

OPTOTRONIC®

Constant Current LED Power Supply with PhaseCut functionality
List of Phase Cut dimmers tested for compatibility

OT FIT 7/220-240/180 CS PC													
NO.	Brand	Model Number	L/T	Load(mA)	Result	27V				40V			
						min lout(mA)	dim min	max I out(mA)	dim max	min lout(mA)	dim min	max I out(mA)	dim max
1	SG	LEDDIM 400	T	180	Pass	0	0%	177	98%	0	0%	180	100%
				155	Pass	0	0%	154	100%	0	0%	155	100%
				120	Pass	0	0%	120	100%	0	0%	120	100%
				100	Pass	0	0%	100	100%	0	0%	98	98%
2	Siemens	5TC8 284	T	180	Pass	23	13%	176	98%	15	8%	178	99%
				155	Pass	25	16%	154	99%	15	10%	155	100%
				120	Pass	26	22%	120	100%	17	14%	120	100%
				100	Pass	28	28%	99	99%	17	17%	98	98%
3	Clipsal*	32E450LM	L	180	Pass	12	7%	164	91%	6	3%	175	97%
				155	Pass	9	6%	141	91%	5	3%	151	98%
				120	Pass	8	7%	110	92%	4	4%	114	95%
				100	Pass	7	7%	88	88%	4	4%	91	91%
4	Feller*	40600.RL	L	180	Pass	2	1%	170	95%	2	1%	180	100%
				155	Pass	4	2%	149	96%	2	1%	155	100%
				120	Pass	4	3%	118	99%	1	1%	118	99%
				100	Pass	4	4%	100	100%	1	1%	98	98%
5	Busch	6523U	L	180	Pass	0	0%	174	97%	0	0%	180	100%
				155	Pass	0	0%	152	98%	0	0%	155	100%
				120	Pass	0	0%	120	100%	0	0%	120	100%
				100	Pass	0	0%	99	99%	0	0%	99	99%



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6	Clipsal	32E450UD M	T	180	Pass	32	18%	180	100%	27	15%	180	100%
				155	Pass	28	18%	155	100%	23	15%	155	100%
				120	Pass	26	22%	120	100%	21	17%	120	100%
				100	Pass	25	25%	100	100%	20	20%	99	99%
7	ELKO*	316 GLED	L	180	Pass	9	5%	151	84%	6	3%	157	87%
				155	Pass	8	5%	132	85%	5	3%	138	89%
				120	Pass	7	6%	104	87%	4	3%	106	88%
				100	Pass	6	6%	86	86%	3	3%	86	86%
8	Legrand	67083	T	180	Pass	2	1%	156	86%	1	0%	162	90%
				155	Pass	1	1%	135	87%	1	0%	143	92%
				120	Pass	1	1%	107	89%	1	1%	109	91%
				100	Pass	1	1%	88	88%	0	0%	89	89%
9	HPM	Cat 200L	L	180	Pass	10	6%	148	82%	7	4%	151	84%
				155	Pass	9	6%	128	83%	6	4%	131	85%
				120	Pass	8	7%	101	84%	4	3%	103	86%
				100	Pass	6	6%	83	83%	3	3%	83	83%
10	NIKO	310-01900	L	180	Pass	6	3%	178	99%	3	2%	180	100%
				155	Pass	6	4%	155	100%	3	2%	155	100%
				120	Pass	5	4%	121	100%	2	2%	120	100%
				100	Pass	4	4%	100	100%	2	2%	98	98%



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11	NIKO	310-02700	T	180	Pass	28	16%	162	90%	20	11%	179	99%
				155	Pass	29	18%	149	96%	21	13%	124	80%
				120	Pass	29	24%	116	97%	22	18%	105	88%
				100	Pass	32	32%	93	93%	20	20%	92	92%
12	NIKO	310-02800	T	180	Pass	3	1%	178	99%	1	1%	180	100%
				155	Pass	3	2%	155	100%	1	1%	155	100%
				120	Pass	2	2%	120	100%	1	1%	120	100%
				100	Pass	2	2%	98	98%	1	1%	98	98%
13	V-PRO	250W MAX. GLS	T	180	Pass	1	0%	179	99%	0	0%	129	72%
				155	Pass	1	0%	155	100%	0	0%	118	76%
				120	Pass	0	0%	120	100%	0	0%	100	84%
				100	Pass	1	1%	98	98%	0	0%	89	89%
14	CLIPSAL	32ELEDM	T	180	Pass	4	2%	180	100%	3	1%	180	100%
				155	Pass	4	3%	155	100%	2	1%	155	100%
				120	Pass	3	3%	120	100%	2	1%	120	100%
				100	Pass	3	3%	100	100%	2	2%	99	99%
15	DIGINET	MEDM/LED Smart phase adaptive dimmer 400W	T	180	Pass	0	0%	175	97%	0	0%	173	96%
				155	Pass	0	0%	155	100%	0	0%	155	100%
				120	Pass	0	0%	120	100%	0	0%	120	100%
				100	Pass	0	0%	99	99%	0	0%	99	99%



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16	Hager B&R	WBMD400LED	T	180	Pass	15	8%	180	100%	10	6%	176	98%
				155	Pass	15	10%	155	100%	11	7%	155	100%
				120	Pass	15	12%	120	100%	11	9%	120	100%
				100	Pass	15	15%	100	100%	10	10%	98	98%
17	Legrand	Cat 400L	L	180	Pass	18	10%	140	78%	16	9%	150	83%
				155	Pass	16	10%	126	82%	14	9%	130	84%
				120	Pass	13	11%	98	81%	11	9%	99	83%
				100	Pass	11	11%	79	79%	9	9%	80	80%
18	CLIPSAL	KB31R0400	L	180	Pass	34	19%	177	98%	42	23%	180	100%
				155	Pass	31	20%	154	99%	36	23%	155	100%
				120	Pass	26	22%	120	100%	27	23%	120	100%
				100	Pass	24	24%	100	100%	23	23%	98	98%
19	HPM-Legrand	Cat 400T	T	180	Pass	29	16%	154	86%	23	13%	151	84%
				155	Pass	28	18%	140	90%	23	15%	136	88%
				120	Pass	26	22%	118	99%	21	17%	111	93%
				100	Pass	25	25%	99	99%	21	21%	96	96%

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Remark:

The list is tested by one dimmer with one driver.

Compatibility proven in respect of linear dimming behavior in the range given by the dimmer and absence of flashing and flickering.

Disclaimer

Subject to change without notice. Errors and omission accepted. Always make sure to use the most recent release.

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