

Light is OSRAM



OPTOTRONIC®

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

OT FIT 14/220-240/350 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	350	PASS	0	0%	350	100%	0	0%	350	100%
				300	PASS	0	0%	300	100%	0	0%	300	100%
				250	PASS	0	0%	250	100%	0	0%	250	100%
				200	PASS	0	0%	200	100%	0	0%	200	100%
2	Siemens	5TC8 284	T	350	PASS	24	7%	325	93%	13	4%	300	86%
				300	PASS	23	8%	295	98%	13	4%	270	90%
				250	PASS	24	10%	250	100%	13	5%	240	96%
				200	PASS	24	12%	200	100%	14	7%	200	100%
3	Clipsal	32E450LM	L	350	PASS	20	6%	350	100%	20	6%	350	100%
				300	PASS	19	6%	300	100%	16	5%	300	100%
				250	PASS	18	7%	250	100%	11	4%	250	100%
				200	PASS	17	9%	200	100%	11	5%	200	100%
4	Feller	40600.RL	L	350	PASS	12	4%	350	100%	10	3%	350	100%
				300	PASS	12	4%	300	100%	7	2%	300	100%
				250	PASS	12	5%	250	100%	7	3%	250	100%
				200	PASS	10	5%	200	100%	5	2%	200	100%
5	Busch	6523U	L	350	PASS	2	1%	350	100%	0	0%	250	71%
				300	PASS	1	0%	300	100%	0	0%	300	100%
				250	PASS	1	0%	250	100%	0	0%	250	100%
				200	PASS	0	0%	200	100%	0	0%	200	100%

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				Load(mA)	Result	min lout(mA)	dim min	max I out(mA)	dim max	min lout(mA)	dim min	max I out(mA)	dim max
6	Clipsal	32E450UDM	T	350	PASS	52	15%	350	100%	45	13%	350	100%
				300	PASS	53	18%	300	100%	39	13%	300	100%
				250	PASS	48	19%	250	100%	39	16%	250	100%
				200	PASS	45	23%	200	100%	35	18%	200	100%
7	ELKO	316 GLED	L	350	PASS	19	5%	305	87%	12	4%	315	90%
				300	PASS	16	5%	265	88%	10	3%	265	88%
				250	PASS	14	6%	225	90%	8	3%	222	89%
				200	PASS	12	6%	180	90%	6	3%	175	88%
8	Legrand	67083	T	350	PASS	2	1%	315	90%	1	0%	325	93%
				300	PASS	2	1%	270	90%	0	0%	275	92%
				250	PASS	2	1%	225	90%	0	0%	225	90%
				200	PASS	2	1%	185	93%	0	0%	180	90%
9	HPM	Cat 200L	L	350	PASS	24	7%	285	81%	17	5%	295	84%
				300	PASS	20	7%	250	83%	13	4%	250	83%
				250	PASS	16	6%	210	84%	10	4%	210	84%
				200	PASS	14	7%	170	85%	9	5%	170	85%
10	NIKO	310-01900	T	350	PASS	12	4%	350	100%	8	2%	350	100%
				300	PASS	11	4%	300	100%	6	2%	300	100%
				250	PASS	9	4%	255	102%	5	2%	250	100%
				200	PASS	9	4%	200	100%	4	2%	200	100%
11	NIKO	310-02700	T	350	PASS	41	12%	330	94%	28	8%	350	100%
				300	PASS	41	14%	275	92%	28	9%	265	88%
				250	PASS	41	16%	250	100%	28	11%	230	92%
				200	PASS	41	21%	200	100%	28	14%	200	100%

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				Load(mA)	Result	min lout(mA)	dim min	max I out(mA)	dim max	min lout(mA)	dim min	max I out(mA)	dim max
12	NIKO	310-02800	T	350	PASS	8	2%	350	100%	3	1%	350	100%
				300	PASS	8	3%	300	100%	3	1%	300	100%
				250	PASS	7	3%	250	100%	3	1%	250	100%
				200	PASS	7	3%	200	100%	2	1%	195	98%
13	V-PRO	250W MAX. GLS	T	350	PASS	0	0%	350	100%	0	0%	330	94%
				300	PASS	0	0%	300	100%	0	0%	295	98%
				250	PASS	0	0%	245	98%	0	0%	245	98%
				200	PASS	0	0%	200	100%	0	0%	200	100%
14	CLIPSAL	32ELEDM	T	350	PASS	12	3%	350	100%	6	2%	350	100%
				300	PASS	11	4%	300	100%	5	2%	300	100%
				250	PASS	10	4%	250	100%	5	2%	250	100%
				200	PASS	9	5%	200	100%	5	2%	195	98%
15	OSRAM	MCU Te250	T	350	PASS	26	8%	300	86%	17	5%	285	81%
				300	PASS	26	9%	270	90%	16	5%	250	83%
				250	PASS	27	11%	240	96%	16	7%	220	88%
				200	FAIL								
16	Siemens	5UH8222-3NC 05	L	350	PASS	10	3%	350	100%	5	1%	350	100%
				300	PASS	10	3%	300	100%	5	2%	300	100%
				250	PASS	11	4%	250	100%	5	2%	250	100%
				200	PASS	12	6%	200	100%	5	3%	200	100%
17	Schneider	U201DST600	L	350	PASS	1	0%	290	83%	0	0%	300	86%
				300	PASS	1	0%	300	100%	0	0%	250	83%
				250	PASS	1	0%	250	100%	0	0%	250	100%
				200	FAIL								

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18	DIGINET	MEDM/LED Smart phase adaptive dimmer 400W	T	350	PASS	0	0%	340	97%	0	0%	330	94%
				300	PASS	0	0%	300	100%	0	0%	290	97%
				250	PASS	0	0%	250	100%	0	0%	250	100%
				200	PASS	0	0%	200	100%	0	0%	200	100%
19	Hager B&R	WBMD400LED	T	350	PASS	23	7%	345	99%	14	4%	330	94%
				300	PASS	23	8%	300	100%	14	5%	290	97%
				250	PASS	23	9%	250	100%	13	5%	250	100%
				200	PASS	22	11%	200	100%	13	7%	195	98%
20	Legrand	Cat 400L	L	350	PASS	48	14%	275	79%	34	10%	285	81%
				300	PASS	41	14%	245	82%	41	14%	245	82%
				250	PASS	42	17%	230	92%	39	16%	225	90%
				200	FAIL	40	20%	200	100%	23	11%	195	98%
21	CLIPSAL	E1031V600	L	350	PASS	14	4%	350	100%	11	3%	350	100%
				300	PASS	11	4%	300	100%	9	3%	300	100%
				250	PASS	11	5%	250	100%	5	2%	250	100%
				200	PASS	11	6%	200	100%	7	3%	195	98%
22	CLIPSAL	KB31R0400	L	350	PASS	52	15%	350	100%	98	28%	350	100%
				300	PASS	72	24%	300	100%	82	27%	300	100%
				250	FAIL								
				200	FAIL								
23	HPM-Legrand	Cat 400T	T	350	PASS	54	15%	300	86%	42	12%	300	86%
				300	PASS	52	17%	265	88%	41	14%	250	83%
				250	PASS	49	20%	235	94%	37	15%	220	88%
				200	PASS	47	23%	200	100%	35	17%	185	93%

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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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