MLV	Leading	1000	1-10	5%
	RadioRA 2®	RRD-6NA	ELV	Trailing	600	1-24	5%
	Skylark®	S-10P	Incandescent	Leading	1000	1-9	10%
	Skylark®	S2-L-WH	Incandescent	Leading	300	1-3	5%
	Skylark®	S-600P	Incandescent	Leading	600	1-6	5%
	Skylark®	SELV-300P	ELV	Trailing	300	1-12	10%
	Skylark®	SLV-600P	Incandescent/MLV	Leading	600	1-6	20%
	Toggler®	TG-600PH	Incandescent	Leading	600	2-5	20%
Pass & Seymour	WideSlide	90680-W	Incandescent	Leading	600	1-7	10%
Pass & Seymour	LaGrand	LS600	Incandescent	Leading	600	1-6	10%
Wattstopper	Miro®	MCD267-W	Incandescent	Leading	600	1-7	5%
<b>LR6 Dimming – 277V</b> <b>For use with: LR6-7L-27K-277V, LR6-7L-35K-277V, LR6-7L-40K-277V, LR6-10L-27K-277V, LR6-10L-35K-277V, LR6-10L-40K-277V, LR6-18L-27K-277V, LR6-18L-35K-277V, LR6-18L-40K-277V</b>							
Manufacturer	Series	Part Number(s)	Load Type	Phase Cut Edge	Rating (W)	Lights/Dimmer	Lowest Dimming Level
Leviton	Renoir™ II	AWSMT-EAW	ELV	Trailing	692	1-6	5%

\* The LR6™ LED Downlights are designed to be dimmed with standard incandescent type dimmers, and are also compatible with most Magnetic Low Voltage (MLV) and Electronic Low Voltage (ELV) type dimmers. 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 115W 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 recommended list is generated from laboratory testing, and the results can vary in certain field applications due to a number of factors. The presence of a dimmer on this chart is not a guarantee or warranty of the compatibility of the LR6 product family 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.

 **CA RESIDENTS WARNING:** Cancer and Reproductive Harm –  
[www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

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