

Consumer LED Dimmer list

Recommended compatible dimmer list for downlight



KEY

 Excellent dimming, however external factors can negatively influence the deep dimming performance

This document is for information purposes and must be treated as recommendation. Signify attempted to provide best results, results are generated in lab conditions and might contain faults

* Listed dimmers are tested as good compatibility.

NAM 6" slim downlight
929004101103



Dimmer info					Flicker	Dimmer range	Glowing
Brand	Type#	Load Type	Load				
Eaton	N/A	RI061-VW-K2	Halogen/Inc	600VA			
Eaton	Decorator	DAL06P	LED/CFL/Inc	600W			
Leviton	SureSlide	6602	R	600W			
Leviton	SureSlide	6631	R	600W			
Leviton	SureSlide	6633	R	600W			
Leviton	SureSlide	6672	LED/CFL/Inc	150W (LED)			
Leviton	SureSlide	6674	LED/CFL/Inc	150W (LED)			
Leviton	Decora Slide	DSE06	LED/CFL	600W			
Leviton	Decora Slide	DSM10	LED/CFL	1000W			
Leviton	IllumaTech	IPI06	R	600W			
Leviton	Illumatech	IPL06	LED/CFL/Inc	150W (LED)			
Leviton	Decora Slide	VPI06	LED/CFL	600W			
Lutron	Ariadni	AYCL-153P	LED/CFL	150W (LED)			
Lutron	Skylark	CTCL-153P	LED/CFL	150W (LED)			
Lutron	Skylark	CTCL-153PDH	LED/CFL	150W (LED)			
Lutron	Diva	DV-600P	R	600W			
Lutron	Diva	DV-600PR	Inc/Halogen	600W			
Lutron	Diva	DVCL-153P	Inc/Halogen	150W (LED)			
Lutron	Diva	DVCL-253P	LED/Inc	250W			
Lutron	DIVA	DVELV-300P	RC	300W			
Lutron	Diva	DVRP-253P	LED/CFL/Inc	250W (LED)			
Lutron	Lumea	LGCL-153P	LED/CFL	150W (LED)			
Lutron	Maestro	MAELV-153M	LED/CFL/Inc	150W (LED)			
Lutron	Maestro	MAELV-600	LED/CFL	600W			
Lutron	Maestro	MALV-600	Inc	600W			
Lutron	Maestro	MRF2-6ND-120	RL	600W			
Lutron	Nova	NTCL-250	LED/CFL	250W (LED)			
Lutron	Caseta	PD-5NE	LED/CFL	250W (LED)			
Lutron	Caseta	PD-6WCL	Wireless	150W (LED)			
Lutron	Radiora	RRD-3LD	Inc	300W			
Lutron	RADIO RA	RRD-6NA	RC	600W			
Lutron	Skylark	S-600P	Inc/Halogen	600W			
Lutron	Skylark	SCL-153P	Inc/Halogen	150W			
Lutron	Skylark	SELV-300P	Inc/Halogen	300W			
Lutron	Skylark	SLV-600P	RL	450W			
Lutron	Toggler	TGCL-153PH	LED/CFL	150W (LED)			
Sensors							
Lutron	Maestro	MSCL-OP153M	LED/CFL	150W (LED)			
Lutron	Maestro	MSCL-OP153MH	LED/CFL/Inc	150W (LED)			
Lutron	Maestro	MS-OPS2H	LED/CFL	150W (LED)			

NAM 6" slim downlight
929004719203/ 929004719263



Dimmer info					Flicker	Dimmer range	Glowing
Brand	Type#	Load Type	Load				
Leviton	SureSlide	6631	R	600W	1 - 12	1% - 100%	
Leviton	SureSlide	6615P	RC	300W	1 - 6	18% - 100%	
Leviton	Decora Slide	DSE06	LED/CFL	600W	1 - 12	6% - 100%	
Lutron	Diva	DV-600P	R	600W	1 - 12	1% - 100%	
Lutron	Diva	DV-600PR	Inc/Halogen	600W	1 - 12	1% - 99%	
Lutron	DIVA	DVELV-300P	RC	300W	1 - 6	7% - 100%	
Lutron	Diva	DVRP-253P	LED/CFL/Inc	250W (LED)	1 - 12	7% - 100%	
Lutron	Skylark	S-600P	Inc/Halogen	600W	1 - 12	1% - 100%	
Lutron	Skylark	SELV-300P	Inc/Halogen	300W	1 - 6	6% - 100%	
Lutron	Skylark	SLV-600P	RL	450W	1 - 9	5% - 100%	
Sensors							
Lutron	Maestro	MS-OPS2H	LED/CFL	150W (LED)	1 - 12	1% - 100%	

Consumer LED Dimmer list

Recommended compatible dimmer list for downlight



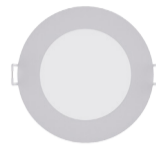
KEY

 Excellent dimming, however external factors can negatively influence the deep dimming performance

This document is for information purposes and must be treated as recommendation. Signify attempted to provide best results, results are generated in lab conditions and might contain faults

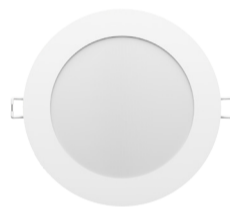
* Listed dimmers are tested as good compatibility.

