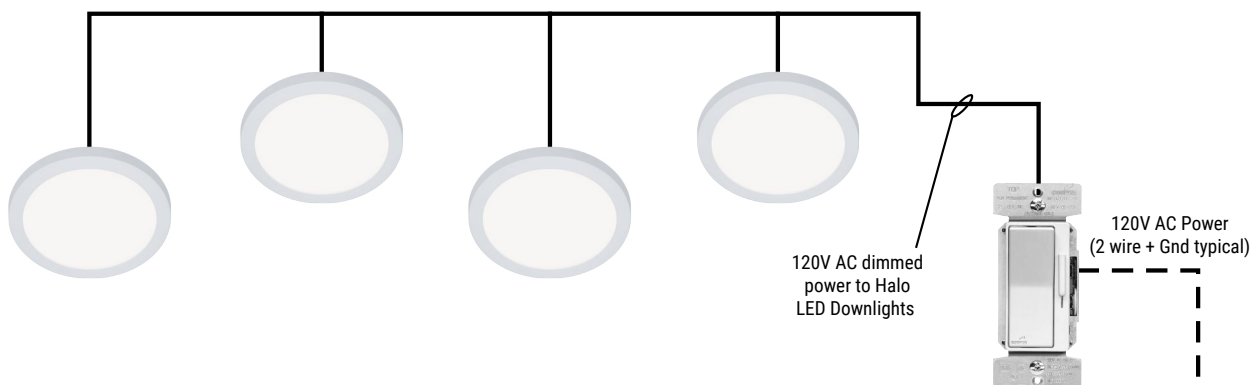


The SMD Series provides continuous dimming with reverse or forward phase cut dimmers.

Interactive Menu

- [SMD4 Round Triac - page 2](#)
- [SMD4 Square Triac - page 3](#)
- [SMD6 Round Triac - page 4](#)
- [SMD6 Square Triac - page 5](#)

Phase Control Dimming



Dimmer Make	Dimmer Series	Dimmer Model #	Minimum Luminaires (per circuit)	Maximum Recommended Luminaires (per circuit)	Min Dimming percentage (%)	Max Dimming percentage (%)	Low End Start Time
Leviton	Decora	6672	1	18	5%	98%	<1s
Leviton	SureSlide	6674	1	18	5%	97%	<1s
Leviton	SureSlide	DSL06-ILZ	1	37	5%	98%	<1s
Leviton	Illumatech	IPL06-ILZ	1	18	5%	98%	<1s
Leviton	Decora	TSL06-1LW	1	37	5%	99%	<1s ²
Leviton	SureSlide	RDL06-10Z	1	18	5%	100%	<1s
Lutron	Toggler	TG-600P	1	60	5%	99%	<1s
Lutron	Nova T	NTFTU-6A	1	60	12%	99%	<1s
Lutron	Maestro	MAW600	1	60	5%	99%	<1s
Lutron	Toggler	TGCL-153P	1	15	5%	95%	<1s
Lutron	Lumea	LG600P	1	60	5%	98%	<1s
EWD	Universal	TUL06P-C2	1	37	5%	98%	<1s
EWD	Universal	SUL06P	1	37	5%	99%	<1s
Lutron	Skylark	SCL-153P-WH	1	15	5%	98%	<1s
Leviton	Casseta	PD-10NXD	1	31	5%	97%	<1s
Lutron	Diva	DVCL-153P	1	18	5%	96%	<1s
Lutron	Maestro	MACL-153-M	1	18	5%	88%	<1s
Leviton	Vizia	VPE06	1	60	5%	99%	<1s
Leviton	Vizia	VZE04	1	60	6%	99%	<1s
Lutron	Maestro	MAELV600	1	60	6%	99%	<1s
Lutron	Faendra	FAELV500	1	50	6%	99%	<1s
Lutron	Diva	DVELV303P	1	30	5%	99%	<1s
