PHILIPS

Compatibility List Professional Q4 2026

Mains Voltage / Dimmer

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Professional LED Mains Voltage range 2-28

Q4 2026

Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps

Key

x-y	Excellent dimming with X-Y lamps, however external factors can negatively influence the deep dimming performance
x-y	See note bellow
	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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.

			LED Bulb								
			MAS LEDBulb DT3.4-40W E27 927A60CL G 9290030099 MAS LEDBulbDT3.4 -40W E27 927 A60 FR G 9290030100 MASLEDBulbDT3.4-40W B22 927A60CL G 9290030101 MAS VLE LEDBulbD 3.4-40W B22 A60 927FR 9290030102			MAS LEDBulbDT5.9-60W E27 927A60CL G 9290030103 MAS LEDBulb DT5.9-60W E27 927 A60 FR G 9290030104 MAS LEDBulb DT5.9-60W B22 927A60CL G 9290030105 MAS VLE LEDBulbD5.9-60W B22 A60 927FR G 9290030106 MAS VLE LEDBulb DT5.9-60W E27 927ST64CLG 9290030107 MAS VLE EDBulbDT5.9-60W B22 927 ST64CL G 9290030108 MAS VLE LEDBulb DT5.9-60W E27 927G93CL G 9290030109 MAS VLE EDBulbDT5.9-60W B22 927 G93CL G 9290030110			MAS LEDBulb DT7.2-75W E27 927A60CL G 9290030111 MAS LEDBulb DT7.2-75W B22 927A60CL G 9290030112 MAS LEDBulb DT7.2-75W E27 927 A60 FR G 9290030113 MAS VLE LEDBulbD7.2-75W B22 A60 927 FR G 9290030114		
Brand	**Type**	**Load**	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker |INSTA	286710	[RC] 20 ~ 360 W - Turn	1-20	100% - 0%		1-12	100% - 0%		1-10	100% - 0%	
Berker |INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-18	97% - 0%		1-10	98% - 0%		1-8	100% - 0%	
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	1-20	100% - 0%		1-13	100% - 0%		1-10	100% - 0%	
Busch Jaeger |ABB	2250 U	[R] 60 ~ 600 W - Turn	2-20	100% - 0%		1-5	97% - 0%		1-17	100% - 0%	
Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-20	100% - 0%		1-20	100% - 0%		1-17	100% - 0%	
Busch Jaeger |ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-20	99% - 0%		1-17	98% - 0%		1-14	99% - 0%	
Busch Jaeger |ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-20	99% - 0%		1-17	99% - 0%		1-14	100% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading	1-20	100% - 0%		1-17	97% - 0%		1-14	100% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	1-20	100% - 0%		1-17	97% - 0%		1-14	100% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-20	100% - 0%		1-20	99% - 0%		1-20	100% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	1-20	100% - 0%		1-20	99% - 0%		1-20	100% - 0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing	1-10	100% - 0%		1-3	99% - 0%		1-3	99% - 0%	
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-20	98% - 0%		1-14	99% - 0%		1-11	100% - 0%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	1-19	100% - 0%		1-11	100% - 0%		1-9	100% - 0%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-20	100% - 0%		1-20	99% - 0%		1-17	100% - 0%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-20	100% - 0%		1-20	99% - 0%		1-17	100% - 0%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-20	80% - 34%		1-14	99% - 0%		1-11	100% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-20	100% - 0%		1-15	99% - 0%		1-20	99% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-20	100% - 0%		1-20	100% - 0%		1-20	100% - 0%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing	1-10	100% - 0%		1-3	100% - 0%		1-3	100% - 0%	
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-20	98% - 0%		1-14	99% - 0%		1-11	100% - 0%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	1-19	100% - 0%		1-11	100% - 0%		1-9	100% - 0%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-6	99% - 71%		2-3	100% - 0%		1-3	99% - 0%	
Gira	1176-00/01	[RLC] 50 ~ 420W	1-20	62% - 0%		1-14	95% - 22%		1-12	98% - 6%	
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-20	98% - 0%		1-17	98% - 0%		1-14	100% - 0%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-18	97% - 0%		1-10	98% - 0%		1-8	100% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing	1-3	100% - 0%		1-3	98% - 0%		1-3	99% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Leading	1-10	100% - 0%		1-3	98% - 0%		1-3	99% - 0%	
Hager	EVN 011	[RC] 300VA	1-18	100% - 0%		1-10	99% - 0%		1-8	99% - 0%	
Hager	EVN 012	[RC] 300W		N.A.	N.A.	1-17	99% - 6%		1-14	100% - 0%	
Hager	EVN 004	[RL] 500VA	1-20	100% - 0%		1-17	96% - 0%		1-14	99% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-20	98% - 0%		1-17	96% - 0%		1-14	99% - 0%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-20	98% - 0%		1-17	98% - 0%		1-14	100% - 0%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-18	97% - 0%		1-10	98% - 0%		1-8	100% - 0%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-7	100% - 0%		1-4	99% - 0%		1-3	100% - 0%	
Legrand	67083	[RLC] 3 ~ 400W	1-20	100% - 0%		1-14	99% - 0%		1-11	100% - 0%	
Legrand	L4402N	[R] 60~500W		N.A.	N.A.		N.A.	N.A.	1	100% - 0%	
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-20	98% - 0%		1-14	99% - 0%		1-11	100% - 0%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-19	100% - 0%		1-11	100% - 0%		1-9	100% - 0%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-6	99% - 71%		2-3	100% - 0%		1-3	99% - 0%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	2-20	100% - 0%		1-15	100% - 0%		1-13	99% - 0%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-20	99% - 0%		1-17	100% - 0%		1-14	100% - 0%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-11	100% - 0%		1-6	99% - 0%		1-5	100% - 0%	
MK - Electric	K4500 WHILV	[RLC] 400W	2-20	100% - 0%		1-14	99% - 0%		1-11	99% - 0%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-20	98% - 0%		1-17	100% - 0%		1-14	100% - 0%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-20	100% - 0%		1-20	100% - 0%		1-20	100% - 0%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-20	100% - 0%		1-20	100% - 0%		1-20	100% - 0%	
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing	1-10	100% - 0%		1-3	100% - 0%		1-3	100% - 0%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-18	100% - 0%		1-10	100% - 0%		2-8	100% - 0%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-20	99% - 0%		1-17	98% - 0%		1-14	99% - 0%	
RELCO	RP0977	[LED] 4-100W	1-20	99% - 3%		1-17	99% - 5%		1-14	100% - 2%	
RELCO	RM0545	[LED] 4-100W	1-20	100% - 0%		1-17	100% - 0%		1-14	100% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	1-19	100% - 0%		1-11	100% - 0%		1-9	100% - 0%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-20	98% - 0%		1-14	99% - 0%		1-11	100% - 0%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-6	99% - 71%		2-3	100% - 0%		1-3	99% - 0%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing	1-10	100% - 0%		1-3	99% - 0%		1-3	99% - 0%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-18	99% - 0%		1-10	99% - 0%		1-8	87% - 0%	
VADSBO	LDN200	0-200W,LED	1-10	100% - 0%		1-3	100% - 0%		1-3	100% - 0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-10	100% - 0%		1-3	97% - 0%		1-3	98% - 0%	
Varilight	HQ3W	[R] 60-400W	1-20	100% - 0%		1-14	93% - 0%		1-11	100% - 0%	
Varilight	MJP120	0-120W,LED	1-10	100% - 0%		1-3	76% - 0%		1-3	61% - 0%	
Varilight	JQP401W	0-120W,LED	1-10	100% - 0%		1-3	68% - 0%		1-3	74% - 0%	
Vimar	20148	[RL] 500W	1-20	99% - 0%		1-17	97% - 0%		1-14	100% - 0%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-20	99% - 2%		1-20	97% - 3%		1-20	100% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-20	100% - 0%		1-20	99% - 0%		1-20	100% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-20	100% - 0%		1-20	100% - 0%		1-20	99% - 0%	
Philips Dynalite	DDLE801	(100W per channel)	1-10	94% - 0%		1-8	99% - 0%		1-6	99% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading		N.A.	N.A.	1-8	98% - 0%	2	1-10	99% - 0%	2
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	1-10	100% - 0%		1-10	99% - 0%		1-10	99% - 0%	
Zano	ZMO150	0W-150W, LED,Rot	1-10	99% - 0%		1-3	99% - 0%		1-3	98% - 0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED									
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED									

Q4 2026

Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps

Key

x-y	Excellent dimming with X-Y lamps, however external factors can negatively influence the deep dimming performance
x-y	See note bellow
	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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.

			LED Bulb								
			MAS LEDBulbDT10.5-100W E27 927A60CLG 9290030115 MAS LEDBulb DT10.5-100W E27 927A60 FR G 9290030117			MAS LEDBulbDT10.5-100W B22 927A60CLG 9290030116 MAS VLE LEDBulbD10.5-100W B22 A60 927FRG UK 9290030118			LED classic 50W G120 E27 WW CM D RF 9290024129		
											
Brand	**Type**	**Load**	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker |INSTA	286710	[RC] 20 ~ 360 W - Turn	1-7	97% - 16%		1-7	98% - 19%		1-10	100% - 0%	
Berker |INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-6	97% - 7%		1-6	99% - 12%		1-10	100% - 0%	
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	1-7	97% - 4%		1-7	98% - 6%		1-10	100% - 0%	
Busch Jaeger |ABB	2250 U	[R] 60 ~ 600 W - Turn	1-11	97% - 0%		1-11	99% - 0%		2-10	100% - 0%	
Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-11	98% - 15%			N.A.	N.A.	1-10	100% - 0%	
Busch Jaeger |ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-10	98% - 3%		1-10	97% - 0%		1-10	100% - 0%	
Busch Jaeger |ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-10	96% - 0%		1-10	96% - 0%		1-10	100% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading	1-10	97% - 10%		1-10	99% - 0%		1-10	100% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	1-10	97% - 3%		1-10	97% - 3%		1-10	100% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-15	97% - 0%		1-10	100% - 0%		1-10	100% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	1-20	97% - 0%		1-20	97% - 0%		1-10	100% - 0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing	1-3	99% - 0%		1-3	99% - 0%		1-3	99% - 0%	
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-8	96% - 13%			N.A.	N.A.	1-10	100% - 0%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	1-6	97% - 4%		1-6	97% - 8%		1-10	100% - 0%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-11	97% - 12%		1-11	100% - 15%		1-10	100% - 0%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-11	97% - 12%		1-11	100% - 15%		1-10	100% - 0%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-8	98% - 0%		1-8	100% - 0%		1-10	100% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	2-10	97% - 8%		1-10	100% - 0%		1-10	100% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-19	97% - 0%		1-19	100% - 1%		1-10	100% - 0%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing	1-3	100% - 4%		1-3	100% - 4%		1-3	100% - 0%	
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-8	96% - 13%			N.A.	N.A.	1-10	100% - 0%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	1-6	97% - 4%		1-6	97% - 8%		1-10	100% - 0%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-2	97% - 12%		1-2	99% - 12%		1-3	100% - 0%	
Gira	1176-00/01	[RLC] 50 ~ 420W	1-8	97% - 18%		1-8	100% - 30%		1-10	100% - 0%	
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-10	98% - 0%		1-10	98% - 13%		1-10	100% - 0%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-6	97% - 7%		1-6	99% - 12%		1-10	100% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing	1-3	98% - 0%		1-3	98% - 0%		1-3	98% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Leading	2-3	97% - 5%		2-3	97% - 5%		1-3	98% - 0%	
Hager	EVN 011	[RC] 300VA	1-6	97% - 7%		1-6	99% - 7%		1-10	100% - 0%	
Hager	EVN 012	[RC] 300W	1-10	98% - 23%		1-10	100% - 25%		1-10	100% - 0%	
Hager	EVN 004	[RL] 500VA	1-10	100% - 9%		1-10	100% - 9%		1-10	100% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-8	99% - 0%		1-8	100% - 0%		1-10	100% - 0%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-10	98% - 0%		1-10	98% - 13%		1-10	100% - 0%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-6	97% - 7%		1-6	99% - 12%		1-10	100% - 0%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-2	96% - 21%		1-2	98% - 22%		1-4	100% - 0%	
Legrand	67083	[RLC] 3 ~ 400W	1-8	98% - 4%		1-8	99% - 6%		1-10	100% - 0%	
Legrand	L4402N	[R] 60~500W	2-10	99% - 37%		1-10	96% - 16%		1-10	100% - 0%	
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-8	96% - 13%			N.A.	N.A.	1-10	100% - 0%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-6	97% - 4%		1-6	97% - 8%		1-10	100% - 0%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-2	97% - 12%		1-2	99% - 12%		1-3	100% - 0%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-9	98% - 11%		1-9	98% - 3%		2-10	100% - 0%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-10	98% - 12%		1-10	97% - 5%		1-10	100% - 0%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-3	98% - 7%		1-3	96% - 6%		1-6	100% - 0%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-8	98% - 15%		1-8	97% - 5%		1-10	100% - 0%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-10	97% - 2%		1-10	97% - 1%		1-10	100% - 0%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-19	96% - 1%		1-19	97% - 0%		1-10	100% - 0%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-19	96% - 1%		1-19	97% - 0%		1-10	100% - 0%	
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing	1-3	100% - 0%		1-3	100% - 0%		1-3	100% - 0%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-6	97% - 0%		1-6	96% - 0%		1-10	100% - 0%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-10	98% - 3%		1-10	97% - 0%		1-10	100% - 0%	
RELCO	RP0977	[LED] 4-100W		N.A.	N.A.	1-10	99% - 24%		1-10	100% - 2%	
RELCO	RM0545	[LED] 4-100W	1	96% - 8%		1-10	98% - 8%		1-10	100% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	1-6	97% - 4%		1-6	97% - 8%		1-10	100% - 0%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-8	96% - 13%			N.A.	N.A.	1-10	100% - 0%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-2	97% - 12%		1-2	99% - 12%		1-3	100% - 0%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing	1-3	100% - 0%		1-3	100% - 0%		1-3	99% - 0%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-6	83% - 1%		1-6	87% - 0%		1-10	100% - 0%	
VADSBO	LDN200	0-200W,LED	1-3	99% - 0%		1-3	99% - 0%		1-3	100% - 0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-3	99% - 0%		1-3	99% - 0%		1-3	97% - 0%	
Varilight	HQ3W	[R] 60-400W	1-8	99% - 14%		1-8	100% - 3%		1-10	100% - 0%	
Varilight	MJP120	0-120W,LED	1-3	56% - 0%		1-3	56% - 0%		1-3	76% - 0%	
Varilight	JQP401W	0-120W,LED	1-3	64% - 0%		1-3	64% - 0%		1-3	68% - 0%	
Vimar	20148	[RL] 500W	1-10	97% - 18%		1-10	100% - 5%		1-10	100% - 0%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-19	99% - 22%		1-19	100% - 22%		1-10	100% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-19	98% - 2%		1-19	100% - 1%		1-10	100% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-19	97% - 2%		1-19	98% - 2%		1-10	100% - 0%	
Philips Dynalite	DDLE801	(100W per channel)	1-4	99% - 0%		1-4	98% - 0%		1-8	96% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading	2-3	99% - 0%		1-9	99% - 0%		3-10	97% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	1-9	99% - 0%		1-9	99% - 0%		2-10	98% - 0%	
Zano	ZMO150	0W-150W, LED,Rot	1-3	93% - 0%		1-3	93% - 0%		1-3	99% - 0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED									
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED									

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Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps

Key

x-y	Excellent dimming with X-Y lamps, however external factors can negatively influence the deep dimming performance
x-y	See note bellow
	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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.