NAM 4" slim downlight 929004752903/ 929004752963



Dimmer info					Flicker	Dimmer range	Glowing
Brand	Type#	Load Type	Load				
Leviton	SureSlide	6631	R	600W	1 - 6	2% - 100%	
Leviton	SureSlide	6615P	RC	300W	1 - 6	9% - 100%	
Leviton	Decora Slide	DSE06	LED/CFL	600W	1 - 6	5% - 100%	
Lutron	Diva	DV-600P	R	600W	1 - 6	2% - 100%	
Lutron	Diva	DV-600PR	Inc/Halogen	600W	1 - 6	2% - 99%	
Lutron	DIVA	DVELV-300P	RC	300W	1 - 6	9% - 100%	
Lutron	Diva	DVRP-253P	LED/CFL/Inc	250W (LED)	1 - 6	9% - 100%	
Lutron	Skylark	S-600P	Inc/Halogen	600W	1 - 6	2% - 100%	
Lutron	Skylark	SELV-300P	Inc/Halogen	300W	1 - 6	7% - 100%	
Lutron	Skylark	SLV-600P	RL	450W	1 - 6	5% - 100%	
Sensors							
Lutron	Maestro	MS-OPS2H	LED/CFL	150W (LED)	1 - 6	2% - 100%	

NAM 6" slim nightlight downlight 929004697403



Dimmer info					Flicker	Dimmer range	Glowing
Brand	Type#	Load Type	Load				
Leviton	SureSlide	6631	R	600W	1% - 18%	1% - 100%	
Leviton	SureSlide	6615P	RC	300W	1 - 7	1% - 100%	
Leviton	Decora Slide	DSE06	LED/CFL	600W	1 - 7	9% - 100%	
Lutron	Diva	DV-600P	R	600W	1% - 13%	1% - 100%	
Lutron	Diva	DV-600PR	Inc/Halogen	600W	1% - 10%	3% - 100%	
Lutron	DIVA	DVELV-300P	RC	300W	1% - 10%	2% - 100%	
Lutron	Diva	DVRP-253P	LED/CFL/Inc	250W (LED)	1 - 6	11% - 100%	
Lutron	Skylark	S-600P	Inc/Halogen	600W	1 - 7	2% - 100%	
Lutron	Skylark	SELV-300P	Inc/Halogen	300W	1 - 6	10% - 100%	
Lutron	Skylark	SLV-600P	RL	450W	1% - 10%	8% - 100%	
Sensors							
Lutron	Maestro	MS-OPS2H	LED/CFL	150W (LED)	1 - 7	1% - 100%	
Panel Modules							

Notes:

- #1) Dimmers are tested with the number of LED light sources mentioned in the column "Dimming performance". A number of LED light sources outside the listed range may result in less optimal behavior. Although not specifically tested, some dimmers can be loaded with more light sources than specified in this document.
- #1a) Most (non-LED dedicated) dimmers can be loaded with LED light sources up to 20% of dimmer specified maximum power. Example: Dimmer 400W -> 20% = 80W, which means that e.g. up to 16 pcs 5W LED light sources can be connected.
- #1b) LED dimmers can be loaded up to the specified maximum dimmer power (Wattage).
- #2) Always study the packaging of LED light sources if these can be used in combination with occupancy/motion sensors.
- #3) Glowing means: when connected to a dimmer in its off-state, a LED light source may still emit a small, yet visible amount of light. This may e.g. occur if a low quantity of LED light sources is connected.
- #4) "Dimming range" color indications and criteria (all percentages relate to the LED light source full power):
Green cell: minimum dimming level is below 10% and maximum level at least 80%.
- #5) Various dimmer suppliers offer "active loads" to optimize dimming performance in case of light source-dimmer system issues. (e.g. Busch Jaeger Compensator 6596).
- #6) This list is based on measurements performed in a lab environment at nominal mains voltage, different mains voltages may result in a different dimming range.
- #7) Dimmer manufacturers may change the technical design of their dimmer without informing Philips / Signify. Such changes may affect the performance when used in combination with LED light sources.
- #8) In general Philips dimmable LED light sources can be dimmed with any type of dimmer (type R, RL, RC or RLC).
- #9) Mixed loads may give unexpected dimming behavior or even result in defects, for which Philips / Signify cannot be held responsible.
- #10) LED light source are dimmable across the indicated dimming range, but may exhibit minor flickering at distinct dim settings.



© 2025 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Specifically mentioned products, materials and/or tools from third parties are only indicative and reference to these products, materials and/or tools does not necessarily mean they are endorsed by Signify.

2025
Data subject to change.