Lutron	Skylark	SELV300P	1	30	5%	100%	<1s
EWD	Smart	AAL06	1	30	5%	99%	<1s
Lightolier	Sunrise	ZP260QEW	1	26	10%	99%	<1s
Eaton	Aspire	9530AW	1	60	5%	99%	<1s
Eaton	Skye	SF8AP	1	97	8%	99%	<1s
Eaton	React	RI061	1	60	5%	99%	<1s
Eaton	Devine	TAL06P	1	37	5%	99%	<1s
Eaton	Toggle	DAL06P	1	37	5%	99%	<1s
Eaton	Skye	SAL06P	1	37	5%	99%	<1s ²
Eaton	Skye	SLC03P	1	37	5%	100%	<1s ²
Eaton	Devine	DLC03P	1	37	5%	99%	<1s
Eaton	Toggle	TI061	1	60	5%	100%	<1s
Lutron	Ariadni	AY-600P	1	60	5%	99%	<1s
Lutron	Contour	CT-103P	1	101	5%	99%	<1s
Lutron	Contour	CT-600P	1	60	5%	99%	<1s
Lutron	Rotary	D-600P	1	60	5%	97%	<1s
Lutron	Diva	DV-600P	1	60	5%	98%	<1s
Lutron	Glyder	GL-600P	1	60	5%	98%	<1s
Lutron	Lumia	LG-600PH	1	60	5%	99%	<1s
Lutron	Maestro	MA-600	1	60	6%	99%	<1s
Lutron	Nova	N-600	1	60	5%	99%	<1s
Lutron	Skylark	S-600P	1	60	5%	99%	<1s
Lutron	Centurion	C-600P	1	60	5%	99%	<1s
Lutron	Ariadni	AYLV-600P	1	60	5%	99%	<1s
Lutron	Glyder	GLV-600	1	45	5%	99%	<1s
Lutron	Diva	DVLV-600P	1	45	5%	98%	<1s
Lutron	Lumina	LG-103P	1	101	5%	98%	<1s
Leviton	Digital	DDL06-1LZ	1	37	5%	99%	<1s
Lutron	Skylark	SLV-600P	1	45	5%	99%	<1s
EWD	Universal	DUL06P-C7	1	60	5%	99%	<1s
Lutron	Nova	NTLV-600	1	45	5%	99%	<1s
Lutron	Nova	NT-600	1	60	5%	99%	<1s
Lutron	LCP128 (TRIAC)	LP-RPM-4U-120	1	194	0%	100%	NA ¹
Lutron	LCP128 (ELV)	LP-RPM-4A-120	1	121	1%	100%	<1s
Ecospec	LDCM	LDCM-PL-120-277-010V-GR	1	45	5%	100%	<1s