			LED Bulb								
			MAS VLE LEDBulb D11.2-100W E27 927 A60 CL G 9290030583 MAS VLE LEDBulb D11.2-100W E27 927 A60 FR G 9290030585			MAS VLE LEDBulb D5.9-60W E27 927 A60 CL G 9290030575 MAS VLE LEDBulb D5.9-60W E27 927 A60 FR G 9290030577 MAS VLE LEDBulb D5.9-60W E27 927 ST64 CL G 9290030594 MAS VLE LEDBulb D5.9-60W E27 927 G120 CL G 9290030593 MASVLELEDBulb D5.9-60W E27 927A60FR G UK 9290030577			MAS VLE LEDBulb D7.8-75W E27 927 A60 CL G 9290030579 MAS VLE LEDBulb D7.8-75W E27 927 A60 FR G 9290030581		
Brand	**Type**	**Load**	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker |INSTA	286710	[RC] 20 ~ 360 W - Turn	2-6	99% - 13%		1-10	100% - 0%		1-9	99% - 0%	
Berker |INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-5	99% - 0%		1-10	97% - 0%		1-8	89% - 0%	
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	2-7	99% - 1%		1-10	100% - 0%		1-10	100% - 0%	
Busch Jaeger |ABB	2250 U	[R] 60 ~ 600 W - Turn	1-11	99% - 0%		2-10	99% - 0%		2-10	100% - 0%	
Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	2-11	99% - 13%		1-10	99% - 0%		1-10	98% - 0%	
Busch Jaeger |ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-9	100% - 0%		1-10	99% - 0%		1-10	99% - 0%	
Busch Jaeger |ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-9	99% - 0%		1-10	96% - 0%		1-10	94% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading	1-9	98% - 2%		1-10	100% - 0%		1-10	100% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	1-9	99% - 8%		2-10	98% - 0%		2-10	73% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-20	99% - 0%		1-10	99% - 0%		1-10	95% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	1-20	100% - 0%		2-10	96% - 0%		2-10	71% - 0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing	1-3	99% - 0%		1-3	99% - 0%		1-3	99% - 0%	
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-7	99% - 21%		1-10	99% - 0%		1-10	99% - 0%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	1-6	99% - 1%		1-10	99% - 0%		1-8	100% - 0%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-11	100% - 10%		1-10	100% - 0%		1-10	99% - 0%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-11	100% - 10%		1-10	100% - 0%		1-10	99% - 0%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-7	100% - 1%		1-10	99% - 0%		1-10	90% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-18	99% - 0%		1-10	100% - 0%		1-10	100% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-18	99% - 1%		1-10	96% - 0%		1-10	100% - 0%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing	1-3	100% - 4%		1-3	100% - 0%		1-3	100% - 0%	
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-7	99% - 21%		1-10	99% - 0%		1-10	99% - 0%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	1-6	99% - 1%		1-10	100% - 0%		1-8	100% - 0%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-2	98% - 9%		1-3	100% - 0%		1-3	100% - 0%	
Gira	1176-00/01	[RLC] 50 ~ 420W	1-8	99% - 18%		1-10	100% - 0%		1-10	70% - 0%	
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-9	98% - 5%		1-10	98% - 0%		1-10	83% - 0%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-5	100% - 7%		1-10	97% - 0%		1-8	89% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing	1-3	98% - 0%		1-3	98% - 0%		1-3	99% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Leading	2-3	97% - 5%		1-3	98% - 0%		1-3	99% - 0%	
Hager	EVN 011	[RC] 300VA	1-5	99% - 0%		1-10	100% - 0%		1-8	100% - 0%	
Hager	EVN 012	[RC] 300W	1-9	100% - 4%		1-10	100% - 0%		1-10	100% - 0%	
Hager	EVN 004	[RL] 500VA	1-9	100% - 2%		1-10	97% - 0%		1-10	100% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-9	94% - 3%		1-10	97% - 0%		1-10	80% - 0%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-9	98% - 5%		1-10	98% - 0%		1-10	83% - 0%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-5	100% - 7%		1-10	97% - 0%		1-8	89% - 0%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-2	100% - 0%		1-4	100% - 0%		1-3	100% - 0%	
Legrand	67083	[RLC] 3 ~ 400W	1-7	98% - 1%		1-10	100% - 0%		1-10	100% - 0%	
Legrand	L4402N	[R] 60~500W	2-9	100% - 0%			N.A.	N.A.	1-10	98% - 0%	
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-7	99% - 1%		1-10	99% - 0%		1-10	99% - 0%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-6	99% - 1%		1-10	99% - 0%		1-8	100% - 0%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-2	98% - 9%		1-3	100% - 0%		1-3	99% - 0%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	2-8	97% - 1%		1-10	99% - 0%		2-10	98% - 0%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-9	100% - 10%		1-10	99% - 0%		1-10	98% - 0%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-3	98% - 6%		1-6	98% - 0%		1-5	99% - 0%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-7	100% - 15%		1-10	99% - 0%		1-10	98% - 0%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-9	98% - 0%		1-10	99% - 0%		1-10	93% - 0%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-18	100% - 70%		1-10	99% - 0%		1-10	100% - 0%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-18	100% - 70%		1-10	99% - 0%		1-10	100% - 0%	
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing	1-3	100% - 0%		1-3	100% - 0%		1-3	100% - 0%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-5	99% - 0%			N.A.	N.A.	1-8	100% - 0%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-9	100% - 0%		1-10	99% - 0%		1-10	99% - 0%	
RELCO	RP0977	[LED] 4-100W	1-9	100% - 0%		1-10	99% - 2%		1-10	95% - 2%	
RELCO	RM0545	[LED] 4-100W	1-9	98% - 6%		1-10	100% - 0%		1-10	100% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	1-6	99% - 1%		1-10	99% - 0%		1-8	100% - 0%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-7	99% - 1%		1-10	99% - 0%		1-10	99% - 0%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-2	98% - 9%		1-3	100% - 0%		1-3	99% - 0%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing	1-3	100% - 0%		1-3	99% - 0%		1-3	99% - 0%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-5	99% - 0%		1-10	100% - 0%		1-8	94% - 0%	
VADSBO	LDN200	0-200W,LED	1-3	99% - 0%		1-3	100% - 0%		1-3	100% - 0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-3	99% - 0%		1-3	97% - 0%		1-3	98% - 0%	
Varilight	HQ3W	[R] 60-400W	1-7	99% - 15%		2-10	100% - 0%		1-10	99% - 0%	
Varilight	MJP120	0-120W,LED	1-3	56% - 0%		1-3	76% - 0%		1-3	61% - 0%	
Varilight	JQP401W	0-120W,LED	1-3	64% - 0%		1-3	68% - 0%		1-3	74% - 0%	
Vimar	20148	[RL] 500W	1-9	100% - 1%		1-10	98% - 0%		1-10	98% - 0%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-18	99% - 1%		1-10	96% - 0%		1-10	99% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-18	99% - 0%		1-10	95% - 0%		1-10	83% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-18	100% - 0%		1-10	96% - 0%		1-10	100% - 0%	
Philips Dynalite	DDLE801	(100W per channel)	1-4	97% - 0%		1-8	100% - 0%		1-6	98% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading	1-8	99% - 0%	2-4	3-10	100% - 0%		1,3-10	98% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	1-8	99% - 0%		1-10	100% - 0%		2-10	98% - 0%	
Zano	ZMO150	0W-150W, LED,Rot	1-3	93% - 0%		1-3	99% - 0%		1-3	98% - 0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED	1-3	99% - 87%		1-3	100% - 73%		1-3	99% - 67%	
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED	1-3	100% - 3%		1-3	99% - 0%		1-3	98% - 0%	

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Professional LED Mains Voltage range

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Key

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x-y	See note bellow
	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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Brand	Type	Load	LED Bulb								
			LED giant 20W E27 A160 1800K smoky D 9290029825 LED giant 20W E27 G200 1800K smoky D 9290029826 LED giant 20W E27 T65 1800K smoky D 9290029827 LED double layers 20W E27 smoky DIM 9290029823			LED classic-giant 40W E27 A160 GOLD DIM 9290029835 LED classic-giant 40W E27 G200 GOLD DIM 9290029836 LED classic-giant 40W E27 T65 GOLD DIM 9290029837 LED giant crystal 26W E27 smoky DIM 9290029824			LEDClassic 40W Diamond E27 2700K CL D 9290019357		
											
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker |INSTA	286710	[RC] 20 ~ 360 W - Turn	1-10	100% - 0%		1-10	100% - 0%		1-10	98% - 0%	
Berker |INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-9	100% - 0%		1-9	100% - 0%		1-10	96% - 0%	
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	1-10	99% - 0%		1-10	99% - 0%		1-10	98% - 0%	
Busch Jaeger |ABB	2250 U	[R] 60 ~ 600 W - Turn	2-10	100% - 0%		2-10	100% - 0%		2-10	98% - 0%	
Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	2-10	98% - 0%		2-10	98% - 0%		1-10	98% - 0%	
Busch Jaeger |ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-10	99% - 0%		1-10	99% - 0%		1-10	98% - 0%	
Busch Jaeger |ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-10	98% - 0%		1-10	98% - 0%		1-10	96% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading		N.A.	N.A.		N.A.	N.A.	1-10	98% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	1-10	98% - 0%		1-10	98% - 0%		2-10	67% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-10	99% - 0%		1-10	99% - 0%		1-10	98% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	1-10	98% - 0%		1-10	98% - 0%		2-10	97% - 0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing	1	100% - 0%		1-3	99% - 0%		1-3	97% - 0%	
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-10	99% - 0%		1-10	99% - 0%		1-10	98% - 0%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	1-9	98% - 0%		1-9	98% - 0%		1-10	98% - 0%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-10	99% - 0%		1-10	99% - 0%		1-10	99% - 0%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-10	98% - 0%		1-10	98% - 0%		1-10	99% - 0%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-10	99% - 0%		1-10	99% - 0%		1-10	97% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-10	97% - 0%		1-10	97% - 0%		1-10	94% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-10	97% - 0%		1-10	97% - 0%		1-10	94% - 0%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing	1	100% - 0%		1-3	100% - 0%		1-3	100% - 0%	
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-10	99% - 0%		1-10	99% - 0%		1-10	98% - 0%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	1-9	98% - 0%		1-9	98% - 0%		1-10	98% - 0%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-3	100% - 0%		1-3	100% - 0%		1-4	99% - 0%	
Gira	1176-00/01	[RLC] 50 ~ 420W		N.A.	N.A.		N.A.	N.A.	2-10	97% - 1%	
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-10	99% - 0%		1-10	99% - 0%		1-10	96% - 0%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-9	100% - 0%		1-9	100% - 0%		1-10	96% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing	1 -3	83% - 0%		1-3	100% - 0%		1 -3	94% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Leading		N.A.	N.A.	1-3	100% - 0%			N.A.	N.A.
Hager	EVN 011	[RC] 300VA	1-9	79% - 0%		1-9	79% - 0%		1-10	97% - 0%	
Hager	EVN 012	[RC] 300W		N.A.	N.A.		N.A.	N.A.	1-10	97% - 0%	
Hager	EVN 004	[RL] 500VA	1-10	98% - 0%		1-10	98% - 0%		1-10	99% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-10	98% - 0%		1-10	98% - 0%		1-10	96% - 0%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-10	99% - 0%		1-10	99% - 0%		1-10	96% - 0%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-9	100% - 0%		1-9	100% - 0%		1-10	96% - 0%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-3	99% - 0%		1-3	99% - 0%		1-5	99% - 0%	
Legrand	67083	[RLC] 3 ~ 400W	1-10	99% - 0%		1-10	99% - 0%		1-10	98% - 0%	
Legrand	L4402N	[R] 60~500W		N.A.	N.A.		N.A.	N.A.	1-10	98% - 0%	
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-10	99% - 0%		1-10	99% - 0%		1-10	98% - 0%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-9	98% - 0%		1-9	98% - 0%		1-10	98% - 0%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-3	100% - 0%		1-3	100% - 0%		1-4	99% - 0%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	2-10	99% - 0%		2-10	99% - 0%		2-10	98% - 0%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-10	99% - 0%		1-10	99% - 0%		2-10	97% - 0%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-5	99% - 0%		1-5	99% - 0%		1-7	99% - 0%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-10	99% - 0%		1-10	99% - 0%		1-10	97% - 0%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-10	79% - 0%		1-10	79% - 0%		1-10	97% - 0%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-10	99% - 0%		1-10	99% - 0%		1-10	98% - 0%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-10	99% - 0%		1-10	99% - 0%		1-10	98% - 0%	
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing	1	100% - 0%		1-3	100% - 0%		1-3	100% - 0%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-10	98% - 0%		1-10	98% - 0%		1-10	97% - 0%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-10	99% - 0%		1-10	99% - 0%		1-10	98% - 0%	
RELCO	RP0977	[LED] 4-100W	1-10	71% - 0%		1-10	71% - 0%		1-10	97% - 2%	
RELCO	RM0545	[LED] 4-100W	1-10	100% - 0%		1-10	100% - 0%		1-10	99% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	1-9	98% - 0%		1-9	98% - 0%		1-10	98% - 0%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-10	99% - 0%		1-10	99% - 0%		1-10	98% - 0%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-3	100% - 0%		1-3	100% - 0%		1-4	99% - 0%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing	1	100% - 0%		1-3	100% - 0%		1-3	97% - 0%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	2-9	82% - 0%		2-9	82% - 0%		1-10	97% - 0%	
VADSBO	LDN200	0-200W,LED	1	99% - 0%		1-3	99% - 0%		1-3	95% - 0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1	99% - 0%		1-3	100% - 0%		1-3	97% - 0%	
Varilight	HQ3W	[R] 60-400W	2-10	99% - 0%		2-10	99% - 0%		1-10	98% - 0%	
Varilight	MJP120	0-120W,LED	1	76% - 0%		1-3	61% - 0%		1-3	65% - 0%	
Varilight	JQP401W	0-120W,LED	1	87% - 0%		1-3	72% - 0%		1-3	75% - 0%	
Vimar	20148	[RL] 500W	1-10	97% - 0%		1-10	97% - 0%		1-10	98% - 0%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-10	98% - 0%		1-10	98% - 0%		1-10	97% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-10	98% - 0%		1-10	98% - 0%		1-10	97% - 5%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-10	98% - 0%		1-10	98% - 0%		1-10	97% - 0%	
Philips Dynalite	DDLE801	(100W per channel)	1-3	96% - 0%		1-3	96% - 0%		1-3	98% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading	1-3	96% - 0%		1-3	96% - 0%			N.A.	N.A.
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	3	99% - 0%		3	99% - 0%			N.A.	N.A.
Zano	ZMO150	0W-150W, LED,Rot	1	99% - 0%		1-3	99% - 0%		1-3	99% - 0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED									
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED									

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Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps

Key

x-y	Excellent dimming with X-Y lamps, however external factors can negatively influence the deep dimming performance
x-y	See note bellow
	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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.

Brand	Type	Load	LED Bulb								
			MAS VLE LEDBulbD11.2-100W E27 940A60CLG 9290035269 MAS VLE LEDBulbD11.2-100W E27 940A60FRG 9290035273			MAS VLE LEDCandleD3.4-40W E14 B35 927 CL 9290030595 MAS VLE LEDCandleD3.4-40W E14 B35 927 FR G 9290030597 MAS VLE LEDLusterD3.4-40W E14 P45 927 CL G 9290030600 MAS VLE LEDLusterD3.4-40W E14 P45 927 FR G 9290030602 MAS VLE LEDLusterD3.4-40W E27 P45 927 CL G 9290030604 MAS VLE LEDLusterD3.4-40W E27 P45 927 FR G 9290030606			MAS VLE LEDBulbD3.4-40W E27 927 A60 CL G 9290030705 MAS VLE LEDBulbD3.4-40W E27 927 A60 FR G 9290030707		
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker | INSTA	286710	[RC] 20 ~ 360 W - Turn	2-6	99% - 13%		1-10	99% - 0%		1-10	99% - 0%	
Berker | INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-5	99% - 0%		1-10	97% - 0%		1-10	99% - 0%	
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	2-7	99% - 1%		1-10	100% - 0%		1-10	100% - 0%	
Busch Jaeger | ABB	2250 U	[R] 60 ~ 600 W - Turn	1-11	99% - 0%		2-10	100% - 0%		1-10	99% - 0%	
Busch Jaeger | ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	2-11	99% - 13%		1-10	99% - 0%		1-10	99% - 0%	
Busch Jaeger | ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-9	100% - 0%		1-10	100% - 0%		1-10	100% - 0%	
Busch Jaeger | ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-9	99% - 0%		1-10	97% - 0%		1-10	98% - 0%	
Busch Jaeger | ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading	1-9	98% - 2%		1-10	99% - 0%		1-10	100% - 0%	
Busch Jaeger | ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	1-9	99% - 8%		1-10	99% - 0%		1-10	100% - 0%	
Busch Jaeger | ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-20	99% - 0%		1-10	100% - 0%		1-10	100% - 0%	
Busch Jaeger | ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	1-20	100% - 0%		1-10	100% - 0%		1-10	78% - 0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing	1-3	99% - 0%		1-10	100% - 0%		1-10	100% - 0%	
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)		N.A.	N.A.	1-10	97% - 0%		1-10	100% - 0%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	1-6	99% - 1%		1-10	99% - 0%		1-10	98% - 0%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-11	100% - 10%		1-10	99% - 0%		1-10	98% - 0%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-11	100% - 10%		1-10	99% - 0%		1-10	98% - 0%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-7	100% - 1%		1-10	100% - 0%		1-10	99% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-18	99% - 0%		1-10	96% - 0%		1-10	100% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-18	99% - 1%		1-10	96% - 0%		1-10	98% - 0%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing	1-3	100% - 4%		1-10	100% - 0%		1-10	100% - 0%	
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)		N.A.	N.A.	1-10	97% - 0%		1-10	100% - 0%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	1-6	99% - 1%		1-10	99% - 0%		1-10	100% - 0%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-2	98% - 9%		1-6	100% - 0%		1-6	100% - 0%	
Gira	1176-00/01	[RLC] 50 ~ 420W	1-8	99% - 18%		1-10	98% - 0%		1-10	100% - 4%	
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-9	98% - 5%		1-10	98% - 0%		1-10	98% - 0%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-5	100% - 7%		1-10	97% - 0%		1-10	99% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing	1-3	98% - 0%		1-3	100% - 0%		1-3	100% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Leading	2-3	97% - 5%		1-10	100% - 0%		1-10	100% - 0%	
Hager	EVN 011	[RC] 300VA	1-5	99% - 0%		1-10	98% - 0%		1-10	100% - 0%	
Hager	EVN 012	[RC] 300W	1-9	100% - 4%			N.A.	N.A.		N.A.	N.A.
Hager	EVN 004	[RL] 500VA	1-9	100% - 2%		1-10	98% - 0%		1-10	100% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-9	94% - 3%		1-10	97% - 0%		1-10	97% - 0%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-9	98% - 5%		1-10	98% - 0%		1-10	98% - 0%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-5	100% - 7%		1-10	97% - 0%		1-10	99% - 0%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-2	100% - 0%		1-7	100% - 0%		1-7	100% - 0%	
Legrand	67083	[RLC] 3 ~ 400W	1-7	98% - 1%		1-10	99% - 0%		1-10	100% - 0%	
Legrand	L4402N	[R] 60~500W	2-9	100% - 0%		1-10	99% - 0%		1-10	100% - 0%	
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-7	99% - 1%		1-10	99% - 0%		1-10	100% - 0%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-6	99% - 1%		1-10	99% - 0%		1-10	100% - 0%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-2	98% - 9%		1-6	100% - 0%		1-6	100% - 0%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	2-8	97% - 1%		2-10	99% - 0%		2-10	100% - 0%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-9	100% - 10%		1-10	99% - 0%		2-10	100% - 0%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-3	98% - 6%		1-10	100% - 0%		1-10	100% - 0%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-7	100% - 15%		1-10	99% - 0%		2-10	99% - 0%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-9	98% - 0%		1-10	99% - 0%		1-10	100% - 0%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-18	100% - 70%		1-10	99% - 0%		1-10	100% - 18%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-18	100% - 70%		1-10	99% - 0%		1-10	99% - 0%	
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing	1-3	100% - 0%		1-10	100% - 0%		1-10	100% - 0%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-5	99% - 0%		1-10	99% - 0%		1-10	99% - 0%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-9	100% - 0%		1-10	100% - 0%		1-10	100% - 0%	
RELCO	RP0977	[LED] 4-100W	1-9	100% - 0%		1-10	98% - 2%		1-10	98% - 1%	
RELCO	RM0545	[LED] 4-100W	1-9	98% - 6%		1-10	100% - 0%		1-10	100% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	1-6	99% - 1%		1-10	99% - 0%		1-10	100% - 0%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-7	99% - 1%		1-10	99% - 0%		1-10	100% - 0%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-2	98% - 9%		1-6	100% - 0%		1-6	100% - 0%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing	1-3	100% - 0%		1-10	100% - 0%		1-10	100% - 0%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-5	99% - 0%		1-10	98% - 0%		1-10	98% - 0%	
VADSBO	LDN200	0-200W,LED	1-3	99% - 0%		1-10	100% - 0%		1-10	100% - 0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-3	99% - 0%		1-10	100% - 0%		1-10	100% - 0%	
Varilight	HQ3W	[R] 60-400W	1-7	99% - 15%		2-10	100% - 0%		2-10	100% - 0%	
Varilight	MJP120	0-120W,LED	1-3	56% - 0%		1-10	100% - 0%		1-10	100% - 0%	
Varilight	JQP401W	0-120W,LED	1-3	64% - 0%		1-10	100% - 0%		1-10	100% - 0%	
Vimar	20148	[RL] 500W	1-9	100% - 1%		1-10	98% - 0%		1-10	100% - 0%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-18	99% - 1%		1-10	98% - 0%		1-10	100% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-18	99% - 0%		1-10	98% - 0%		1-10	100% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-18	100% - 0%		1-10	98% - 0%		1-10	100% - 0%	
Philips Dynalite	DDLE801	(100W per channel)	1-4	97% - 0%		1-10	98% - 0%			N.A.	N.A.
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading	1,5-8	99% - 0%		5-10	98% - 0%		6-10	93% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	1-8	99% - 0%		1-10	98% - 0%		6-11	97% - 0%	
Zano	ZMO150	0W-150W, LED,Rot	1-3	93% - 0%		1-10	99% - 0%		1-10	99% - 0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED				1-10	99% - 71%		1-10	99% - 71%	
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED				1-10	99% - 0%		1-10	99% - 0%	

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Professional LED Mains Voltage range

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	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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.

