

Dimmer Compatibility List




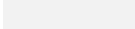
Last updated on: Nov. 29h, 2019

Important Notice: Due to varied dimming equipments and different applications and conditions, this information necessarily is based on limited samples size and testing.

This list only includes dimmers that have been tested with the Amoluce retrofit lamps or luminaires listed. There may be other dimmers on the market that are compatible with these retrofit lamps or luminaires. If you have a question about a particular dimmer that is not on the list, please contact us to see if the model has been tested, or to arrange.

Amoluce's GU10 lamps are made to work with trailing edge (reverse phase) and leading edge (forward phase) phase cut dimmers. However, using on leading edge dimmers is not recommended as the lamps may emit a low level of audible noise when used with some leading edge dimmers.

There might be a minimum wattage load on the dimmer. If this minimum load is not met, there might be compatibility issues.

	Good dimming performance, no flicker, dimming range >80%
	Acceptable dimming performance, dimming range >70%, no flicker >10% dimming level
	Undisrable dimming performance, flicker at 30% dimming level
	Not tested yet

Maximum number of lamps on a dimmer



The following need to be considered when determining the amount of lamps on a dimmer.



1. There is a repetitive, very brief current spike the LED lamp will see twice per cycle. This current spike has to be provided by the dimmer, and will affect the recommended lamp load on each dimmer.
2. Ultimately the dimmer manufacturer is the only one with authority to rate their product, but Amoluce can give an Engineering estimate.
3. We recommend to use a 5.0 de-rating factor for halogen/incandescent dimmers loaded with our 230V LED lamps. For example for a 500W dimmer it would mean $500/5 = 100W$ of LED, so an estimated maximum of 14 lamps 6.8W LED lamps.



Disclaimer

Compatibility tests are conducted by Amoluce only as guidance for the user. All tests are conducted under bench conditions; results may differ from test results depending on conditions at the application site. Results may vary due to variability in component choices and manufacturing processes by the transformer and dimmer manufacturers.



No.	Manufacturer	Models	Type	Load	 EP16P-5.5W0P27		 EP16P-6.8W0P27	
					1 Lamp	5 Lamps	1 Lamp	5 Lamps
1	ALED	EasyDimmer 200	T	5-200W				
2	ABB	6523U	U	2-100W				
3	ABB	AE412	T	25-600W				
4	Aurora	AU-DSP 400	L	400W				
5	Aurora	AU-DSP 400X	L	400W				
6	Atom	AT9300A	T	5-200W				
7	Berker	2867 10	L	20-500W				
8	Berker	2830 10	L	60-400W				
9	Bticino	MATIX AM5702	L	60-500W				
10	British General	VKDM400E	L	400W				
11	British General	DM400AP	L	60-400W				
12	Busch Jaegar	2200 U-503	L	60-400W				
13	Busch Jaegar	6523 U-102	U	LED 2-100W				
14	Busch Jaegar	2250U	L	60-600W				
15	Click	CMA145 MD9022	L	250W				
16	Clipsal	32E450UD	U	450W				
17	Clipsal	32E450LM	L	450W				
18	Clipsal	32E450TM	T	450W				
19	Clipsal	CLDM350TS	T	10-350W				
20	Clipsal	31E2RUDM	U	350W				
21	Clipsal	32ELEDM	T	400W				
22	Danlers	DQDGD MK	T	400W				
23	Danlers	MOD400	L	400W				
24	ELKO	RS16/400	L	60-400W				
25	ELKO	CCTEL12013	T	315W				
26	ELKO	630GLE	T	20-630W				
27	Eltako	EUD61N PN-UC	U	5-400W				
28	EUCHIPS	Walldim 105	L	500W				
29	Gira	30500	T	50-420W				
30	Gira	3070	T	20-525W				
31	Gira	System 2000	U	100W				
32	Hamilton	KPQX40	L	400W				
33	Hamilton	H-GDM250W VA	T	250W				

No.	Manufacturer	Models	Type	Load	 EP16P-5.5W0P27		 EP16P-6.8W0P27	
					1 Lamp	5 Lamps	1 Lamp	5 Lamps
34	Hamilton	741 XLEDITB100	T	LED 5-100W				
35	ILUMINIZE	511.201	T	400W				
36	Jung	225 TDE	T	20-525W				
37	Jung	266 GDE	L	60-600W				
38	Jung	254 UDE	T	420W				
39	JUNG	243EX	T	360W				
40	Jung	244 HEX	L	20-500W				
41	Kopp	8002	T	20-325W				
42	Kopp	8085	L	40-400W				
43	Kopp	8033	L	40-400W				
44	Knightbridge	PS2161	L	400W				
45	Knightbridge	CS2181AB	L	200W				
46	Legrand	78405	L	400W				
47	Legrand	Niloe 6 651 17	L	20-400W				
48	Legrand	281080	T	400W				
49	Legrand	Cat 400T	T	400W				
50	Legrand	67085	T	300W				
51	LK	506N5114	T	40-180W				
52	LK	FUGA LED250 TOUCH	T	250W				
53	LUMEX	LT1D450LS GeN2	T	450W				
54	MK	K4501	T	35-105				
55	MK	K152WHILV	T	40-300W				
56	MK	GX8501 WHI	L	40-500W				
57	MAXCOMFORT	ADAM2	T	10-200W				
58	Meister	EF700DC	L	20-300W				
59	NIKO	310-01900	L	60-600W				
60	Panasonic	WEJ57515	L	40-500W				
61	Relco	RL1724	L	60-160W				
62	Relco	RT65ROA	L	60-500W				
63	REV	H1 66013	L	20-500W				
64	Rev	PrimaLuxe 0511442992	L	300W				
65	Rev	DWS700DB	L	50-300W				
66	Robus	RLA200DT-01	T	133W				

No.	Manufacturer	Models	Type	Load	 EP16P-5.5W0P27		 EP16P-6.8W0P27	
					1 Lamp	5 Lamps	1 Lamp	5 Lamps
67	Shuttle	SDIM-T-LED-125W	T	125W				
68	Spazio	SPL TRIDIM 842	T	5-150W				
69	Spazio	SPL UNIDIM 201	T	5-250W				
70	Schneider	ALB45192	L	40-400W				
71	Schneider	E8331RD250_WG_C1	T	50-250W				
72	Schneider	MTN577199	T	20-315W				
73	Schneider	MTN5135-0000	L	315W				
74	Schneider	CCT011533	T	315W				
75	Schneider	WDE002311	T	315W				
76	Schneider	WDE002319	T	420W				
77	Schneider	E3031HD	U	40-600W				
78	Schneider	Rocca	L	400W				
79	SAL	SDA450	T	450W				
80	SAL	SDD400U	U	400W				
81	SAL	SDD350T	T	350W				
82	SAL	SDD350UM	U	350W				
83	SAL	SDD350TCM	T	350W				
84	SG	LED Dim200	T	3-200W				
85	Star Trading	399-01	L	NA				
86	Unitec	42074L	L	20-400W				
87	Unitec	STDSIU1104	L	400W				
88	VADSBO	LD 220	T	1-200W				
89	VADSBO	VD220	T	1-200W				
90	VARILIGHT	HQ3W	L	400W				
91	VARILIGHT	JQP401W	T	400W				
92	VARILIGHT	V-Pro Z1J400M	T	400W				
93	WUYUNELEK	W13-C192	T	7-110W				
94	Zano	ZGRID500	T	LED 50W				
95	DIMEZE	DZ2G450DIAL	L	3-450W				
96	MEGAMAN	SS-LD-150	T	450W				
97	Schneider	E8331RD250_WE_C1	L	250W				