1. Dims to Off

2. Flash at Start up

Dimmer Make	Dimmer Series	Dimmer Model #	Minimum Luminaires (per circuit)	Maximum Recommended Luminaires (per circuit)	Min Dimming percentage (%)	Max Dimming percentage (%)	Low End Start Time
Leviton	Decora	6672	1	18	5%	98%	<1s
Leviton	SureSlide	6674	1	18	5%	99%	<1s
Leviton	SureSlide	DSL06-ILZ	1	37	5%	99%	<1s
Leviton	Decora	TSL06-1LW	1	37	5%	98%	<1s ²
Leviton	SureSlide	RDL06-10Z	1	18	5%	99%	<1s
Lutron	Toggler	TG-600P	1	60	5%	98%	<1s
Lutron	Nova T	NTFTU-6A	1	60	12%	99%	<1s
Lutron	Toggler	TGCL-153P	1	15	5%	96%	<1s
Lutron	Lumea	LG600P	1	60	5%	98%	<1s
EWD	Universal	TUL06P-C2	1	37	5%	98%	<1s
EWD	Universal	SUL06P	1	37	5%	98%	<1s
Lutron	Skylark	SCL-153P-WH	1	15	5%	98%	<1s
Leviton	Casseta	PD-10NXD	1	31	5%	98%	<1s
Lutron	Maestro	MACL-153-M	1	18	5%	90%	<1s
Leviton	Vizia	VPE06	1	60	4%	100%	<1s
Leviton	Vizia	VZE04	1	60	6%	100%	<1s
Lutron	Maestro	MAELV600	1	60	6%	99%	<1s
Lutron	Faendra	FAELV500	1	50	6%	99%	<1s
Lutron	Diva	DVELV303P	1	30	5%	99%	<1s
Lutron	Skylark	SELV300P	1	30	5%	99%	<1s
EWD	Smart	AAL06	1	30	5%	99%	<1s
Lightolier	Sunrise	ZP260QEW	1	26	10%	100%	<1s
Eaton	Aspire	9530AW	1	60	5%	100%	<1s
Eaton	Skye	SF8AP	1	97	8%	99%	<1s
Eaton	React	RI061	1	60	5%	99%	<1s
Eaton	Devine	TAL06P	1	37	5%	99%	<1s
Eaton	Toggle	DAL06P	1	37	5%	100%	<1s
Eaton	Skye	SAL06P	1	37	5%	100%	<1s ²
Eaton	Skye	SLC03P	1	37	5%	99%	<1s
Eaton	Devine	DLC03P	1	37	5%	99%	<1s
Lutron	Ariadni	AY-600P	1	60	5%	98%	<1s
Lutron	Contour	CT-103P	1	101	5%	98%	<1s
Lutron	Contour	CT-600P	1	60	5%	98%	<1s
Lutron	Rotary	D-600P	1	60	5%	96%	<1s
Lutron	Diva	DV-600P	1	60	5%	98%	<1s
Lutron	Glyder	GL-600P	1	60	5%	98%	<1s
Lutron	Lumia	LG-600PH	1	60	5%	98%	<1s
Lutron	Maestro	MA-600	1	60	6%	99%	<1s
Lutron	Nova	N-600	1	60	5%	99%	<1s
Lutron	Skylark	S-600P	1	60	5%	98%	<1s
Lutron	Centurion	C-600P	1	60	5%	99%	<1s
Lutron	Ariadni	AYLV-600P	1	60	5%	99%	<1s
Lutron	Glyder	GLV-600	1	45	5%	99%	<1s
Lutron	Diva	DVLV-600P	1	45	5%	98%	<1s
Lutron	Lumina	LG-103P	1	101	5%	98%	<1s
Leviton	Digital	DDL06-1LZ	1	37	5%	99%	<1s
Lutron	Skylark	SLV-600P	1	45	5%	98%	<1s
EWD	Universal	DUL06P-C7	1	60	5%	98%	<1s
Lutron	Nova	NTLV-600	1	45	5%	99%	<1s
Lutron	Nova	NT-600	1	60	5%	99%	<1s
Lutron	LCP128 (TRIAC)	LP-RPM-4U-120	1	194	0%	99%	NA ¹
Lutron	LCP128 (ELV)	LP-RPM-4A-120	1	121	1%	99%	<1s
Ecospec	LDCM	LDCM-PL-120-277-010V-GR	1	45	5%	100%	<1s