Brand	Type	Load	LED Bulb								
			AS VLE LEDBulbD3.4W-40W E27 940 A60CL G 9290035266 MAS VLE LEDBulbD3.4W-40W E27 940 A60FR G 9290035270			MAS VLE LEDBulbD5.9W-60W E27 940 A60CL G 9290035267 MAS VLE LEDBulbD5.9W-60W E27 940 A60FR G 9290035271			MAS VLE LEDBulbD7.8W-75W E27 940 A60CL G 9290035268 MAS VLE LEDBulbD7.8W-75W E27 940 A60FR G 9290035272		
											
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker |INSTA	286710	[RC] 20 ~ 360 W - Turn	1-10	99% - 0%		1-10	100% - 0%		1-9	99% - 0%	
Berker |INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-10	97% - 0%		1-10	97% - 0%		1-8	89% - 0%	
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	1-10	100% - 0%		1-10	100% - 0%		1-10	100% - 0%	
Busch Jaeger |ABB	2250 U	[R] 60 ~ 600 W - Turn	2-10	100% - 0%		2-10	99% - 0%		2-10	100% - 0%	
Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-10	99% - 0%		1-10	99% - 0%		1-10	98% - 0%	
Busch Jaeger |ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-10	100% - 0%		1-10	99% - 0%		1-10	99% - 0%	
Busch Jaeger |ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-10	97% - 0%		1-10	96% - 0%		1-10	94% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading	1-10	99% - 0%		1-10	100% - 0%		1-10	100% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	1-10	99% - 0%		2-10	98% - 0%		2-10	73% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-10	100% - 0%		1-10	99% - 0%		1-10	95% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	1-10	100% - 0%		2-10	96% - 0%		2-10	71% - 0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing	1-10	100% - 0%		1-3	99% - 0%		1-3	99% - 0%	
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-10	97% - 0%		1-10	99% - 0%		1-10	99% - 0%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	1-10	99% - 0%		1-10	99% - 0%		1-8	100% - 0%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-10	99% - 0%		1-10	100% - 0%		1-10	99% - 0%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-10	99% - 0%		1-10	100% - 0%		1-10	99% - 0%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-10	100% - 0%		1-10	99% - 0%		1-10	90% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-10	96% - 0%		1-10	100% - 0%		1-10	100% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-10	96% - 0%		1-10	96% - 0%		1-10	100% - 0%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing	1-10	100% - 0%		1-3	100% - 0%		1-3	100% - 0%	
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-10	97% - 0%		1-10	99% - 0%		1-10	99% - 0%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	1-10	99% - 0%		1-10	100% - 0%		1-8	100% - 0%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-6	100% - 0%		1-3	100% - 0%		1-3	100% - 0%	
Gira	1176-00/01	[RLC] 50 ~ 420W	1-10	98% - 0%			N.A.	N.A.	1-10	70% - 0%	
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-10	98% - 0%		1-10	98% - 0%		1-10	83% - 0%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-10	97% - 0%		1-10	97% - 0%		1-8	89% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing	1-3	100% - 0%		1-3	98% - 0%		1-3	99% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Leading	1-10	100% - 0%		1-3	98% - 0%		1-3	99% - 0%	
Hager	EVN 011	[RC] 300VA	1-10	98% - 0%		1-10	100% - 0%		1-8	100% - 0%	
Hager	EVN 012	[RC] 300W		N.A.	N.A.		N.A.	N.A.	1-10	100% - 0%	
Hager	EVN 004	[RL] 500VA	1-10	98% - 0%		1-10	97% - 0%		1-10	100% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-10	97% - 0%		1-10	97% - 0%		1-10	80% - 0%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-10	98% - 0%		1-10	98% - 0%		1-10	83% - 0%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-10	97% - 0%		1-10	97% - 0%		1-8	89% - 0%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-7	100% - 0%		1-4	100% - 0%		1-3	100% - 0%	
Legrand	67083	[RLC] 3 ~ 400W	1-10	99% - 0%		1-10	100% - 0%		1-10	100% - 0%	
Legrand	L4402N	[R] 60~500W	1-10	99% - 0%			N.A.	N.A.	1-10	98% - 0%	
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-10	99% - 0%		1-10	99% - 0%		1-10	99% - 0%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-10	99% - 0%		1-10	99% - 0%		1-8	100% - 0%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-6	100% - 0%		1-3	100% - 0%		1-3	99% - 0%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	2-10	99% - 0%		1-10	99% - 0%		2-10	98% - 0%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-10	99% - 0%		1-10	99% - 0%		1-10	98% - 0%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-10	100% - 0%		1-6	98% - 0%		1-5	99% - 0%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-10	99% - 0%		1-10	99% - 0%		1-10	98% - 0%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-10	99% - 0%		1-10	99% - 0%		1-10	93% - 0%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-10	99% - 0%		1-10	99% - 0%		1-10	100% - 0%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-10	99% - 0%		1-10	99% - 0%		1-10	100% - 0%	
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing	1-10	100% - 0%		1-3	100% - 0%		1-3	100% - 0%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-10	99% - 0%			N.A.	N.A.	1-8	100% - 0%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-10	100% - 0%		1-10	99% - 0%		1-10	99% - 0%	
RELCO	RP0977	[LED] 4-100W	1-10	98% - 2%		1-10	99% - 2%		1-10	95% - 2%	
RELCO	RM0545	[LED] 4-100W	1-10	100% - 0%		1-10	100% - 0%		1-10	100% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	1-10	99% - 0%		1-10	99% - 0%		1-8	100% - 0%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-10	99% - 0%		1-10	99% - 0%		1-10	99% - 0%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-6	100% - 0%		1-3	100% - 0%		1-3	99% - 0%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing	1-10	100% - 0%		1-3	99% - 0%		1-3	99% - 0%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-10	98% - 0%		1-10	100% - 0%		1-8	94% - 0%	
VADSBO	LDN200	0-200W,LED	1-10	100% - 0%		1-3	100% - 0%		1-3	100% - 0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-10	100% - 0%		1-3	97% - 0%		1-3	98% - 0%	
Varilight	HQ3W	[R] 60-400W	2-10	100% - 0%		2-10	100% - 0%		1-10	99% - 0%	
Varilight	MJP120	0-120W,LED	1-10	100% - 0%		1-3	76% - 0%		1-3	61% - 0%	
Varilight	JQP401W	0-120W,LED	1-10	100% - 0%		1-3	68% - 0%		1-3	74% - 0%	
Vimar	20148	[RL] 500W	1-10	98% - 0%		1-10	98% - 0%		1-10	98% - 0%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-10	98% - 0%		1-10	96% - 0%		1-10	99% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-10	98% - 0%		1-10	95% - 0%		1-10	83% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-10	98% - 0%		1-10	96% - 0%		1-10	100% - 0%	
Philips Dynalite	DDLE801	(100W per channel)	1-10	98% - 0%		1-8	100% - 0%		1-6	98% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading	5-10	98% - 0%		3-10	100% - 0%		1-3-10	98% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	1-10	98% - 0%		1-10	100% - 0%		2-10	98% - 0%	
Zano	ZMO150	0W-150W, LED,Rot	1-10	99% - 0%		1-3	99% - 0%		1-3	98% - 0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED									
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED									

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Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps

Key

x-y	Excellent dimming with X-Y lamps, however external factors can negatively influence the deep dimming performance
x-y	See note bellow
	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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Brand	Type	Load	LED Bulb								
			LEDClassic 40W Mushroom E27 1800K GOLD D 9290029840			MAS VLE LEDBulbD7.2-50W E27 A60 927 CM G 9290024128 LED classic CM 50W A60 E27 WW CL D SRT4 9290024128			LED diamond_giant 35W E27 CL DIM 9290020946		
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker |INSTA	286710	[RC] 20 ~ 360 W - Turn	1-10	98% - 0%		1-10	100% - 0%		1-10	98% - 0%	
Berker |INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-10	96% - 0%		1-10	100% - 0%		1-10	96% - 0%	
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	1-10	98% - 0%		1-10	100% - 0%		1-10	98% - 0%	
Busch Jaeger |ABB	2250 U	[R] 60 ~ 600 W - Turn	2-10	98% - 0%		2-10	100% - 0%		2-10	98% - 0%	
Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-10	98% - 0%		1-10	100% - 0%		1-10	98% - 0%	
Busch Jaeger |ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-10	98% - 0%		1-10	100% - 0%		1-10	98% - 0%	
Busch Jaeger |ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-10	96% - 0%		1-10	100% - 0%		1-10	96% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading	1-10	98% - 0%		1-10	100% - 0%		1-10	98% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	2-10	67% - 0%		1-10	100% - 0%		2-10	67% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-10	98% - 0%		1-10	100% - 0%		1-10	98% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	2-10	97% - 0%		1-10	100% - 0%		2-10	97% - 0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing	1-3	98% - 0%		1-3	100% - 0%		1-3	100% - 0%	
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-10	98% - 0%		1-10	100% - 0%		1-10	98% - 0%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	1-10	98% - 0%		1-10	100% - 0%		1-10	98% - 0%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-10	99% - 0%		1-10	100% - 0%		1-10	99% - 0%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-10	99% - 0%		1-10	100% - 0%		1-10	99% - 0%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-10	97% - 0%		1-10	100% - 0%		1-10	97% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-10	94% - 0%		1-10	100% - 0%		1-10	94% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-10	94% - 0%		1-10	100% - 0%		1-10	94% - 0%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing	1-3	100% - 0%		1-3	100% - 0%		1-3	100% - 0%	
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-10	98% - 0%		1-10	100% - 0%		1-10	98% - 0%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	1-10	98% - 0%		1-10	100% - 0%		1-10	98% - 0%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-4	99% - 0%		1-3	100% - 0%		1-4	99% - 0%	
Gira	1176-00/01	[RLC] 50 ~ 420W	2-10	97% - 1%		1-10	100% - 0%		2-10	97% - 1%	
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-10	96% - 0%		1-10	100% - 0%		1-10	96% - 0%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-10	96% - 0%		1-10	100% - 0%		1-10	96% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing	1-3	94% - 0%		1-3	100% - 0%		1-3	100% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Leading		N.A.	N.A.	1-3	100% - 0%			N.A.	N.A.
Hager	EVN 011	[RC] 300VA	1-10	97% - 0%		1-10	100% - 0%		1-10	97% - 0%	
Hager	EVN 012	[RC] 300W	1-10	97% - 0%		1-10	100% - 0%		1-10	97% - 0%	
Hager	EVN 004	[RL] 500VA	1-10	99% - 0%		1-10	100% - 0%		1-10	99% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-10	96% - 0%		1-10	100% - 0%		1-10	96% - 0%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-10	96% - 0%		1-10	100% - 0%		1-10	96% - 0%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-10	96% - 0%		1-10	100% - 0%		1-10	96% - 0%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-5	99% - 0%		1-4	100% - 0%		1-5	99% - 0%	
Legrand	67083	[RLC] 3 ~ 400W	1-10	98% - 0%		1-10	100% - 0%		1-10	98% - 0%	
Legrand	L4402N	[R] 60~500W	1-10	98% - 0%		1-10	100% - 0%		1-10	98% - 0%	
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-10	98% - 0%		1-10	100% - 0%		1-10	98% - 0%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-10	98% - 0%		1-10	100% - 0%		1-10	98% - 0%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-4	99% - 0%		1-3	100% - 0%		1-4	99% - 0%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	2-10	98% - 0%		2-10	100% - 0%		2-10	98% - 0%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	2-10	97% - 0%		1-10	100% - 0%		2-10	97% - 0%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-7	99% - 0%		1-6	100% - 0%		1-7	99% - 0%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-10	97% - 0%		1-10	100% - 0%		1-10	97% - 0%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-10	97% - 0%		1-10	100% - 0%		1-10	97% - 0%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-10	98% - 0%		1-10	100% - 0%		1-10	98% - 0%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-10	98% - 0%		1-10	100% - 0%		1-10	98% - 0%	
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing	1-3	100% - 0%		1-3	100% - 0%		1-3	100% - 0%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-10	97% - 0%		1-10	100% - 0%		1-10	97% - 0%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-10	98% - 0%		1-10	100% - 0%		1-10	98% - 0%	
RELCO	RP0977	[LED] 4-100W	1-10	97% - 2%		1-10	100% - 2%		1-10	97% - 2%	
RELCO	RM0545	[LED] 4-100W	1-10	99% - 0%		1-10	100% - 0%		1-10	99% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	1-10	98% - 0%		1-10	100% - 0%		1-10	98% - 0%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-10	98% - 0%		1-10	100% - 0%		1-10	98% - 0%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-4	99% - 0%		1-3	100% - 0%		1-4	99% - 0%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing	1-3	100% - 0%		1-3	100% - 0%		1-3	99% - 0%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-10	97% - 0%		1-10	100% - 0%		1-10	97% - 0%	
VADSBO	LDN200	0-200W,LED	1-3	100% - 0%		1-3	100% - 0%		1-3	100% - 0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-3	100% - 0%		1-3	100% - 0%		1-3	100% - 0%	
Varilight	HQ3W	[R] 60-400W	1-10	98% - 0%		1-10	100% - 0%		1-10	98% - 0%	
Varilight	MJP120	0-120W,LED	1-3	63% - 0%		1-3	71% - 0%		1-3	65% - 0%	
Varilight	JQP401W	0-120W,LED	1-3	76% - 0%		1-3	99% - 0%		1-3	73% - 0%	
Vimar	20148	[RL] 500W	1-10	98% - 0%		1-10	100% - 0%		1-10	98% - 0%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-10	97% - 0%		1-10	100% - 0%		1-10	97% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-10	97% - 5%		1-10	100% - 0%		1-10	97% - 5%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-10	97% - 0%		1-10	100% - 0%		1-10	97% - 0%	
Philips Dynalite	DDLE801	(100W per channel)	1-3	98% - 0%		1-8	96% - 0%		1-3	98% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading		N.A.	N.A.	3-10	97% - 0%			N.A.	N.A.
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing		N.A.	N.A.	2-10	98% - 0%			N.A.	N.A.
Zano	ZMO150	0W-150W, LED,Rot	1-3	98% - 0%		1-3	100% - 0%		1-3	100% - 0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED				1-3	99% - 67%				
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED				1-3	98% - 0%				

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Professional LED Mains Voltage range

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Key

x-y	Excellent dimming with X-Y lamps, however external factors can negatively influence the deep dimming performance
x-y	See note bellow
	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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Brand	Type	Load	LED Bulb					
			MAS LEDBulb D 4-60W E27 827 A60 CL G UE 9290036915 MAS LEDBulb D 4-60W E27 827 A60 FR G UE 9290036916 MAS LEDBulb D 4-60W E27 830 A60 CL G UE 9290036917 MAS LEDBulb D 4-60W E27 830 A60 FR G UE 9290036918			MAS LEDBulb D 4-60W E27 827 A60 CL G UE 9290038001 MAS LEDBulb D 4-60W E27 827 A60 FR G UE 9290038002 MAS LEDBulb D 4-60W E27 830 A60 CL G UE 9290038003 MAS LEDBulb D 4-60W E27 830 A60 FR G UE 9290038004		
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker |INSTA	286710	[RC] 20 ~ 360 W - Turn	1-3	97% - 15%		1-10	99% - 11%	
Bticino | Legrand	2973	[LED, R, L, C] 3 - 60W - Turn	1-3	92% - 0%		1-10	99% - 2%	
Busch Jaeger |ABB	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	1-3	95% - 0%		1-10	98% - 0%	
Busch Jaeger |ABB	2250 U	[R] 60 ~ 600 W - Turn	1-3	89% - 0%		1-10	97% - 0%	
Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-3	98% - 30%		1-10	99% - 13%	
Busch Jaeger |ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-3	91% - 0%		1-10	98% - 0%	
Busch Jaeger |ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-3	100% - 0%		1-10	99% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading	1-3	99% - 0%		1-10	99% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	1-3	99% - 0%		1-10	99% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-3	96% - 0%		1-10	99% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	1-3	96% - 0%		1-10	99% - 0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing	1-3	95% - 0%				
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-3	96% - 4%		1-10	99% - 2%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	1-3	98% - 0%		1-10	99% - 0%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-3	94% - 3%		1-10	99% - 9%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-3	96% - 0%		1-10	99% - 9%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-3	96% - 0%		1-10	99% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-3	96% - 0%		1-10	98% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-3	96% - 0%		1-10	99% - 0%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing	1-3	99% - 0%				
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-3	96% - 4%		1-10	99% - 2%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	1-3	98% - 0%		1-10	99% - 0%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-3	94% - 67%		1-5	99% - 0%	
Gira	1176-00/01	[RLC] 50 ~ 420W	1-3	96% - 12%		1-10	100% - 19%	
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-3	93% - 0%		1-10	99% - 0%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-3	92% - 0%		1-10	99% - 2%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing	1-3	94% - 0%		1-10	97% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Leading	1-3	94% - 0%		1-10	97% - 0%	
Hager	EVN 011	[RC] 300VA	1-3	93% - 0%		1-10	99% - 0%	
Hager	EVN 012	[RC] 300W	1-3	95% - 0%		1-10	100% - 0%	
Hager	EVN 004	[RL] 500VA	1-3	95% - 0%		1-10	99% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-3	93% - 0%		1-10	99% - 0%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-3	93% - 0%		1-10	99% - 0%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-3	92% - 0%		1-10	99% - 2%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-3	85% - 0%		1-5	99% - 0%	
Legrand	67083	[RLC] 3 ~ 400W	1-3	95% - 0%		1-10	99% - 0%	
Legrand	L4402N	[R] 60~500W		N.A.	N.A.	2-10	100% - 0%	
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-3	96% - 4%		1-10	99% - 2%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-3	98% - 0%		1-10	99% - 0%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-3	94% - 67%		1-5	99% - 0%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-3	69% - 0%		1-10	92% - 0%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-3	88% - 0%		1-10	99% - 0%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-3	88% - 0%		1-8	98% - 0%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-3	88% - 0%		1-10	100% - 12%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-3	99% - 0%		1-10	99% - 0%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-3	90% - 0%		1-10	99% - 0%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-3	90% - 0%		1-10	99% - 0%	
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing	1-3	100% - 0%		1-10	99% - 0%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-3	86% - 0%		1-10	99% - 0%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-3	91% - 0%		1-10	98% - 0%	
RELCO	RP0977	[LED] 4-100W		N.A.	N.A.		N.A.	N.A.
RELCO	RM0545	[LED] 4-100W	1-3	96% - 0%		1-10	99% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	1-3	98% - 0%		1-10	99% - 0%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-3	96% - 4%		1-10	99% - 2%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-3	94% - 67%		1-5	99% - 0%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing	1-3	99% - 0%		1-10	99% - 0%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-3	98% - 0%		1-10	99% - 0%	
VADSBO	LDN200	0-200W,LED	1-3	96% - 0%		1-10	99% - 0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-3	96% - 0%		1-10	100% - 0%	
Varilight	HQ3W	[R] 60-400W	1-3	91% - 0%		1-10	99% - 0%	
Varilight	MJP120	0-120W,LED	1-3	67% - 0%		1-10	100% - 0%	
Varilight	JQP401W	0-120W,LED	1-3	63% - 0%				
Vimar	20148	[RL] 500W	1-3	95% - 0%		1-10	98% - 0%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-3	96% - 0%		1-10	99% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-3	97% - 0%		1-10	99% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-3	97% - 0%		1-10	99% - 0%	
Philips Dynalite	DDLE801	(100W per channel)	1-3	98% - 0%		1-10	99% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading	1-3	97% - 0%		1-10	99% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	1-3	97% - 0%		1-10	99% - 0%	
Zano	ZMO150	0W-150W, LED,Rot	1-3	90% - 0%		1-10	98% - 0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED	1-3	100% - 0%				
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED	1-3	100% - 0%				

Q4 2026

Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps

Key

x-y	Excellent dimming with X-Y lamps, however external factors can negatively influence the deep dimming performance
x-y	See note bellow
	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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.

LED Bulb

MAS VLE LEDBulbD4-25W E27 A60 GOLD SP G 9290029828
MAS VLE LEDBulbD4-25W E27 ST64 GOLD SP G 9290029829
MAS VLE LEDBulbD4-25W E27 T32 GOLD SP G 9290029831
MAS VLE LEDBulbD4-15W E27 G93GOLD SP G 9290029830



LED classic 25W ST64 E27 pink D SRT4 9290024537
LED classic 25W G93 E27 pink D 1PF/4 9290024538
LED CLA giant 25W E27 G200 pink DIM 9290024539
LED classic 25W ST64 E27 gradient D SRT 9290024540
LED classic 25W G120 E27 gradient D 1PF 9290024541
LED CLA giant 28W E27 G200 gradient D 9290024542



LED Candle

LED classic 60W B35 E14 CL WGD90 9290030139
LED classic 60W B35 B22 CL WGD90 9290030140
LED classic 60W P45 E14 WGD90 CL 9290030141
LED classic 60W P45 B22 WGD90 CL 9290030142
LED classic 60W P45 E27 WGD90 CL 9290030143



Brand	Type	Load	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker |INSTA	286710	[RC] 20 ~ 360 W - Turn	1-10	98% - 0%		1-10	98% - 0%		1-5	72% - 0%	
Berker |INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-10	96% - 0%		1-10	96% - 0%		1-10	0% - 0%	
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	1-10	98% - 0%		1-10	98% - 0%		1	96% - 0%	
Busch Jaeger |ABB	2250 U	[R] 60 ~ 600 W - Turn	2-10	98% - 0%		2-10	98% - 0%		1-20	93% - 0%	
Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-10	98% - 0%		1-10	98% - 0%		1-10	66% - 0%	
Busch Jaeger |ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-10	98% - 0%		1-10	98% - 0%		1-17	95% - 0%	
Busch Jaeger |ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-10	96% - 0%		1-10	96% - 0%			N.A.	N.A.
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading	1-10	98% - 0%		1-10	98% - 0%		1-20	87% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	2-10	67% - 0%		2-10	67% - 0%			N.A.	N.A.
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-10	98% - 0%		1-10	98% - 0%		1-20	76% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	2-10	97% - 0%		2-10	97% - 0%		1	93% - 0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing	1-3	100% - 0%		1-3	99% - 0%		1-3	99% - 0%	
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-10	98% - 0%		1-10	98% - 0%		1-3	95% - 0%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	1-10	98% - 0%		1-10	98% - 0%		1-4	97% - 0%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-10	99% - 0%		1-10	99% - 0%		1	97% - 0%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-10	99% - 0%		1-10	99% - 0%		1-20	0% - 0%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-10	97% - 0%		1-10	97% - 0%		1	0% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-10	94% - 0%		1-10	94% - 0%		1-15	70% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-10	94% - 0%		1-10	94% - 0%		1-20	98% - 0%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing	1-3	100% - 0%		1-3	100% - 0%		1-3	100% - 0%	
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-10	98% - 0%		1-10	98% - 0%		1-3	95% - 0%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	1-10	98% - 0%		1-10	98% - 0%		1-4	97% - 0%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-4	99% - 0%		1-4	99% - 0%		1-3	96% - 0%	
Gira	1176-00/01	[RLC] 50 ~ 420W	2-10	97% - 1%		2-10	97% - 1%			N.A.	N.A.
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-10	96% - 0%		1-10	96% - 0%		1-17	97% - 0%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-10	96% - 0%		1-10	96% - 0%		1-10	80% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing	1-3	100% - 0%		1-3	99% - 0%		1-3	98% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Leading		N.A.	N.A.		N.A.	N.A.	1-3	98% - 0%	
Hager	EVN 011	[RC] 300VA	1-10	97% - 0%		1-10	97% - 0%		1-3	70% - 0%	
Hager	EVN 012	[RC] 300W	1-10	97% - 0%		1-10	97% - 0%		1-5	70% - 2%	
Hager	EVN 004	[RL] 500VA	1-10	99% - 0%		1-10	99% - 0%		1-17	69% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-10	96% - 0%		1-10	96% - 0%		1-17	96% - 0%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-10	96% - 0%		1-10	96% - 0%		1-17	97% - 0%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-10	96% - 0%		1-10	96% - 0%		1-10	80% - 0%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-5	99% - 0%		1-5	99% - 0%		1-4	99% - 2%	
Legrand	67083	[RLC] 3 ~ 400W	1-10	98% - 0%		1-10	98% - 0%		1-5	97% - 0%	
Legrand	L4402N	[R] 60~500W	1-10	98% - 0%		1-10	98% - 0%		1-2	98% - 0%	
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-10	98% - 0%		1-10	98% - 0%		1-3	95% - 0%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-10	98% - 0%		1-10	98% - 0%		1-3	97% - 0%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-4	99% - 0%		1-4	99% - 0%		1-3	96% - 0%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	2-10	98% - 0%		2-10	98% - 0%		1-15	96% - 0%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	2-10	97% - 0%		2-10	97% - 0%		1-17	97% - 0%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-7	99% - 0%		1-7	99% - 0%		1-6	96% - 0%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-10	97% - 0%		1-10	97% - 0%		1-14	99% - 0%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-10	97% - 0%		1-10	97% - 0%			N.A.	N.A.
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-10	98% - 0%		1-10	98% - 0%			N.A.	N.A.
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-10	98% - 0%		1-10	98% - 0%			N.A.	N.A.
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing	1-3	100% - 0%		1-3	100% - 0%		1-3	100% - 0%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-10	97% - 0%		1-10	97% - 0%		1-10	99% - 10%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-10	98% - 0%		1-10	98% - 0%		1-17	95% - 0%	
RELCO	RP0977	[LED] 4-100W	1-10	97% - 2%		1-10	97% - 2%			N.A.	N.A.
RELCO	RM0545	[LED] 4-100W	1-10	99% - 0%		1-10	99% - 0%			N.A.	N.A.
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	1-10	98% - 0%		1-10	98% - 0%		1-3	97% - 0%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-10	98% - 0%		1-10	98% - 0%		1-3	95% - 0%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-4	99% - 0%		1-4	99% - 0%		1-3	96% - 0%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing	1-3	99% - 0%		1-3	99% - 0%		1-3	99% - 0%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-10	97% - 0%		1-10	97% - 0%		1-3	95% - 0%	
VADSBO	LDN200	0-200W,LED	1-3	100% - 0%		1-3	99% - 0%		1-3	100% - 0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-3	100% - 0%		1-3	99% - 0%		1-3	97% - 0%	
Varilight	HQ3W	[R] 60-400W	1-10	98% - 0%		1-10	98% - 0%		1-3	97% - 0%	
Varilight	MJP120	0-120W,LED	1-3	65% - 0%		1-3	61% - 0%		1-3	76% - 0%	
Varilight	JQP401W	0-120W,LED	1-3	73% - 0%		1-3	73% - 0%		1-3	68% - 0%	
Vimar	20148	[RL] 500W	1-10	98% - 0%		1-10	98% - 0%		1-17	99% - 0%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-10	97% - 0%		1-10	97% - 0%		1-20	72% - 3%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-10	97% - 5%		1-10	97% - 5%		1-20	72% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-10	97% - 0%		1-10	97% - 0%			N.A.	N.A.
Philips Dynalite	DDLE801	(100W per channel)	1-3	98% - 0%		1-3	98% - 0%		1-8	96% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading		N.A.	N.A.		N.A.	N.A.	5-10	97% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing		N.A.	N.A.		N.A.	N.A.	3-10	97% - 0%	
Zano	ZMO150	0W-150W, LED,Rot	1-3	100% - 0%		1-3	99% - 0%		1-3	99% - 0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED									
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED									

Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps

Key

x-y	Excellent dimming with X-Y lamps, however external factors can negatively influence the deep dimming performance
x-y	See note bellow
	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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.

Brand	Type	Load	LED Candle								
			MAS VLE LEDCandleD2.5-15WE14 B35GOLDSP G 9290029832 MAS VLE LEDLusterD 2.6-15W E14 P45 SP G 9290029833 MAS VLE LEDBulbD 2.6-15W E27 GOLDP45SP G 9290029834			MAS VLE LEDCandleDT2.5-25W E14 B35CL G 9290030119 MAS VLE LEDLusterDT2.5-25W E14 927P45CLG 9290030120 MAS VLE LEDLusterDT2.5-25W E27 927P45CLG 9290030121 MAS LEDCandleDT2.5-25W E14 BA35 CL G 9290030713 MAS LEDCandleDT2.5-25W B22 B35 CL G 9290030712			LMAS VLE LEDCandleDT3.4-40W E14 927B35CLG 9290030122 MAS VLE LEDCandleDT3.4-40W E27 927B35CLG 9290030123 MAS VLE LEDCandleDT3.4-40W B22 927B35CLG 9290030124 MAS VLE LEDCandleDT3.4-40W B15 927B35CLG 9290030125 MAS VLE LEDCandleDT3.4-40W E14927BA35CLG 9290030130 MAS VLE LEDLusterDT3.4-40W E14 927P45CLG 9290030131 MAS VLE LEDLusterDT3.5-40W E27 927P45CLG 9290030132 MAS VLE LEDLusterDT3.5-40W E27 927P45FRG 9290030136		
											
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker |INSTA	286710	[RC] 20 ~ 360 W - Turn	1-10	97% - 0%		1-20	98% - 0%		1-20	99% - 0%	
Berker |INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-10	96% - 0%		1-20	93% - 0%		1-18	96% - 0%	
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	1-10	99% - 0%		1-20	96% - 0%		1-20	98% - 0%	
Busch Jaeger |ABB	2250 U	[R] 60 ~ 600 W - Turn	2-10	96% - 0%		3-20	95% - 0%		1-20	99% - 0%	
Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-10	97% - 0%		1-20	95% - 0%		1-20	99% - 0%	
Busch Jaeger |ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-10	100% - 0%		1-20	86% - 0%		1-20	99% - 0%	
Busch Jaeger |ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-10	98% - 0%		1-20	93% - 0%		1-20	99% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading	1-10	96% - 0%		1-20	92% - 0%		1-20	99% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	1-10	96% - 0%		1-20	94% - 0%		1-20	99% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-10	97% - 0%		1-20	94% - 0%		1-20	99% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	1-10	97% - 0%		1-20	94% - 0%		1-20	98% - 0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing	1-3	97% - 0%		1-10	100% - 0%		1-10	100% - 0%	
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-10	96% - 0%		1-20	99% - 0%		1-20	99% - 0%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	1-10	98% - 0%		1-20	100% - 0%		1-19	99% - 0%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-10	97% - 0%		1-20	100% - 0%		1-20	98% - 0%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-10	97% - 0%		1-20	100% - 0%		1-20	98% - 0%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-10	97% - 0%		1-20	99% - 0%		1-20	99% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-10	97% - 0%		1-10	96% - 0%		1-10	95% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-10	97% - 0%		1-20	98% - 0%		1-20	94% - 0%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing	1-3	100% - 0%		1-10	100% - 0%		1-10	100% - 0%	
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-10	96% - 0%		1-20	99% - 0%		1-20	99% - 0%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	1-10	98% - 0%		1-20	100% - 0%		1-19	99% - 0%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-8	99% - 0%		1-8	99% - 0%		1-6	100% - 0%	
Gira	1176-00/01	[RLC] 50 ~ 420W	1-10	96% - 0%		1-20	100% - 3%		1-20	98% - 4%	
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-10	95% - 0%		1-20	92% - 0%		1-20	96% - 0%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-10	96% - 0%		1-20	93% - 0%		1-18	98% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing	1-3	95% - 0%		1-3	100% - 0%		1-3	100% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Leading		N.A.	N.A.	1-10	100% - 0%		1-10	100% - 0%	
Hager	EVN 011	[RC] 300VA	1-10	99% - 0%		1-20	99% - 0%		1-18	97% - 0%	
Hager	EVN 012	[RC] 300W		N.A.	N.A.	1-20	100% - 4%		1-20	98% - 2%	
Hager	EVN 004	[RL] 500VA	1-10	96% - 0%		1-20	98% - 0%		1-20	97% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-10	90% - 0%		1-20	97% - 0%		1-20	97% - 0%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-10	95% - 0%		1-20	92% - 0%		1-20	96% - 0%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-10	96% - 0%		1-20	93% - 0%		1-18	98% - 0%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-9	100% - 0%		1-10	88% - 3%		1-7	95% - 3%	
Legrand	67083	[RLC] 3 ~ 400W	1-10	97% - 0%		1-20	100% - 0%		1-20	97% - 0%	
Legrand	L4402N	[R] 60~500W	1-10	98% - 0%		1	86% - 0%		1	98% - 24%	
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-10	96% - 0%		1-20	99% - 0%		1-20	99% - 0%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-10	98% - 0%		1-20	100% - 0%		1-19	99% - 0%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-8	99% - 0%		1-8	99% - 0%		1-6	100% - 0%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	2-10	97% - 0%		5-20	92% - 0%		2-20	95% - 0%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-10	97% - 0%		1-20	99% - 0%		2-20	100% - 0%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-10	99% - 0%		1-14	100% - 0%		1-11	100% - 0%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-10	99% - 0%		1-20	98% - 0%		1-20	100% - 0%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-10	98% - 0%		1-20	99% - 0%		1-20	98% - 0%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-10	99% - 0%		1-5	99% - 0%		1-20	98% - 0%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-10	99% - 0%		1-5	99% - 0%		1-20	98% - 0%	
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing	1-3	100% - 0%		1-10	100% - 0%		1-10	100% - 0%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-10	97% - 0%			N.A.	N.A.	1-18	95% - 0%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-10	100% - 0%		1-20	86% - 0%		1-20	99% - 0%	
RELCO	RP0977	[LED] 4-100W	1-10	98% - 0%		1-20	100% - 4%		1-20	98% - 4%	
RELCO	RM0545	[LED] 4-100W	1-10	99% - 0%		1-20	100% - 0%		1-20	98% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	1-10	98% - 0%		1-20	100% - 0%		1-19	99% - 0%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-10	96% - 0%		1-20	99% - 0%		1-20	99% - 0%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-8	99% - 0%		1-8	99% - 0%		1-6	100% - 0%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing	1-3	96% - 0%		1-10	96% - 0%		1-10	100% - 0%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-10	99% - 0%		1-20	63% - 0%		1-18	77% - 0%	
VADSBO	LDN200	0-200W,LED	1-3	97% - 0%		1-10	98% - 0%		1-10	100% - 0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-3	96% - 0%		1-10	99% - 0%		1-10	100% - 0%	
Varilight	HQ3W	[R] 60-400W	2-10	97% - 0%		1-20	99% - 0%		1-20	99% - 0%	
Varilight	MJP120	0-120W,LED	1-3	48% - 0%		1-10	49% - 0%		1-10	100% - 0%	
Varilight	JQP401W	0-120W,LED	1-3	56% - 0%		1-10	54% - 0%		1-10	100% - 0%	
Vimar	20148	[RL] 500W	1-10	98% - 0%		1-20	92% - 0%		1-20	97% - 0%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-10	96% - 0%		1-20	98% - 3%		1-20	98% - 3%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-10	97% - 0%		1-20	98% - 0%		1-20	99% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-10	98% - 0%		1-20	98% - 0%		1-20	97% - 0%	
Philips Dynalite	DDLE801	(100W per channel)	2-3	90% - 1%		1-10	90% - 0%		1-10	89% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading	3	97% - 1%		1-10	97% - 0%	3-5	6-10	98% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	2-3	97% - 1%		5-10	97% - 0%		1-10	98% - 0%	
Zano	ZMO150	0W-150W, LED,Rot	1-3	97% - 0%		1-10	100% - 0%		1-10	99% - 0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED									
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED									

Q4 2026

Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps

Key

x-y	Excellent dimming with X-Y lamps, however external factors can negatively influence the deep dimming performance
x-y	See note bellow
	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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.