1. Dims to Off

2. Flash at Start up

Dimmer Make	Dimmer Series	Dimmer Model #	Minimum Luminaires (per circuit)	Maximum Recommended Luminaires (per circuit)	Min Dimming percentage (%)	Max Dimming percentage (%)	Low End Start Time
Leviton	Decora	6672	1	18	5%	98%	<1s
Leviton	SureSlide	6674	1	18	5%	98%	<1s
Leviton	SureSlide	DSL06-ILZ	1	37	5%	96%	<1s
Leviton	Illumatech	IPL06-ILZ	1	18	5%	96%	<1s
Leviton	Decora	TSL06-1LW	1	37	5%	97%	<1s
Leviton	SureSlide	RDL06-10Z	1	18	5%	98%	<1s
Lutron	Toggler	TG-600P	1	60	5%	97%	<1s
Lutron	Maestro	MAW600	1	60	5%	97%	<1s
Lutron	Toggler	TGCL-153P	1	15	4%	95%	<1s
Lutron	Lumea	LG600P	1	60	4%	97%	<1s
EWD	Universal	TUL06P-C2	1	37	5%	97%	<1s
EWD	Universal	SUL06P	1	37	5%	97%	<1s
Lutron	Skylark	SCL-153P-WH	1	15	5%	97%	<1s
Leviton	Casseta	PD-10NXD	1	31	5%	96%	<1s
Lutron	Diva	DVCL-153P	1	18	4%	96%	<1s
Leviton	Vizia	VPE06	1	60	5%	99%	<1s
Leviton	Vizia	VZE04	1	60	4%	99%	<1s
Lutron	Maestro	MAELV600	1	60	5%	98%	<1s
Lutron	Faëdra	FAELV500	1	50	5%	98%	<1s
Lutron	Diva	DVELV303P	1	30	5%	98%	<1s
Lutron	Skylark	SELV300P	1	30	5%	98%	<1s
EWD	Smart	AAL06	1	30	4%	98%	<1s
Lightolier	Sunrise	ZP260QEW	1	26	9%	99%	<1s
Eaton	Aspire	9530AW	1	60	4%	99%	<1s
Eaton	Skye	SF8AP	1	97	9%	98%	<1s
Eaton	React	RI061	1	60	5%	98%	>1s
Eaton	Devine	TAL06P	1	37	5%	98%	<1s
Eaton	Toggle	DAL06P	1	37	5%	98%	<1s ²
Eaton	Skye	SAL06P	1	37	5%	99%	<1s
Eaton	Skye	SLC03P	1	37	5%	98%	<1s
Eaton	Devine	DLC03P	1	37	5%	98%	<1s
Lutron	Ariadni	AY-600P	1	60	4%	97%	<1s
Lutron	Contour	CT-103P	1	101	4%	96%	<1s
Lutron	Contour	CT-600P	1	60	5%	97%	<1s
Lutron	Rotary	D-600P	1	60	5%	93%	<1s
Lutron	Diva	DV-600P	1	60	5%	96%	<1s
Lutron	Glyder	GL-600P	1	60	5%	97%	<1s
Lutron	Lumia	LG-600PH	1	60	5%	97%	<1s
Lutron	Maestro	MA-600	1	60	6%	98%	>1s
Lutron	Nova	N-600	1	60	5%	98%	<1s
Lutron	Skylark	S-600P	1	60	4%	97%	<1s
Lutron	Centurion	C-600P	1	60	5%	98%	<1s
Lutron	Ariadni	AYLV-600P	1	60	4%	97%	<1s
Lutron	Glyder	GLV-600	1	45	5%	98%	<1s
Lutron	Diva	DVLV-600P	1	45	5%	98%	<1s
Lutron	Lumina	LG-103P	1	101	5%	97%	<1s
Leviton	Digital	DDL06-1LZ	1	37	5%	98%	<1s
Lutron	Skylark	SLV-600P	1	45	5%	98%	<1s
EWD	Universal	DUL06P-C7	1	60	4%	98%	<1s
Lutron	Nova	NTLV-600	1	45	5%	98%	<1s
Lutron	Nova	NT-600	1	60	5%	98%	<1s
Lutron	LCP128 (TRIAC)	LP-RPM-4U-120	1	194	0%	98%	NA ¹
Lutron	LCP128 (ELV)	LP-RPM-4A-120	1	121	1%	98%	<1s
Ecospec	LDCM	LDCM-PL-120-277-010V-GR	1	45	5%	99%	<1s