			LED Bulb								
			MAS LEDbulb DT 8-60W E27 A60 CL UK 9290024902			MAS LEDlustre DT 5.5-40W E14 P48 CL 9290024914 MAS LEDcandle DT 5.5-40W B15 B38 CL UK 9290024909 MAS LEDcandle DT 5.5-40W E14 B38 CL UK 9290024910 MAS LEDcandle DT 5.5-40W B22 B38 CL UK 9290024911 MAS LEDcandle DT 5.5-40W E27 B38 CL UK 9290024912 MAS LEDcandle DT 5.5-40W E14 BA38 CL 9290024913			CorePro LEDbulb DIM 8-60W A60 E27 5CCT 9290037852		
Brand	Type	Load	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker |INSTA	286710	[RC] 20 ~ 360 W - Turn	1-9	99% - 4%		1-10	99% - 9%		2-5	99% - 1%	
Berker |INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-8	98% - 3%		1-10	98% - 3%		1-5	94% - 3%	
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	1-9	98% - 1%		1-10	100% - 0%		1-5	99% - 0%	
Busch Jaeger |ABB	2250 U	[R] 60 ~ 600 W - Turn	1-10	99% - 1%		1-20	100% - 0%		1-5	94% - 0%	
Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-15	98% - 10%		2-20	100% - 7%		2-5	95% - 6%	
Busch Jaeger |ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-10	99% - 1%		1-15	99% - 0%		1-5	98% - 0%	
Busch Jaeger |ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-10	97% - 1%		1-15	98% - 0%		1-5	95% - 3%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading	1-10	100% - 1%		1-15	100% - 1%		1-5	94% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	1-10	99% - 1%		1-15	100% - 1%		1-5	94% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-20	59% - 1%		1-20	99% - 0%		1-5	94% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	1-20	98% - 1%		1-20	100% - 0%		1-5	94% - 0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing	1-20	99% - 1%		1-20	100% - 0%		1-5	83% - 0%	
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-10	100% - 6%		1-15	98% - 10%		1-5	94% - 6%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	1-8	98% - 1%		1-10	100% - 2%		1-5	94% - 0%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-15	97% - 5%		1-20	100% - 7%		1-5	95% - 5%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-15	97% - 5%		1-20	100% - 7%		1-5	95% - 5%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-10	100% - 1%		1-15	98% - 0%		1-5	98% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-20	99% - 1%		1-20	95% - 4%		1-2	98% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-20	99% - 1%		1-20	96% - 3%		1-5	98% - 1%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing	1-20	99% - 1%					1-5	97% - 0%	
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-10	100% - 6%		1-15	98% - 10%		1-5	94% - 6%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	1-8	98% - 1%		1-10	100% - 2%		1-5	94% - 0%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-3	98% - 4%		1-4	100% - 6%		1-2	94% - 1%	
Gira	1176-00/01	[RLC] 50 ~ 420W	1-10	97% - 8%		1-15	98% - 15%		1-5	97% - 8%	
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-10	98% - 3%		1-15	100% - 3%		1-5	95% - 1%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-8	98% - 3%		1-10	98% - 3%		1-5	94% - 3%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing	1-10	100% - 1%		1-15	96% - 0%		1-5	98% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Leading	1-10	99% - 1%		1-15	99% - 0%		1-5	98% - 0%	
Hager	EVN 011	[RC] 300VA	1-8	99% - 2%		1-10	100% - 2%		1-5	95% - 9%	
Hager	EVN 012	[RC] 300W	1-10	99% - 2%		1-15	100% - 2%		1-5	95% - 0%	
Hager	EVN 004	[RL] 500VA	1-10	98% - 5%		1-15	100% - 8%		1-5	95% - 1%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-10	99% - 1%		1-15	98% - 0%		1-5	95% - 0%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-10	98% - 3%		1-15	100% - 3%		1-5	95% - 1%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-8	98% - 3%		1-10	98% - 3%		1-5	94% - 3%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-3	94% - 1%		1-4	86% - 0%		1-5	86% - 7%	
Legrand	67083	[RLC] 3 ~ 400W	1-10	99% - 2%		1-15	98% - 0%		1-5	97% - 0%	
Legrand	L4402N	[R] 60~500W	1-10	98% - 6%		1-15	95% - 9%		1-5	98% - 37%	
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-10	100% - 6%		1-15	98% - 10%		1-5	94% -63%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-8	98% - 1%		1-10	100% - 2%		1-5	94% - 0%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-3	98% - 4%		1-4	100% - 6%		1-5	94% - 1%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-10	93% - 3%		1-15	92% - 4%		2-5	94% - 0%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-10	97% - 2%		1-15	95% - 2%		1-5	94% - 11%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-5	97% - 2%		1-7	96% - 2%		1-5	98% - 24%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-10	98% - 2%		1-15	96% - 2%		1-5	95% - 12%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-10	97% - 1%		1-15	100% - 0%		1-5	94% - 5%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-20	97% - 1%		1-20	99% - 5%		1-5	97% - 0%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-20	97% - 1%		1-20	99% - 5%		1-5	97% - 0%	
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing	1-20	99% - 1%		1-20	99% - 0%		1-5	97% - 0%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-8	96% - 1%		1-10	94% - 0%		1-5	93% - 3%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-10	98% - 1%		1-15	99% - 0%		1-5	95% - 3%	
RELCO	RP0977	[LED] 4-100W	1-10	99% - 1%		1-15	99% - 0%		1-5	94% - 14%	
RELCO	RM0545	[LED] 4-100W	1-10	98% - 2%		1-15	96% - 2%		1-5	75% - 24%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	1-8	98% - 1%		1-10	100% - 2%		1-5	94% - 0%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-10	100% - 6%		1-15	98% - 10%		1-5	94% - 6%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-3	98% - 4%		1-4	100% - 6%		1-5	94% - 1%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing		N.A.	N.A.		N.A.	N.A.	1-5	82% - 0%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-8	97% - 1%		1-10	98% - 0%		1-5	98% - 9%	
VADSBO	LDN200	0-200W,LED	1-20	99% - 1%		1-20	100% - 0%		1-5	98% - 0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-20	99% - 1%		1-20	99% - 0%		1-5	96% - 0%	
Varilight	HQ3W	[R] 60-400W	1-10	98% - 2%		1-15	99% - 3%		1-5	97% - 0%	
Varilight	MJP120	0-120W,LED	1-15	47% - 1%		1-20	51% - 0%		1-5	56% - 15%	
Varilight	JQP401W	0-120W,LED	1-15	47% - 1%		1-20	49% - 0%		1-5	98% - 1%	
Vimar	20148	[RL] 500W	1-10	99% - 3%		1-15	98% - 3%		1-5	98% - 14%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-20	97% - 1%		1-20	99% - 0%		1-5	98% - 13%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-20	97% - 1%		1-20	100% - 0%		1-5	99% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-20	97% - 1%		1-20	100% - 0%		1-5	99% - 0%	
Philips Dynalite	DDLE801	(100W per channel)	1-10	99% - 1%		1-15	98% - 0%		1-5	98% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading	1-10	98% - 1%		1-10	100% - 0%		1-5	98% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	1-10	98% - 1%		1-10	100% - 0%		1-5	98% - 0%	
Zano	ZMO150	0W-150W, LED,Rot	1-15	99% - 1%		1-20	94% - 0%		1-5	90% - 0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED									
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED									

Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps

Key

x-y	Excellent dimming with X-Y lamps, however external factors can negatively influence the deep dimming performance
x-y	See note bellow
	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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.

Brand	Type	Load	LED Lamp								
			MAS VLE LEDBulbD3.4-40W E27 940 A60CL G 9290035266 MAS VLE LEDBulbD3.4-40W E27 940 A60FR G 9290035270			MAS VLE LEDBulbD5.9-60W E27 940 A60CL G 9290035267 MAS VLE LEDBulbD5.9-60W E27 940 A60FR G 9290035271			MAS VLE LEDBulbD7.8-75W E27 940 A60CL G 9290035268 MAS VLE LEDBulbD7.8-75W E27 940 A60FR G 9290035272		
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker |INSTA	286710	[RC] 20 ~ 360 W - Turn	1-10	99% - 0%		1-10	100% - 0%		1-9	99% - 0%	
Berker |INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-10	97% - 0%		1-10	97% - 0%		1-8	89% - 0%	
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	1-10	99% - 0%		1-10	100% - 0%		1-10	100% - 0%	
Busch Jaeger |ABB	2250 U	[R] 60 ~ 600 W - Turn	2-10	100% - 0%		2-10	99% - 0%		2-10	100% - 0%	
Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-10	99% - 0%		1-10	99% - 0%		1-10	98% - 0%	
Busch Jaeger |ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-10	99% - 0%		1-10	99% - 0%		1-10	99% - 0%	
Busch Jaeger |ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-10	97% - 0%		1-10	96% - 0%		1-10	94% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading	1-10	99% - 0%		1-10	100% - 0%		1-10	100% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	1-10	99% - 0%		2-10	98% - 0%		2-10	73% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-10	99% - 0%		1-10	99% - 0%		1-10	95% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	1-10	99% - 0%		2-10	96% - 0%		2-10	71% - 0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing									
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-10	97% - 0%		1-10	99% - 0%		1-10	99% - 0%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	1-10	99% - 0%		1-10	99% - 0%		1-8	100% - 0%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-10	99% - 0%		1-10	100% - 0%		1-10	99% - 0%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-10	99% - 0%		1-10	100% - 0%		1-10	99% - 0%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-10	100% - 0%		1-10	99% - 0%		1-10	90% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-10	96% - 0%		1-10	100% - 0%		1-10	100% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-10	96% - 0%		1-10	96% - 0%		1-10	100% - 0%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing									
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-10	97% - 0%		1-10	99% - 0%		1-10	99% - 0%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	1-10	99% - 0%		1-10	100% - 0%		1-8	100% - 0%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-6	100% - 0%		1-3	100% - 0%		1-3	100% - 0%	
Gira	1176-00/01	[RLC] 50 ~ 420W	1-10	98% - 0%		1-10	0% - 0%		1-10	70% - 0%	
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-10	98% - 0%		1-10	98% - 0%		1-10	83% - 0%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-10	97% - 0%		1-10	97% - 0%		1-8	89% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing									
Hamilton	LEDIT-B100	5-100W,LED, Leading									
Hager	EVN 011	[RC] 300VA	1-10	98% - 0%		1-10	100% - 0%		1-8	100% - 0%	
Hager	EVN 012	[RC] 300W	1-10	0% - 0%		1-10	0% - 0%		1-10	100% - 0%	
Hager	EVN 004	[RL] 500VA	1-10	98% - 0%		1-10	97% - 0%		1-10	100% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-10	97% - 0%		1-10	97% - 0%		1-10	80% - 0%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-10	98% - 0%		1-10	98% - 0%		1-10	83% - 0%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-12	97% - 0%		1-10	97% - 0%		1-8	89% - 0%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-7	100% - 0%		1-4	100% - 0%		1-3	100% - 0%	
Legrand	67083	[RLC] 3 ~ 400W	1-10	99% - 0%		1-10	100% - 0%		1-8	100% - 0%	
Legrand	L4402N	[R] 60~500W	1-10	99% - 0%		1-10	0% - 0%		1-10	98% - 0%	
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-10	99% - 0%		1-10	99% - 0%		1-10	99% - 0%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-10	99% - 0%		1-10	99% - 0%		1-8	100% - 0%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-6	100% - 0%		1-3	100% - 0%		1-3	99% - 0%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-10	99% - 0%		1-10	99% - 0%		2-10	98% - 0%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-10	99% - 0%		1-10	99% - 0%		1-10	98% - 0%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-10	100% - 0%		1-6	98% - 0%		1-5	99% - 0%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-10	99% - 0%		1-10	99% - 0%		1-10	98% - 0%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-10	99% - 0%		1-10	99% - 0%		1-10	93% - 0%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-10	99% - 0%		1-10	99% - 0%		1-10	100% - 0%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-10	99% - 0%		1-10	99% - 0%		1-10	100% - 0%	
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing									
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-10	99% - 0%		1-10	0% - 0%		1-8	100% - 0%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-10	100% - 0%		1-10	99% - 0%		1-10	99% - 0%	
RELCO	RP0977	[LED] 4-100W	1-10	98% - 2%		1-10	99% - 2%		1-10	95% - 2%	
RELCO	RM0545	[LED] 4-100W	1-10	100% - 0%		1-10	100% - 0%		1-10	100% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	1-10	99% - 0%		1-10	99% - 0%		1-8	100% - 0%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-10	99% - 0%		1-10	99% - 0%		1-10	99% - 0%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-6	100% - 0%		1-3	100% - 0%		1-3	99% - 0%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing									
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-10	98% - 0%		1-10	100% - 0%		1-8	94% - 0%	
VADSBO	LDN200	0-200W,LED									
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing									
Varilight	HQ3W	[R] 60-400W	2-10	100% - 0%		2-10	100% - 0%		1-10	99% - 0%	
Varilight	MJP120	0-120W,LED									
Varilight	JQP401W	0-120W,LED									
Vimar	20148	[RL] 500W	1-10	98% - 0%		1-10	98% - 0%		1-10	98% - 0%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-10	98% - 0%		1-10	96% - 0%		1-10	99% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-10	98% - 0%		1-10	95% - 0%		1-10	83% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-10	98% - 0%		1-10	96% - 0%		1-10	100% - 0%	
Philips Dynalite	DDLE801	(100W per channel)	1-10	98% - 0%		1-8	100% - 0%		1-6	98% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading	5-10	98% - 0%		3-10	100% - 0%		1, 3-10	98% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	1-10	98% - 0%		1-10	100% - 0%		2-10	98% - 0%	
Zano	ZMO150	0W-150W, LED,Rot									
Hager	WH104302	[LED, R, L, C] 3-90W LED									
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED									

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Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps

Key

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	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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			LED Lamp								
			MAS VLE LEDBulbD11.2-100W E27 940A60CLG 9290035269 MAS VLE LEDBulbD11.2-100W E27 940A60FRG 9290035273			MAS LEDcandle DT 2.8-25W E14 BA38 CL 9290024906 MAS LEDcandle DT 2.8-25W B22 B38 CL 9290024905			CorePro LEDbulb D 40-60-75-100W A60 5CCT_100W 9290044351		
											
Brand	**Type**	**Load**	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker |INSTA	286710	[RC] 20 ~ 360 W - Turn	2-6	99% - 13%		1-3			1-5	100% - 22%	
Berker |INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-5	99% - 0%		1-3			1-4	95% - 5%	
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	2-7	99% - 1%		1-3			1-5	100% - 6%	
Busch Jaeger |ABB	2250 U	[R] 60 ~ 600 W - Turn	1-11	99% - 0%		1-3			1-9	100% - 1%	
Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	2-11	99% - 13%		1-3	99% - 16%		1-6	64% - 29%	
Busch Jaeger |ABB	6523 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-9	100% - 0%		1-3			1-7	100% - 0%	
Busch Jaeger |ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-9	99% - 0%		1-3	99% - 0%		1-7	100% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading	1-9	98% - 2%		1-3			1-7	100% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	1-9	99% - 8%		1-3			1-7	100% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-20	99% - 0%		1-3			1-20	99% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	1-20	100% - 0%		1-3			1-20	100% - 0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/ EKO30195	0-200W,LED,Trailing				1-3	94% - 0%		1-14	100% - 10%	
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-7	99% - 21%		'1-3			1-6	100% - 20%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	1-6	99% - 1%		1-3			1-5	100% - 10%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-11	100% - 10%		1-3	96% - 0%		1-9	99% - 10%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-11	100% - 10%		1-3	96% - 0%		1-9	99% - 10%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-7	100% - 1%		1-3			1-6	100% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-18	99% - 0%		1-3			1-14	100% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-18	99% - 1%		1-3			1-14	100% - 3%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing							1-20	100% - 0%	
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-7	99% - 21%		1-3			1-6	100% - 23%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	1-6	99% - 1%		1-3			1-5	100% - 10%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-2	98% - 9%		1-3			1	100% - 7%	
Gira	1176-00/01	[RLC] 50 ~ 420W	1-8	99% - 18%		1-3			1-6	99% - 33%	
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-9	98% - 5%		1-3			1-7	98% - 5%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-5	100% - 7%		1-3			1- 4	99% - 5%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing				1-3			1-7	100% - 5%	
Hamilton	LEDIT-B100	5-100W,LED, Leading				1-3			1-7	99% - 0%	
Hager	EVN 011	[RC] 300VA	1-5	99% - 0%		1-3	99% - 0%		1- 4	100% - 3%	
Hager	EVN 012	[RC] 300W	1-9	100% - 4%		1-3	99% - 0%		1-7	100% - 3%	
Hager	EVN 004	[RL] 500VA	1-9	100% - 2%		1-3	99% - 0%		1-7	99% - 6%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-9	94% - 3%		1-3	94% - 3%		1-7	100% - 1%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-9	98% - 5%		1-3			1-7	98% - 5%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-5	100% - 7%		1-3			1- 4	99% - 5%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-2	100% - 0%		1-3			1-2	94% - 0%	
Legrand	67083	[RLC] 3 ~ 400W	1-7	99% - 0%					1-6	99% - 5%	
Legrand	L4402N	[R] 60~500W	2-9	100% - 0%					1-7	97% - 10%	
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-7	99% - 1%		1-3			1- 6	100% - 23%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-6	99% - 1%		1-3			1-5	100% - 10%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-2	98% - 9%		1-3			1	100% - 7%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	2-8	97% - 1%		1-3				N.A.	N.A.
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-9	100% - 10%		1-3			1-7	98% - 3%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-3	98% - 6%		1-3			1-3	97% - 4%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-7	100% - 15%		1-3			1- 6	99% - 2%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-9	98% - 0%		1-3	100% - 0%		1-7	100% - 0%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-18	100% - 70%		1-3	96% - 0%		1-14	100% - 0%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-18	100% - 70%		1-3	96% - 0%		1-14	100% - 0%	
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing				1-3	99% - 0%		1-14	100% - 3%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-5	99% - 0%		1-3			1- 4	95% - 4%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-9	100% - 0%		1-3			1-7	100% - 0%	
RELCO	RP0977	[LED] 4-100W	1-9	0% - 0%		1-3	99% - 0%		1-7	100% - 0%	
RELCO	RM0545	[LED] 4-100W	1-9	98% - 6%		1-3			1-7	99% - 3%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	1-6	99% - 1%		1-3			1- 5	100% - 10%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-7	99% - 1%		1-3			1-6	100% - 23%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-2	98% - 9%		1-3			1	100% - 7%	
Schneider	WDE006910/ WDE002306	0-200W,LED,Trailing							1-14	100% - 10%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-5	99% - 0%		1-3	99% - 0%		1-20	99% - 0%	
VADSBO	LDN200	0-200W,LED				1-3	99% - 0%		1-14	100% - 6%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing				1-3	99% - 0%		1-20	100% - 0%	
Varilight	HQ3W	[R] 60-400W	1-7	99% - 15%		1-3			1-6	100% - 0%	
Varilight	MJP120	0-120W,LED				1-3			1-9	100% - 4%	
Varilight	JQP401W	0-120W,LED				1-3			1-9	100% - 5%	
Vimar	20148	[RL] 500W	1-9	100% - 1%		1-3			3-7	100% - 4%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-18	99% - 1%		1-3	97% - 1%		1-14	100% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-18	99% - 0%		1-3	94% - 0%		1-14	100% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-18	100% - 0%		1-3	94% - 0%		1-14	100% - 0%	
Philips Dynalite	DDLE801	(100W per channel)	1-4	97% - 0%		1-3			1-7	100% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading	1, 5-8	99% - 0%		1-3	94% - 0%			N.A.	N.A.
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	1-8	99% - 0%		1-3	97% - 1%		1-7	100% - 0%	
Zano	ZMO150	0W-150W, LED,Rot				1-3			1-11	94% - 0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED							1-6	100% - 3%	
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED							1-20	100% - 3%	

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Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps

Key

x-y	Excellent dimming with X-Y lamps, however external factors can negatively influence the deep dimming performance
x-y	See note bellow
	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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.

			LED Lamp								
			CorePro LEDbulb D 40-60-75-100W A60 5CCT_75W 9290044351			CorePro LEDbulb D 40-60-75-100W A60 5CCT_60W 9290044351			CorePro LEDbulb D 40-60-75-100W A60 5CCT_40W 9290044351		
Brand	**Type**	**Load**	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker |INSTA	286710	[RC] 20 ~ 360 W - Turn	1-7	99% - 26%		1-9	98% - 20%		1-14	97% - 17%	
Berker |INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-5	99% - 5%		1-8	98% - 6%		1-12	99% - 5%	
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
Busch Jaeger |ABB	2250 U	[R] 60 ~ 600 W - Turn	1-11	100% - 0%		1-15	99% - 1%		1-20	97% - 0%	
Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-8	71% - 36%		1-11	99% - 18%		2-17	97% - 17%	
Busch Jaeger |ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-9	100% - 0%		1-13	99% - 1%		1-20	97% - 0%	
Busch Jaeger |ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-9	100% - 0%		1-13	99% - 1%		1-20	97% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading	1-9	100% - 0%		1-13	99% - 1%		1-20	97% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	1-9	100% - 0%		2-13	99% - 1%		1-20	97% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-20	100% - 0%		1-20	98% - 2%		1-20	97% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	2-20	99% - 0%		2-20	98% - 2%		1-20	97% - 0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/ EKO30195	0-200W,LED,Trailing	1-18	100% - 12%		1-20	99% - 15%		1-20	93% - 13%	
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-7	66% - 27%		1-10	69% - 30%		1-16	93% - 20%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-11	99% - 12%		1-15	99% - 15%		1-20	95% - 16%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-11	99% - 12%		1-15	99% - 15%		1-20	95% - 16%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-7	99% - 0%		1-10	100% - 0%		1-16	98% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-2	99% - 0%		1-17	99% - 0%		1-17	97% - 1%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-18	100% - 0%		1-20	100% - 0%		1-20	97% - 0%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing	1-20	100% - 0%		1-20	100% - 0%		1-20	100% - 1%	
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-7	66% - 27%		1-10	69% - 30%		1-16	93% - 20%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-2	99% - 7%		1-3	97% - 9%		1-4	93% - 10%	
Gira	1176-00/01	[RLC] 50 ~ 420W		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-9	99% - 5%		1-13	99% - 9%		1-20	98% - 0%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-5	100% - 5%		1-8	99% - 8%		1-12	99% - 5%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing	1-9	99% - 0%		1-13	99% - 8%		1-20	67% - 1%	
Hamilton	LEDIT-B100	5-100W,LED, Leading	1-9	100% - 0%		1-13	99% - 1%		1-20	93% - 1%	
Hager	EVN 011	[RC] 300VA	1-5	100% - 2%		1-8	99% - 7%		1-12	100% - 0%	
Hager	EVN 012	[RC] 300W	1-9	100% - 2%		1-13	99% - 7%		1-20	100% - 0%	
Hager	EVN 004	[RL] 500VA	1-9	100% - 7%		1-13	99% - 7%		1-20	100% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-9	100% - 2%		1-13	99% - 4%		1-16	99% - 1%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-9	100% - 6%		1-13	99% - 9%		1-20	98% - 0%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-5	100% - 6%		1-8	99% - 8%		1-12	99% - 5%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-2	99% - 0%		1-3	97% - 4%		1-5	91% - 1%	
Legrand	67083	[RLC] 3 ~ 400W		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
Legrand	L4402N	[R] 60~500W	2-9	99% - 15%		2-13	96% - 22%		2-20	92% - 17%	
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-7	66% - 27%		1-10	69% - 30%		1-16	93% - 20%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-2	99% - 7%		1-3	97% - 9%		1-4	94% - 10%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-9	100% - 2%		1-13	100% - 0%		1-20	93% - 1%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-3	99% - 4%		1-5	100% - 0%		1-7	93% - 1%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-7	99% - 3%		1-10	99% - 0%		1-16	93% - 1%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-9	100% - 0%		1-13	100% - 0%		1-20	99% - 1%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	2-18	100% - 0%		1-20	100% - 0%			N.A.	N.A.
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	2-18	100% - 0%		1-20	100% - 0%			N.A.	N.A.
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing	1-18	100% - 0%		1-20	100% - 0%		1-20	99% - 8%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-5	98% - 4%		1-8	100% - 0%		1-12	92% - 1%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-9	100% - 0%		1-13	99% - 0%		1-20	96% - 1%	
RELCO	RP0977	[LED] 4-100W	1-9	100% - 0%		1-13	100% - 2%		1-20	98% - 1%	
RELCO	RM0545	[LED] 4-100W	1-9	99% - 4%		1-13	100% - 0%		1-20	98% - 5%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-7	66% - 27%		1-10	69% - 30%		1-16	93% - 20%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-2	99% - 7%		1-3	97% - 9%		1-4	93% - 10%	
Schneider	WDE006910/ WDE002306	0-200W,LED,Trailing	1-18	100% - 12%		1-20	99% - 15%		1-20	93% - 16%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-18	99% - 0%		1-20	98% - 1%		1-20	96% - 1%	
VADSBO	LDN200	0-200W,LED	1-20	100% - 12%		1-20	99% - 14%		1-20	99% - 16%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-18	100% - 11%		1-20	99% - 11%		1-20	99% - 12%	
Varilight	HQ3W	[R] 60-400W	1-14	93% - 0%		1-10	100% - 0%		1-16	97% - 1%	
Varilight	MJP120	0-120W,LED	1-3	76% - 0%		1-15	99% - 7%		1-20	93% - 8%	
Varilight	JQP401W	0-120W,LED	1-3	68% - 0%		1-15	69% - 0%		1-20	69% - 0%	
Vimar	20148	[RL] 500W		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-18	100% - 0%		1-20	100% - 0%		1-20	99% - 1%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-18	100% - 0%		1-20	100% - 0%		1-20	99% - 1%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-18	100% - 0%		1-20	99% - 0%		1-20	99% - 1%	
Philips Dynalite	DDLE801	(100W per channel)	1-9	99% - 0%		1-13	99% - 0%		1-20	97% - 1%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	1-9	99% - 0%		1-13	99% - 0%		1-20	97% - 1%	
Zano	ZMO150	0W-150W, LED,Rot	1-14	99% - 0%		1-19	98% - 0%		1-20	88% - 1%	
Hager	WH104302	[LED, R, L, C] 3-90W LED	1-8	99% - 5%		1-11	98% - 7%			N.A.	N.A.
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.

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Professional LED Mains Voltage range

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Key

x-y	Excellent dimming with X-Y lamps, however external factors can negatively influence the deep dimming performance
x-y	See note bellow
	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
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Brand	Type	Load	LED Lamp								
			MAS LEDBulb DT3.4-40W E27 CRI95A60CL G 9290037985 MAS LEDBulbDT3.4 -40W E27 CRI95 A60 FR G 9290037989 MAS LEDBulbDT3.4-40WB22 CRI95A60CL G UK 9290037993			MAS LEDBulbDT5.9-60W E27 CRI95A60CL G UK 9290037986 MAS LEDBulbDT5.9-60W E27 CRI95A60CL G 9290037986 MAS LEDBulb DT5.9-60W E27 CRI95 A60 FR G 9290037990 MAS LEDBulbDT5.9-60WB22 CRI95A60CL G UK 9290037994			MAS LEDBulb DT7.2-75W E27 CRI95A60CL G 9290037987 MAS LEDBulb DT7.2-75W E27 CRI95 A60 FR G 9290037991		
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker |INSTA	286710	[RC] 20 ~ 360 W - Turn	1-20	99% - 0%		1-10	99% - 0%		1-10	100% - 0%	
Berker |INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-15	98% - 0%		1-10	98% - 0%		1-8	96% - 0%	
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	1-20	99% - 0%		1-10	99% - 0%		1-10	98% - 0%	
Busch Jaeger |ABB	2250 U	[R] 60 ~ 600 W - Turn	2-20	99% - 0%		2-20	100% - 0%		1-15	15% - 0%	
Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-20	99% - 0%		1-20	98% - 0%		1-15	99% - 0%	
Busch Jaeger |ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-20	99% - 0%		1-15	99% - 0%		1-10	98% - 0%	
Busch Jaeger |ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-20	98% - 0%		1-15	99% - 0%		1-10	97% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading	1-20	99% - 0%		1-15	99% - 0%		1-10	99% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	1-20	99% - 0%		1-15	99% - 0%		1-10	99% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-20	100% - 0%		1-20	99% - 0%		1-20	98% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	1-20	100% - 0%		1-20	99% - 0%		1-20	98% - 0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing	1-20	99% - 0%		1-20	99% - 0%		1-20	98% - 0%	
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-20	99% - 0%		1-10	99% - 0%		1-10	98% - 0%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	1-15	99% - 0%		1-10	98% - 0%		1-8	99% - 0%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-20	98% - 0%		1-20	99% - 0%		1-15	98% - 0%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-20	98% - 0%		1-20	99% - 0%		1-15	98% - 0%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-20	98% - 0%		1-10	99% - 0%		1-10	99% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-20	100% - 0%		1-20	99% - 0%		1-20	98% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-20	100% - 0%		1-20	99% - 0%		1-20	98% - 0%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing	1-20	98% - 0%		1-20	99% - 0%		1-20	99% - 0%	
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-20	99% - 0%		1-10	99% - 0%		1-10	98% - 0%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	1-20	99% - 0%		1-10	98% - 0%		1-8	99% - 0%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	99% - 69%		1-3	99% - 71%		1-3	99% - 68%	
Gira	1176-00/01	[RLC] 50 ~ 420W	1-20	98% - 0%		1-10	98% - 0%		1-10	99% - 0%	
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-20	98% - 0%		1-15	98% - 0%		1-10	99% - 0%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-15	98% - 0%		1-10	98% - 0%		1-8	96% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing	1-20	99% - 0%		1-15	99% - 0%		1-10	99% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Leading	1-20	99% - 0%		1-15	99% - 0%		1-10	99% - 0%	
Hager	EVN 011	[RC] 300VA	1-15	100% - 0%		1-10	98% - 0%		1-8	99% - 0%	
Hager	EVN 012	[RC] 300W	1-20	99% - 0%		1-15	99% - 0%		1-10	99% - 0%	
Hager	EVN 004	[RL] 500VA	1-20	99% - 0%		1-15	0% - 0%		1-10	0% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-20	97% - 0%		1-15	98% - 0%		1-10	99% - 0%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-20	98% - 0%		1-15	98% - 0%		1-10	99% - 0%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-15	98% - 0%		1-10	98% - 0%		1-8	96% - 0%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-5	99% - 0%		1-3	98% - 0%		1-3	98% - 0%	
Legrand	67083	[RLC] 3 ~ 400W	1-20	99% - 0%		1-10	98% - 0%		1-10	100% - 0%	
Legrand	L4402N	[R] 60~500W	1	98% - 0%		1	96% - 0%		1-10	97% - 0%	
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-20	99% - 0%		1-10	99% - 0%		1-10	98% - 0%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-15	99% - 0%		1-10	98% - 0%		1-8	99% - 0%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	99% - 69%		1-3	99% - 71%		1-3	99% - 67%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	2-20	99% - 0%		2-15	99% - 0%		2-10	99% - 0%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-20	99% - 0%		1-15	98% - 0%		1-10	99% - 0%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-10	97% - 0%		1-5	98% - 0%		1-5	99% - 0%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-20	99% - 0%		1-10	99% - 0%		1-10	99% - 0%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-20	99% - 0%		1-15	98% - 0%		1-10	98% - 0%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-20	98% - 0%		1-20	98% - 0%		1-20	98% - 0%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-20	98% - 0%		1-20	98% - 0%		1-20	98% - 0%	
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing	1-20	99% - 0%		1-20	99% - 0%		1-20	98% - 0%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-15	98% - 0%		1-10	99% - 0%		1-8	99% - 0%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-20	99% - 0%		1-15	99% - 0%		1-10	98% - 0%	
RELCO	RP0977	[LED] 4-100W	1-20	45% - 0%		1-15	0% - 0%		1-10	58% - 0%	
RELCO	RM0545	[LED] 4-100W	1-20	100% - 0%		1-15	98% - 0%		1-10	100% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	1-15	99% - 0%		1-10	98% - 0%		1-8	99% - 0%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-20	99% - 0%		1-10	99% - 0%		1-8	98% - 0%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	99% - 69%		1-3	99% - 71%		1-3	99% - 67%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing	1-20	99% - 0%		1-20	99% - 0%		1-15	98% - 0%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-20	99% - 0%		1-20	98% - 0%		1-20	98% - 0%	
VADSBO	LDN200	0-200W,LED	1-20	99% - 0%		1-20	98% - 0%		1-20	99% - 0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-20	99% - 0%		1-20	99% - 0%		1-20	99% - 0%	
Varilight	HQ3W	[R] 60-400W	1-20	100% - 0%		1-10	98% - 0%		1-10	99% - 0%	
Varilight	MJP120	0-120W,LED	1-20	37% - 0%		1-20	25% - 0%		1-15	27% - 0%	
Varilight	JQP401W	0-120W,LED	1-20	99% - 0%		1-20	98% - 0%		1-15	98% - 0%	
Vimar	20148	[RL] 500W	1-20	98% - 0%		1-15	98% - 0%		1-10	98% - 0%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-20	98% - 0%		1-20	98% - 0%		1-20	99% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-20	99% - 0%		1-20	98% - 0%		1-20	98% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-20	99% - 0%		1-20	98% - 0%		1-20	98% - 0%	
Philips Dynalite	DDLE801	(100W per channel)	1-20	100% - 0%		1-10	99% - 0%		1-10	99% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading	1-20	100% - 0%		1-10	99% - 0%		1-10	99% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	1-20	100% - 0%		1-10	99% - 0%		1-10	99% - 0%	
Zano	ZMO150	0W-150W, LED,Rot	1-20	99% - 0%		1-20	99% - 0%		1-20	98% - 0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED	1-20	99% - 71%		1-15	100% - 73%		1-10	99% - 67%	
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED	1-20	99% - 0%		1-20	99% - 0%		1-20	98% - 0%	

Q4 2026

Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps

Key

x-y	Excellent dimming with X-Y lamps, however external factors can negatively influence the deep dimming performance
x-y	See note bellow
	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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LED Lamp

MAS LEDBulbDT10.5-100W E27 CRI95A60CLG
9290037988

MAS LEDBulb DT10.5-100W E27 CRI95A60FR G
9290037992



Brand	Type	Load	Dimming Performance	Dimming Range	Glowing
Berker |INSTA	286710	[RC] 20 ~ 360 W - Turn	2-5	100% - 10%	
Berker |INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-5	100% - 5%	
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	1-5	99% - 0%	
Busch Jaeger |ABB	2250 U	[R] 60 ~ 600 W - Turn	2-10	100% - 0%	
Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	2-10	100% - 10%	
Busch Jaeger |ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-10	99% - 0%	
Busch Jaeger |ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-20	99% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading	1-10	99% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	1-10	99% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-20	99% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	1-20	99% - 0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing	1-15	98% - 0%	
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-8	100% - 10%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	1-5	100% - 2%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-10	98% - 7%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-10	98% - 7%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-8	100% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-15	100% - 7%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-15	100% - 7%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing	1-20	99% - 0%	
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-8	100% - 10%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	1-5	100% - 2%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-2	98% - 66%	
Gira	1176-00/01	[RLC] 50 ~ 420W	1-8	99% - 7%	
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-10	100% - 4%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-5	100% - 5%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing	1-10	97% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Leading	1-10	97% - 0%	
Hager	EVN 011	[RC] 300VA	1-5	100% - 4%	
Hager	EVN 012	[RC] 300W	1-10	100% - 4%	
Hager	EVN 004	[RL] 500VA	1-10	100% - 5%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-10	100% - 2%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-10	100% - 4%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-5	100% - 5%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-2	97% - 17%	
Legrand	67083	[RLC] 3 ~ 400W	1-8	99% - 1%	
Legrand	L4402N	[R] 60~500W	1-10	100% - 31%	
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-8	100% - 10%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-5	100% - 2%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-2	98% - 66%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	2-8	100% - 4%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-10	100% - 10%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-3	99% - 4%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-8	99% - 10%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-10	100% - 0%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-15	98% - 0%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-15	98% - 0%	
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing	1-15	99% - 0%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-5	95% - 3%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-10	99% - 0%	
RELCO	RP0977	[LED] 4-100W	1-10	70% - 0%	
RELCO	RM0545	[LED] 4-100W	1	99% - 3%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	1-5	100% - 2%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-8	100% - 10%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-2	98% - 66%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing	1-15	98% - 0%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-20	100% - 0%	
VADSBO	LDN200	0-200W,LED	1-15	98% - 0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-20	100% - 0%	
Varilight	HQ3W	[R] 60-400W	1-8	99% - 15%	
Varilight	MJP120	0-120W,LED	1-10	36% - 0%	
Varilight	JQP401W	0-120W,LED	1-10	96% - 0%	
Vimar	20148	[RL] 500W	1-10	99% - 13%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-15	100% - 16%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-20	99% - 2%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-20	99% - 2%	
Philips Dynalite	DDLE801	(100W per channel)	1-10	100% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading	1-10	100% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	1-10	100% - 0%	
Zano	ZMO150	0W-150W, LED,Rot	1-10	95% - 0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED	1-8	99% - 87%	
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED	1-20	100% - 3%	

Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps

Key

x-y	Excellent dimming with X-Y lamps, however external factors can negatively influence the deep dimming performance
x-y	See note bellow
	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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			LED Spot								
			MAS LED ExpertColor 3.9-35W GU10 927 25D 9290013464 MAS LED ExpertColor 3.9-35W GU10 930 25D 9290013465 MAS LED ExpertColor 3.9-35W GU10 950 25D 9290013466 MAS LED ExpertColor 3.9-35W GU10 927 36D 9290013467 MAS LED ExpertColor 3.9-35W GU10 930 36D 9290013468 MAS LED ExpertColor 3.9-35W GU10 940 36D 9290013469			MAS LED ExpertColor 5.5-50W GU10 927 25D 9290013470 MAS LED ExpertColor 5.5-50W GU10 930 25D 9290013471 MAS LED ExpertColor 5.5-50W GU10 940 25D 9290013472 MAS LED ExpertColor 5.5-50W GU10 927 36D 9290013473 MAS LED ExpertColor 5.5-50W GU10 930 36D 9290013474 MAS LED ExpertColor 5.5-50W GU10 940 36D 9290013475 MASLED ExpertColor5.5-50W GU10 927 25DUK 9290013470 MASLED ExpertColor5.5-50W GU10 927 36DUK 9290013473 MASLEDExpertColor 5.5-50W GU10 930 36DUK 9290013474			MAS LEDspot VLE D 4.7-50W GU10 82736D5CT 9290029954 MAS LEDspot VLE D 4.7-50W GU10 83036D5CT 9290029955		
											