1. Dims to Off

2. Flash at Start up

Dimmer Make	Dimmer Series	Dimmer Model #	Minimum Luminaires (per circuit)	Maximum Recommended Luminaires (per circuit)	Min Dimming percentage (%)	Max Dimming percentage (%)	Low End Start Time
Leviton	Decora	6672	1	18	5%	98%	<1s
Leviton	SureSlide	6674	1	18	5%	98%	<1s
Leviton	SureSlide	DSL06-ILZ	1	37	5%	97%	<1s
Leviton	Illumatech	IPL06-ILZ	1	18	5%	97%	<1s
Leviton	Decora	TSL06-1LW	1	37	5%	97%	<1s ²
Leviton	SureSlide	RDL06-1OZ	1	18	5%	98%	<1s
Lutron	Toggler	TG-600P	1	60	5%	97%	<1s
Lutron	Nova T	NTFTU-6A	1	60	12%	97%	<1s
Lutron	Toggler	TGCL-153P	1	15	5%	96%	<1s
Lutron	Lumea	LG600P	1	60	5%	97%	<1s
EWD	Universal	TUL06P-C2	1	37	5%	97%	<1s
EWD	Universal	SUL06P	1	37	5%	96%	<1s
Lutron	Skylark	SCL-153P-WH	1	15	5%	96%	<1s
Leviton	Casseta	PD-10NXD	1	31	5%	96%	<1s
Lutron	Diva	DVCL-153P	1	18	5%	96%	<1s
Lutron	Maestro	MACL-153-M	1	18	5%	93%	<1s
Leviton	Vizia	VPE06	1	60	5%	98%	<1s
Leviton	Vizia	VZE04	1	60	5%	98%	<1s
Lutron	Maestro	MAELV600	1	60	5%	97%	<1s
Lutron	Faendra	FAELV500	1	50	5%	97%	<1s
Lutron	Diva	DVELV303P	1	30	5%	97%	<1s
Lutron	Skylark	SELV300P	1	30	5%	97%	<1s
EWD	Smart	AAL06	1	30	5%	98%	<1s
Lightolier	Sunrise	ZP260QEW	1	26	9%	98%	<1s
Eaton	Aspire	9530AW	1	60	5%	98%	<1s
Eaton	Skye	SF8AP	1	97	9%	97%	<1s
Eaton	React	RI061	1	60	5%	97%	>1s
Eaton	Devine	TAL06P	1	37	5%	98%	<1s
Eaton	Toggle	DAL06P	1	37	5%	98%	<1s
Eaton	Skye	SAL06P	1	37	5%	98%	<1s
Eaton	Skye	SLC03P	1	37	5%	97%	<1s
Eaton	Devine	DLC03P	1	37	5%	97%	<1s
Lutron	Ariadni	AY-600P	1	60	5%	97%	<1s
Lutron	Contour	CT-103P	1	101	5%	96%	<1s
Lutron	Contour	CT-600P	1	60	5%	96%	<1s
Lutron	Rotary	D-600P	1	60	5%	96%	<1s
Lutron	Diva	DV-600P	1	60	5%	96%	<1s
Lutron	Glyder	GL-600P	1	60	5%	97%	<1s
Lutron	Lumia	LG-600PH	1	60	5%	97%	<1s
Lutron	Maestro	MA-600	1	60	6%	97%	<1s
Lutron	Nova	N-600	1	60	5%	97%	<1s
Lutron	Skylark	S-600P	1	60	5%	96%	<1s
Lutron	Centurion	C-600P	1	60	5%	97%	<1s
Lutron	Ariadni	AYLV-600P	1	60	5%	97%	<1s
Lutron	Glyder	GLV-600	1	45	5%	97%	<1s
Lutron	Diva	DVLV-600P	1	45	5%	96%	<1s
Lutron	Lumina	LG-103P	1	101	5%	96%	<1s
Lutron	Skylark	SLV-600P	1	45	5%	95%	<1s
EWD	Universal	DUL06P-C7	1	60	5%	95%	<1s
Lutron	Nova	NTLV-600	1	45	5%	96%	<1s
Lutron	Nova	NT-600	1	60	5%	96%	<1s
Lutron	LCP128 (TRIAC)	LP-RPM-4U-120	1	194	0%	97%	NA ¹
Lutron	LCP128 (ELV)	LP-RPM-4A-120	1	121	1%	97%	<1s
Ecospec	LDCM	LDCM-PL-120-277-010V-GR	1	45	3%	98%	<1s

1. Dims to Off
2. Flash at Start up

Dimmer Notes:

- 1) Start time is measured at the lowest dimmer setting.
- 2) Some LED dimmers have a “rapid start” design used to provide a momentary power boost to LED and CFL lamps during start-up. When a LED luminaire is on a dimmer with “rapid start” the boost may cause a momentary flash of the LED lighting. This “flash” is generated by the dimmer, and may be more noticeable when the dimmer is at a low setting. A solution is available with EATON dimmers which provide adjustment capability of the “rapid start”: Devine (DAL06P), Accell (AAL06P), and Trace (TAL06P).

Dimming Guide Disclaimer:

- 1) Leviton® is a registered trademark of Leviton Manufacturing Co. Inc.; Lutron® is a registered trademark of Lutron Electronics Co. Inc.; Lightolier® is a registered trademark of Philips Lighting; Hubbell® is a registered trademark of Hubbell Incorporated; Legrand® and Pass & Seymour® are registered trademarks of Legrand®; Eaton® is a registered trademark of Eaton Corporation. These companies and their tradenames, trademarks or brands, where noted, are associated with their respective company and are not associated with Cooper Lighting Solutions.
- 2) Testing conducted by Cooper Lighting Solutions is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to the manufacturer specifications for more detailed information on product certifications and standards.
- 3) This is a representative list of typical dimmers as tested by Cooper Lighting Solutions for performance with the designated LED luminaires only. Test data contained in this literature is based upon dimmers obtained in the marketplace. Information about these other manufacturers products is obtained from packaging and published information made available by the manufacturer and is deemed to be reliable, but has not been verified. Dimmer performance and perceived limitations of the dimmers are based on factors outside of Cooper Lighting Solutions’ control. The specifications of these dimming controls and their conditions of use may change without notice to Cooper Lighting Solutions or any other user. Cooper Lighting Solutions makes no specific recommendation on product selection and there are no warranties of performance or compatibility implied. Installer must ensure proper local and national electrical codes are followed; and that the dimmer application and condition of use is per dimmer manufacturer instructions and guidelines.