Brand	**Type**	**Load**	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker |INSTA	286710	[RC] 20 ~ 360 W - Turn	1-15	100% - 19%		1-10	99% - 2%		1-15	94% - 0%	
Berker |INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-15	99% - 5%		1-10	99% - 0%		1-10	94% - 69%	
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	1-15	100% - 0%		1-10	99% - 0%		1-15	90% - 19%	
Busch Jaeger |ABB	2250 U	[R] 60 ~ 600 W - Turn	1-20	99% - 0%		1-20	98% - 0%		1-20	92% - 0%	
Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-20	100% - 30%		1-20	99% - 7%		1-20	98% - 6%	
Busch Jaeger |ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-20	100% - 0%		1-15	98% - 0%		1-20	96% - 0%	
Busch Jaeger |ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-20	100% - 0%		1-15	100% - 0%		1-20	99% - 23%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading	1-20	99% - 1%		1-15	98% - 0%		1-20	96% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	1-20	99% - 1%		1-15	98% - 0%		1-20	95% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-20	100% - 0%		1-20	99% - 0%		1-20	93% - 6%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	1-20	100% - 0%		1-20	99% - 0%		1-20	94% - 0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing	1-20	94% - 0%		1-20	97% - 0%		1-20	87% - 1%	
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-20	97% - 12%		1-15	98% - 0%		1-17	89% - 22%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	1-20	98% - 0%		1-10	92% - 0%		1-10	93% - 0%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-20	99% - 10%		1-20	99% - 0%		1-20	94% - 25%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-20	99% - 10%		1-20	99% - 0%		1-20	94% - 25%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-20	99% - 0%		1-15	99% - 0%		1-15	92% - 2%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-20	99% - 0%		1-20	98% - 0%		1-20	90% - 3%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-20	99% - 0%		1-20	98% - 0%		1-20	92% - 3%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing	1-20	100% - 0%		1-20	100% - 0%		1-20	97% - 0%	
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-20	97% - 12%		1-15	98% - 0%		1-17	89% - 22%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	1-15	98% - 0%		1-10	92% - 0%		1-10	93% - 0%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	100% - 37%		1-3	98% - 14%		1-3	94% - 23%	
Gira	1176-00/01	[RLC] 50 ~ 420W	1-20	100% - 24%		1-15	99% - 0%		1-15	99% - 34%	
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-20	100% - 0%		1-15	99% - 0%		1-20	94% - 0%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-15	99% - 5%		1-10	100% - 0%		1-20	98% - 2%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing	1-20	99% - 0%		1-15	100% - 0%		1-20	93% - 1%	
Hamilton	LEDIT-B100	5-100W,LED, Leading	1-20	99% - 0%		1-15	100% - 0%		1-20	95% - 9%	
Hager	EVN 011	[RC] 300VA	1-15	100% - 0%		1-10	99% - 0%		1-10	98% - 0%	
Hager	EVN 012	[RC] 300W	1-20	98% - 0%		1-15	100% - 0%		1-20	98% - 0%	
Hager	EVN 004	[RL] 500VA	1-20	99% - 4%		1-15	100% - 0%		1-20	97% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-20	100% - 1%		1-15	99% - 0%		1-20	96% - 13%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-20	100% - 0%		1-15	99% - 0%		1-20	94% - 0%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-15	99% - 5%		1-10	99% - 0%		1-10	94% - 69%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-5	94% - 0%		1-3	98% - 0%		1-5	82% - 0%	
Legrand	67083	[RLC] 3 ~ 400W	1-20	100% - 0%		1-15	98% - 0%		1-15	95% - 12%	
Legrand	L4402N	[R] 60~500W	2-20	99% - 34%		2-15	93% - 6%		1-20	93% - 4%	
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-20	97% - 12%		1-15	98% - 0%		1-17	89% - 22%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-15	98% - 0%		1-10	92% - 0%		1-10	93% - 0%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	100% - 37%		1-3	98% - 14%		1-3	94% - 23%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-20	87% - 13%		1-15	96% - 0%		1-15	96% - 0%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-20	99% - 8%		1-15	97% - 0%		1-20	95% - 4%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-8	100% - 0%		1-5	100% - 0%		1-8	91% - 15%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-20	100% - 15%		1-15	98% - 0%		1-14	84% - 14%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-20	98% - 5%		1-15	100% - 0%		1-20	98% - 1%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-20	98% - 9%		1-20	99% - 0%		1-20	92% - 5%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-20	98% - 9%		1-20	99% - 0%		1-20	92% - 5%	
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing	1-20	100% - 0%		1-20	100% - 0%		1-20	95% - 0%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-15	100% - 17%		1-10	98% - 1%		1-10	98% - 0%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-20	100% - 0%		1-15	98% - 0%		1-20	96% - 0%	
RELCO	RP0977	[LED] 4-100W	1-20	100% - 0%		1-15	100% - 0%		1-20	97% - 7%	
RELCO	RM0545	[LED] 4-100W	1-20	100% - 0%		1-15	100% - 0%		1-20	99% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	2-15	98% - 0%		1-10	92% - 0%		1-10	93% - 0%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-20	97% - 12%		1-15	98% - 0%		1-17	89% - 22%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	100% - 37%		1-3	98% - 14%		1-3	94% - 23%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing	1-20	94% - 0%		1-20	97% - 0%		1-20	87% - 1%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-20	100% - 0%		1-20	100% - 0%		1-10	94% - 0%	
VADSBO	LDN200	0-200W,LED	1-20	100% - 0%		1-20	99% - 0%		1-20	98% - 0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-20	97% - 0%		1-20	100% - 0%		1-20	99% - 0%	
Varilight	HQ3W	[R] 60-400W	1-20	97% - 13%		1-15	99% - 0%		1-15	96% - 0%	
Varilight	MJP120	0-120W,LED	1-20	99% - 0%		1-20	100% - 0%		1-20	87% - 0%	
Varilight	JQP401W	0-120W,LED	1-20	100% - 0%		1-20	100% - 0%		1-20	92% - 1%	
Vimar	20148	[RL] 500W	1-20	100% - 6%		1-15	98% - 0%		1-20	97% - 0%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-20	99% - 23%		1-20	99% - 3%		1-20	96% - 27%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-20	96% - 0%		1-20	99% - 0%		1-20	94% - 6%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-20	99% - 0%		1-20	100% - 0%		1-20	95% - 4%	
Philips Dynalite	DDLE801	(100W per channel)	1-20	99% - 0%		1-15	100% - 0%		1-10	88% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading	1-20	99% - 0%		1-20	100% - 0%			N.A.	N.A.
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	1-20	99% - 0%		1-20	100% - 0%		9-20	92% - 0%	
Zano	ZMO150	0W-150W, LED,Rot	1-20	100% - 0%		1-20	98% - 0%		1-20	90% - 0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED	1-20	98%-0%		1-15	99% - 0%				
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED	1-20	100%-0%		1-20	100% - 0%				

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Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps

Key

x-y	Excellent dimming with X-Y lamps, however external factors can negatively influence the deep dimming performance
x-y	See note bellow
	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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.

Brand	Type	Load	LED Spot								
			MAS LED spot VLE D 4.9-50W GU10 930 36D 9290013489 MAS LED spot VLE D 4.9-50W GU10 940 36D 9290013490 MAS LED spot VLE D 4.9-50W GU10 927 60D 9290013491 MAS LED spot VLE D 4.9-50W GU10 930 60D 9290013492 MAS LED spot VLE D 4.9-50W GU10 940 60D 9290013493 MAS LEDspotVLE D 4.9-50W GU10 940 36D UK 9290013490 MAS LEDspotVLE D 4.9-50W GU10 930 36D UK 9290013489			MAS LED spot VLE DT 4.9-50W GU10 927 36D 9290013503 MAS LED spot VLEDT4.9-50W GU10 927 36DUK 9290013503			MAS LED spot VLE D 6.2-80W GU10 927 36D 9290020595 MAS LED spot VLE D 6.2-80W GU10 965 36D 9290022099 MAS LED spot VLE D 680lm GU10 965 120D 9290022102 MASLEDspot VLE D 6.2-80W GU10 927 36D UK 9290020595 MASLEDspot VLE D 6.2-80W GU10 940 36D UK 9290020660 MASLEDspot VLE D 6.2-80W GU10 930 36D UK 9290020684 MASLEDspot VLE D 6.2-80W GU10 965 36D UK 9290022099 MAS LEDspot VLE D 650lm GU10 930 120D UK 9290022100		
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker | INSTA	286710	[RC] 20 ~ 360 W - Turn	1-15	97% - 7%		1-15	97% - 7%		1-10	90% - 0%	
Berker | INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-10	96% - 5%		1-10	96% - 5%		1-10	87% - 0%	
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	1-15	96% - 0%		1-15	96% - 0%			N.A.	N.A.
Busch Jaeger | ABB	2250 U	[R] 60 ~ 600 W - Turn	1-20	98% - 0%	2	1-20	98% - 0%	2	1-10	92% - 0%	
Busch Jaeger | ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-20	98% - 7%		1-20	98% - 7%		1-10	92% - 0%	
Busch Jaeger | ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-20	96% - 1%		1-20	96% - 1%		1-10	92% - 0%	
Busch Jaeger | ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-20	97% - 9%		1-20	97% - 9%		1-16	99%-0%	
Busch Jaeger | ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading	1-20	95% - 0%		1-20	95% - 0%		1-10	93% - 0%	
Busch Jaeger | ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	1-20	93% - 0%		1-20	93% - 0%		1-10	87% - 0%	
Busch Jaeger | ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-20	96% - 0%		1-20	96% - 0%		1-10	91% - 1%	
Busch Jaeger | ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	1-20	95% - 0%		1-20	95% - 0%		1-10	89% - 0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing		N.A.	N.A.	1-15	65% - 4%		1-20	92% - 0%	
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-15	92% - 5%		1-15	92% - 5%		1-11	87% - 0%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	1-10	95% - 0%		1-10	95% - 0%		1-10	87% - 1%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-20	95% - 9%		1-20	95% - 9%		1-10	90% - 0%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-20	95% - 9%		1-20	95% - 9%		1-10	90% - 0%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-15	98% - 0%		1-15	98% - 0%		1-10	90% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-8	97% - 0%		1-8	97% - 0%		1-10	91% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-20	96% - 0%		1-20	96% - 0%		1-10	92% - 0%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing	1-15	91% - 0%		1-15	94% - 0%		1-20	99% - 0%	
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-15	92% - 5%		1-15	92% - 5%		1-11	87% - 0%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	1-10	95% - 0%		1-10	95% - 0%		1-10	87% - 1%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-3	95% - 9%		1-3	95% - 9%			N.A.	N.A.
Gira	1176-00/01	[RLC] 50 ~ 420W	1-15	96% - 18%		1-15	96% - 18%		1-10	95% - 10%	
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-20	97% - 2%		1-20	97% - 2%		1-10	91% - 0%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-15	96% - 8%		1-15	86% - 2%		1-20	99% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing		N.A.	N.A.		N.A.	N.A.	1-20	87% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Leading		N.A.	N.A.		N.A.	N.A.	8-16	85%-0%	
Hager	EVN 011	[RC] 300VA	1-10	98% - 2%		1-10	98% - 2%		1-10	87% - 1%	
Hager	EVN 012	[RC] 300W	1-20	96% - 10%		1-20	96% - 10%		1-10	91% - 0%	
Hager	EVN 004	[RL] 500VA	1-20	95% - 6%		1-20	95% - 6%		1-10	91% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-20	96% - 1%		1-20	96% - 1%		1-10	93% - 0%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-20	97% - 2%		1-20	97% - 2%		1-10	91% - 0%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-10	96% - 5%		1-10	96% - 5%		1-10	87% - 0%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-5	95% - 0%		1-5	95% - 0%		1-10	85% - 3%	
Legrand	67083	[RLC] 3 ~ 400W	1-15	98% - 0%		1-15	98% - 0%		1-10	8% - 0%	
Legrand	L4402N	[R] 60~500W	1-20	95% - 24%		1-20	95% - 24%		1-10	82% - 11%	
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-15	92% - 5%		1-15	92% - 5%		1-11	87% - 0%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-10	95% - 0%		1-10	95% - 0%		1-10	87% - 1%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-3	95% - 9%		1-3	95% - 9%			N.A.	N.A.
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-15	96% - 13%		1-15	96% - 13%		1-10	86% - 0%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-20	94% - 6%		1-20	94% - 6%		1-10	87% - 1%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-9	98% - 6%		1-9	98% - 6%		1-3	80%-0%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-15	94% - 7%		1-15	94% - 7%		1-9	81% - 0%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-20	95% - 0%		1-20	95% - 0%		1-10	88% - 2%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-20	98% - 7%		1-20	98% - 7%		1-10	90% - 2%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-20	98% - 7%		1-20	98% - 7%		1-10	90% - 2%	
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing	1-8	93% - 0%		1-8	95% - 0%		1-20	94% - 0%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-10	94% - 10%		1-10	94% - 10%			N.A.	N.A.
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-20	96% - 1%		1-20	96% - 1%		1-10	92% - 0%	
RELCO	RP0977	[LED] 4-100W	1-20	96% - 17%		1-20	96% - 17%		1-20	95% - 0%	
RELCO	RM0545	[LED] 4-100W	1-20	96% - 2%		1-20	96% - 2%		1-10	85% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	1-10	95% - 0%		1-10	95% - 0%		1-10	87% - 1%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-15	92% - 5%		1-15	92% - 5%		1-11	87% - 0%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-3	95% - 9%		1-3	95% - 9%			N.A.	N.A.
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing		N.A.	N.A.	1-15	65% - 4%		1-20	92% - 0%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-10	95% - 18%		1-10	95% - 18%		1-10	85% - 0%	
VADSBO	LDN200	0-200W,LED	1-8	93% - 0%		1-8	91% - 0%		1-20	99% - 0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-8	94% - 1%		1-8	91% - 2%		1-20	95% - 0%	
Varilight	HQ3W	[R] 60-400W	2-15	96% - 12%		2-15	96% - 12%		1-10	89% - 0%	
Varilight	MJP120	0-120W,LED	2-20	72% - 34%		1-20	15% - 6%		1-20	83% - 0%	
Varilight	JQP401W	0-120W,LED	2-15	40% - 3%		1-15	6% - 1%		1-20	88% - 0%	
Vimar	20148	[RL] 500W	1-20	96% - 4%		1-20	96% - 4%		1-10	95% - 0%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-20	98% - 18%		1-20	98% - 18%		1-10	86% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-20	96% - 16%		1-20	96% - 16%		1-10	87% - 1%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-20	95% - 16%		1-20	95% - 16%		1-10	85% - 1%	
Philips Dynalite	DDLE801	(100W per channel)	1-10	95% - 0%		1-10	95% - 0%		1-7	87% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading	2-19	99% - 0%		2-19	99% - 0%		6-13	88% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	1-19	98% - 0%		1-19	98% - 0%		4-13	90% - 0%	
Zano	ZMO150	0W-150W, LED,Rot	1-5	91% - 0%		1-5	81% - 0%		1-20	85% - 0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED	1-15	99%-12%							
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED	1-15	97%-10%							

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Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps

Key

x-y	Excellent dimming with X-Y lamps, however external factors can negatively influence the deep dimming performance
x-y	See note bellow
	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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.

Brand	Type	Load	LED Spot								
			MAS LED spot VLE D 3.7-35W GU10 930 36D 9290013483 MAS LED spot VLE D 3.7-35W GU10 940 36D 9290013484 MAS LED spot VLE D 3.7-35W GU10 940 60D 9290013487			CorePro LEDspot 4-50W GU10 840 36D DIM 9290020658 CorePro LEDspot 4-50W GU10 830 36D DIM 9290020683 CorePro LEDspot 4-50W GU10 827 36D DIM 9290024959 CoreProLEDspot 4-50W GU10 840 36D DIM UK 9290020658 CoreProLEDspot 4-50W GU10 830 36D DIM UK 9290020683 CoreProLEDspot 4-50W GU10 827 36D DIM UK 9290024959 CoreProLEDspot 4-50W GU10 865 36D DIM UK 9290035624			CorePro LEDspot 3-35W GU10 840 36D DIM 9290020656 CorePro LEDspot 3-35W GU10 830 36D DIM 9290020682 CorePro LEDspot 3-35W GU10 827 36D DIM 9290024958		
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker |INSTA	286710	[RC] 20 ~ 360 W - Turn	1-15	98% - 12%		1-20	96% - 0%		1-20	97% - 0%	
Berker |INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-16	99% - 7%		1-15	97% - 0%		1-20	100% - 0%	
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	1-15	98% - 0%		1-20	92% - 0%		1-20	87% - 0%	
Busch Jaeger |ABB	2250 U	[R] 60 ~ 600 W - Turn	1,3-20	99% - 0%		1-20	97% - 0%		1-20	98% - 0%	
Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-20	98% - 13%		1-20	96% - 0%		1-20	98% - 0%	
Busch Jaeger |ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-20	98% - 3%		1-20	97% - 0%		1-20	97% - 0%	
Busch Jaeger |ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-20	98% - 17%		1-20	98% - 0%		1-20	100% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading	1-20	98% - 0%		1-20	97% - 0%		1-20	97% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	2-20	98% - 1%		1-20	97% - 0%		1-20	97% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-20	98% - 0%		1-20	97% - 0%		1-20	100% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	2-20	99% - 0%		1-20	97% - 0%		1-20	100% - 0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing	1-20	91% - 18%		1-20	85% - 0%		1-20	85% - 0%	
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-20	97% - 9%		1-20	95% - 0%		1-20	93% - 0%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	2-15	98% - 0%		1-15	97% - 0%		1-20	99% - 0%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-20	98% - 15%		1-20	95% - 0%		1-20	95% - 0%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-20	98% - 15%		1-20	95% - 0%		1-20	95% - 0%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-20	98% - 0%		1-20	96% - 0%		1-20	99% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-20	77% - 0%		1-20	96% - 0%		1-20	96% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-20	98% - 0%		1-20	96% - 0%		1-20	99% - 0%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing	1-20	97% - 0%		1-20	97% - 0%		1-20	99% - 0%	
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-20	97% - 9%		1-20	95% - 0%		1-20	93% - 0%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	2-15	98% - 0%		1-15	97% - 0%		1-20	99% - 0%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	98% - 15%		1-5	96% - 0%		1-5	93% - 0%	
Gira	1176-00/01	[RLC] 50 ~ 420W	1-20	98% - 28%		1-20	98% - 0%		1-20	99% - 0%	
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-20	99% - 5%		1-20	98% - 0%		1-20	100% - 0%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-10	97% - 0%		1-15	97% - 0%		1-20	100% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing		N.A.	N.A.		N.A.	N.A.	1-20	89% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Leading		N.A.	N.A.		N.A.	N.A.	1-20	89% - 0%	
Hager	EVN 011	[RC] 300VA	1-15	99% - 4%		1-15	97% - 0%		1-20	100% - 0%	
Hager	EVN 012	[RC] 300W	1-20	99% - 17%		1-20	96% - 0%		1-20	97% - 0%	
Hager	EVN 004	[RL] 500VA	1-20	98% - 10%		1-20	97% - 0%		1-20	99% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-20	98% - 3%		1-20	98% - 0%		1-20	99% - 0%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-20	99% - 5%		1-20	98% - 0%		1-20	100% - 0%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-16	99% - 7%		1-15	97% - 0%		1-20	100% - 0%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-5	99% - 0%		1-5	97% - 0%		1-8	95% - 0%	
Legrand	67083	[RLC] 3 ~ 400W	1-20	97% - 1%			N.A.	N.A.	1-20	89% - 0%	
Legrand	L4402N	[R] 60~500W	2-20	98% - 38%			N.A.	N.A.	1-20	95% - 0%	
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-20	97% - 9%		1-20	95% - 0%		1-20	93% - 0%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	2-15	98% - 0%		2-17	97% - 0%		1-20	99% - 0%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	98% - 15%		1-5	96% - 0%		1-5	93% - 0%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-20	98% - 22%		1-20	77% - 12%		1-20	82% - 12%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-20	97% - 9%		1-20	98% - 1%		1-20	99% - 0%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-12	99% - 13%		1-20	81% - 1%		1-10	84% - 1%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-20	97% - 10%		1-20	99% - 3%		1-20	81% - 4%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-20	97% - 0%		1-20	97% - 0%		1-20	99% - 0%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-20	97% - 15%		1-20	96% - 0%		1-20	98% - 0%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-20	97% - 15%		1-20	96% - 0%		1-20	98% - 0%	
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing	1-10	96% - 0%		1-20	97% - 0%		1-20	99% - 0%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-15	98% - 19%		1-15	98% - 0%		1-20	99% - 0%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-20	98% - 3%		1-20	97% - 0%		1-20	97% - 0%	
RELCO	RP0977	[LED] 4-100W	1-20	98% - 27%		1-20	98% - 0%		1-20	97% - 0%	
RELCO	RM0545	[LED] 4-100W	1-20	97% - 7%		1-20	94% - 0%		1-20	98% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	2-15	98% - 0%		2-15	97% - 0%		1-20	99% - 0%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-20	97% - 9%		1-20	95% - 0%		1-20	93% - 0%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	98% - 15%		1-5	96% - 0%		1-5	93% - 0%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing	1-20	91% - 18%		1-20	85% - 0%		1-20	85% - 0%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-15	97% - 29%		1-20	95% - 0%		1-20	99% - 0%	
VADSBO	LDN200	0-200W,LED	1-10	99% - 0%		1-20	97% - 0%		1-20	97% - 0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-10	97% - 0%		1-20	98% - 0%		1-20	99% - 0%	
Varilight	HQ3W	[R] 60-400W	2-20	97% - 26%		1-20	95% - 5%		1-20	98% - 0%	
Varilight	MJP120	0-120W,LED	1-20	72% - 32%		1-20	11% - 0%			N.A.	N.A.
Varilight	JQP401W	0-120W,LED	1-20	39% - 1%		1-20	76% - 0%		1-20	99% - 0%	
Vimar	20148	[RL] 500W	2-20	98% - 13%		1-20	96% - 0%		1-20	91% - 0%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-20	97% - 35%		1-20	98% - 0%		1-20	99% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-20	97% - 33%		1-20	95% - 0%		1-20	98% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-20	97% - 33%		1-20	95% - 0%		1-20	99% - 0%	
Philips Dynalite	DDLE801	(100W per channel)	1-12	98% - 0%		1-20	97% - 0%			N.A.	N.A.
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading	4-20	98% - 0%		1-20	97% - 0%		1-20	98% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	4-20	98% - 0%		1-20	97% - 0%		1-20	99% - 0%	
Zano	ZMO150	0W-150W, LED,Rot	1-8	47% - 0%		1-20	92% - 0%		1-20	98% - 0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED	1-15	98%-11%		1-20	97% - 0%		1-20	98% - 0%	
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED	1-15	98%-7%		1-20	96% - 0%		1-20	98% - 0%	

Q4 2026

Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps

Key

x-y	Excellent dimming with X-Y lamps, however external factors can negatively influence the deep dimming performance
x-y	See note bellow
	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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.

Brand	Type	Load	LED Spot								
			MAS LED spot VLE D 3.7-35W GU10 930 36D 9290013483 MAS LED spot VLE D 3.7-35W GU10 940 36D 9290013484 MAS LED spot VLE D 3.7-35W GU10 940 60D 9290013487			CorePro LEDspot 4-50W GU10 840 36D DIM 9290020658 CorePro LEDspot 4-50W GU10 830 36D DIM 9290020683 CorePro LEDspot 4-50W GU10 827 36D DIM 9290024959 CoreProLEDspot 4-50W GU10 840 36D DIM UK 9290020658 CoreProLEDspot 4-50W GU10 830 36D DIM UK 9290020683 CoreProLEDspot 4-50W GU10 827 36D DIM UK 9290024959 CoreProLEDspot 4-50W GU10 865 36D DIM UK 9290035624			CorePro LEDspot 3-35W GU10 840 36D DIM 9290020656 CorePro LEDspot 3-35W GU10 830 36D DIM 9290020682 CorePro LEDspot 3-35W GU10 827 36D DIM 9290024958		
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker |INSTA	286710	[RC] 20 ~ 360 W - Turn	1-15	98% - 12%		1-20	95% - 0%		1-15	99% - 8%	
Berker |INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-16	99% - 7%		1-20	100% - 0%		1-15	98% - 87%	
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	1-15	98% - 0%		1-20	87% - 0%		1-20	100% - 1%	
Busch Jaeger |ABB	2250 U	[R] 60 ~ 600 W - Turn	1,3-20	99% - 0%		1-20	91% - 16%		1-3	98% - 5%	
Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-20	98% - 13%		1-20	99% - 14%		1-20	99% - 0%	
Busch Jaeger |ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-20	98% - 3%		1-20	97% - 0%		1-20	98% - 8%	
Busch Jaeger |ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-20	98% - 17%		1-20	100% - 0%		1-20	99% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading	1-20	98% - 0%		1-20	97% - 0%		1-20	98% - 2%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	2-20	98% - 1%		1-20	97% - 0%		1-20	100% - 2%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-20	98% - 0%		1-20	100% - 0%		1-20	100% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	2-20	99% - 0%		1-20	93% - 0%		1-20	99% - 0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing	1-20	91% - 18%		1-20	85% - 0%		1-20	98% - 0%	
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-20	97% - 9%		1-20	93% - 0%		1-20	98% - 8%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	2-15	98% - 0%		1-20	99% - 0%		1-20	100% - 2%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-20	98% - 15%		1-20	95% - 0%		1-20	97% - 8%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-20	98% - 15%		1-20	95% - 0%		1-20	97% - 8%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-20	98% - 0%		1-20	99% - 0%		1-20	98% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-20	77% - 0%		1-20	96% - 0%		1-20	100% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-20	98% - 0%		1-20	87% - 0%		1-20	100% - 0%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing	1-20	97% - 0%		1-20	99% - 0%		1-20	100% - 0%	
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-20	97% - 9%		1-20	93% - 0%		1-20	98% - 8%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	2-15	98% - 0%		1-20	99% - 0%		1-20	99% - 2%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	98% - 15%		1-5	93% - 0%		1-5	99% - 8%	
Gira	1176-00/01	[RLC] 50 ~ 420W	1-20	98% - 28%		1-20	99% - 0%		1-20	99% - 8%	
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-20	99% - 5%		1-20	99% - 0%		1-20	99% - 0%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-10	97% - 0%		1-20	100% - 0%		1-15	98% - 87%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing		N.A.	N.A.	1-20	89% - 0%		1-20	97% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Leading		N.A.	N.A.	1-20	82% - 0%		1-20	100% - 0%	
Hager	EVN 011	[RC] 300VA	1-15	99% - 4%		1-20	99% - 0%		1-20	99% - 0%	
Hager	EVN 012	[RC] 300W	1-20	99% - 17%		1-20	97% - 0%		1-20	96% - 0%	
Hager	EVN 004	[RL] 500VA	1-20	98% - 10%		1-20	99% - 0%		1-20	98% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-20	98% - 3%		1-20	99% - 0%		1-20	73% - 5%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-20	99% - 5%		1-20	99% - 0%		1-20	99% - 0%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-16	99% - 7%		1-20	100% - 0%		1-15	98% - 87%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-5	99% - 0%		1-8	95% - 0%		1-5	99% - 0%	
Legrand	67083	[RLC] 3 ~ 400W	1-20	97% - 1%		1-20	89% - 0%		1-20	99% - 0%	
Legrand	L4402N	[R] 60~500W	2-20	98% - 38%			N.A.	N.A.		N.A.	N.A.
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-20	97% - 9%		1-20	93% - 0%		1-20	98% - 8%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	2-15	98% - 0%		1-20	99% - 0%		1-20	99% - 2%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	98% - 15%		1-5	93% - 0%		1-5	99% - 8%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-20	98% - 22%			N.A.	N.A.	1-20	75% - 17%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-20	97% - 9%		1-20	69% - 1%		1-20	93% - 8%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-12	99% - 13%		1-10	84% - 1%		1-10	94% - 8%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-20	97% - 10%		1-20	81% - 4%		1-20	93% - 8%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-20	97% - 0%		1-20	99% - 0%		1-20	99% - 0%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-20	97% - 15%		1-20	98% - 0%		1-20	99% - 0%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-20	97% - 15%		1-20	98% - 0%		1-20	99% - 0%	
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing	1-10	96% - 0%		1-20	99% - 0%		1-20	99% - 0%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-15	98% - 19%		1-20	99% - 0%		1-15	99% - 8%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-20	98% - 3%		1-20	97% - 0%		1-20	98% - 8%	
RELCO	RP0977	[LED] 4-100W	1-20	98% - 27%		1-20	97% - 0%		5-20	94% - 15%	
RELCO	RM0545	[LED] 4-100W	1-20	97% - 7%		1-20	98% - 0%		1-20	98% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	2-15	98% - 0%		1-20	99% - 0%		1-20	99% - 2%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-20	97% - 9%		1-20	93% - 0%		1-20	98% - 8%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	98% - 15%		1-5	93% - 0%		1-5	99% - 8%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing	1-20	91% - 18%		1-20	85% - 0%		1-20	98% - 0%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-15	97% - 29%		1-20	99% - 0%		1-20	99% - 0%	
VADSBO	LDN200	0-200W,LED	1-10	99% - 0%		1-20	97% - 0%		1-20	99% - 0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-10	97% - 0%		1-20	99% - 0%		1-20	100% - 0%	
Varilight	HQ3W	[R] 60-400W	2-20	97% - 26%			N.A.	N.A.	1-5	95% - 8%	
Varilight	MJP120	0-120W,LED	1-20	72% - 32%			N.A.	N.A.		N.A.	N.A.
Varilight	JQP401W	0-120W,LED	1-20	39% - 1%		1-20	99% - 0%		1-20	99% - 8%	
Vimar	20148	[RL] 500W	2-20	98% - 13%		1-20	91% - 0%		1-20	95% - 8%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-20	97% - 35%		1-20	67% - 0%		1-20	99% - 8%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-20	97% - 33%		1-20	98% - 0%		1-20	99% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-20	97% - 33%		1-20	94% - 0%		1-20	100% - 0%	
Philips Dynalite	DDLE801	(100W per channel)	1-12	98% - 0%			N.A.	N.A.	1-20	95% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading	4-20	98% - 0%		1-20	98% - 0%			N.A.	N.A.
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	4-20	98% - 0%		1-20	99% - 0%		1-20	97% - 0%	
Zano	ZMO150	0W-150W, LED,Rot	1-8	47% - 0%		1-20	63% - 0%		1-20	89% - 0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED	1-15	98%-11%		1-20	98% - 0%		1-20	99% - 2%	
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED	1-15	98%-7%		1-20	98% - 0%		1-20	99% - 2%	

Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps

Key

x-y	Excellent dimming with X-Y lamps, however external factors can negatively influence the deep dimming performance
x-y	See note bellow
	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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.

			LED Spot								
			MAS LED spot VLE DT 2.8-35W GU10 927 36D 9290042471			MAS LED spot VLE D 2.8-35W GU10 927 36D 9290042473 MAS LED spot VLE D 2.8-35W GU10 930 36D 9290042474 MAS LED spot VLE D 2.8-35W GU10 940 36D 9290042475 MAS LED spot VLE D 2.8-35W GU10 927 60D 9290042476			MAS LED spot VLE D 3.7-50W GU10 927 36D 9290042479 MAS LEDspotVLE D 3.7-50W GU10 930 36D UK 9290042480 MAS LEDspotVLE D 3.7-50W GU10 940 36D UK 9290042481 MAS LED spot VLE D 3.7-50W GU10 930 36D 9290042480 MAS LED spot VLE D 3.7-50W GU10 940 36D 9290042481 MAS LEDspot VLE D 3.7-50W GU10 92736D5CT 9290042479 MAS LEDspot VLE D 3.7-50W GU10 93036D5CT 9290042480		
Brand	**Type**	**Load**	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker |INSTA	286710	[RC] 20 ~ 360 W - Turn	1-20	100%-7%		1-20	98%-0%		1-15	100%-0%	
Berker |INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-20	100%-0%		1-20	100%-0%		1-15	99%-0%	
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	1-20	100%-1%		1-20	95%-0%		1-20	99%-1%	
Busch Jaeger |ABB	2250 U	[R] 60 ~ 600 W - Turn	1-20	100%-8%		1-20	97%-0%		1-20	100%-0%	
Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-20	100%-0%		1-20	100%-0%		1-20	98%-0%	
Busch Jaeger |ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-20	100%-8%		1-20	99%-0%		1-20	100%-0%	
Busch Jaeger |ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-20	100%-0%		1-20	98%-0%		1-20	100%-0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading	1-20	100%-2%		1-20	99%-0%		1-20	99%-2%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	1-20	100%-0%		1-20	99%-0%		1-20	99%-2%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-20	100%-0%		1-20	95%-0%		1-20	100%-0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	1-20	100%-0%		1-20	95%-0%		1-20	100%-0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing	1-20	99%-0%		1-20	90%-0%		1-20	99%-0%	
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-20	100%-8%		1-20	97%-0%		1-20	99%-0%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	1-20	100%-1%		1-20	98%-0%		1-15	99%-1%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-20	100%-8%		1-20	96%-0%		1-20	95%-0%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-20	100%-8%		1-20	96%-0%		1-20	95%-0%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-20	100%-0%		1-20	98%-0%		1-20	100%-0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-20	100%-0%		1-20	95%-0%		1-20	91%-0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-20	100%-0%		1-20	95%-0%		1-20	99%-0%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing	1-20	100%-0%		1-20	100%-0%		1-20	100%-0%	
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-20	100%-8%		1-20	97%-0%		1-20	99%-0%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	1-20	100%-1%		1-20	98%-0%		1-15	100%-1%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	100%-8%		1-5	97%-0%		1-5	95%-0%	
Gira	1176-00/01	[RLC] 50 ~ 420W	1-20	100%-8%		1-20	97%-0%		1-20	99%-0%	
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-20	100%-6%		1-20	97%-0%		1-20	99%-0%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-20	100%-6%			N.A.	N.A.		N.A.	N.A.
Hamilton	LEDIT-B100	5-100W,LED, Trailing	1-20	100%-0%			N.A.	N.A.		N.A.	N.A.
Hamilton	LEDIT-B100	5-100W,LED, Leading	1-20	100%-0%			N.A.	N.A.		N.A.	N.A.
Hager	EVN 011	[RC] 300VA	1-20	100%-8%		1-20	100%-0%		1-15	99%-0%	
Hager	EVN 012	[RC] 300W	1-20	100%-0%		1-20	99%-0%		1-20	99%-0%	
Hager	EVN 004	[RL] 500VA	1-20	100%-0%		1-20	100%-0%		1-20	100%-0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-20	100%-4%		1-20	100%-0%		1-20	100%-0%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-20	100%-6%		1-20	97%-0%		1-20	99%-0%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-20	100%-6%		1-20	100%-0%		1-15	99%-0%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-8	100%-8%		1-8	97%-0%		1-5	99%-0%	
Legrand	67083	[RLC] 3 ~ 400W	1-20	100%-1%		1-20	91%-0%		1-20	89%-1%	
Legrand	L4402N	[R] 60~500W	1-20	100%-0%			N.A.	N.A.		N.A.	N.A.
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-20	100%-7%		1-20	97%-0%		1-20	99%-0%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-20	100%-1%		1-20	98%-0%		1-15	99%-1%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	100%-8%		1-5	97%-0%		1-5	95%-0%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-20	86%-8%		1-20	86%-9%		1-20	94%-7%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-20	100%-8%		1-20	86%-1%		1-20	100%-10%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-10	100%-8%		1-20	98%-0%		1-10	100%-10%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-20	99%-8%		5-20	88%-1%		1-20	85%-3%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-20	100%-5%		1-20	100%-0%		1-20	100%-0%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-20	100%-7%		1-20	98%-0%		1-20	99%-0%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-20	100%-7%		1-20	98%-0%		1-20	99%-0%	
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing	1-20	100%-0%		1-20	100%-0%		1-20	99%-0%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-10	100%-8%		1-20	100%-0%		1-15	100%-0%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-20	100%-8%		1-20	99%-0%		1-20	100%-0%	
RELCO	RP0977	[LED] 4-100W	1-20	100%-0%		1-20	98%-0%		1-20	100%-0%	
RELCO	RM0545	[LED] 4-100W	1-20	100%-0%		1-20	99%-0%		1-20	96%-0%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	1-20	100%-1%		2-20	98%-0%		1-15	99%-1%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-20	100%-8%		1-20	97%-0%		1-20	99%-0%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	100%-8%		1-5	97%-0%		1-5	95%-0%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing	1-20	100%-0%		1-20	90%-0%		1-20	99%-0%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-20	100%-0%		1-20	99%-0%		1-20	99%-0%	
VADSBO	LDN200	0-200W,LED	1-20	100%-0%		1-20	97%-0%		1-20	99%-0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-20	100%-0%		1-20	100%-0%		1-20	99%-0%	
Varilight	HQ3W	[R] 60-400W	1-20	100%-8%		1-20	99%-3%		1-20	97%-1%	
Varilight	MJP120	0-120W,LED	1-20	100%-0%			N.A.	N.A.		N.A.	N.A.
Varilight	JQP401W	0-120W,LED	1-20	100%-0%			N.A.	N.A.		N.A.	N.A.
Vimar	20148	[RL] 500W	1-20	100%-8%		1-20	100%-0%		1-20	96%-0%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-20	100%-8%		1-20	100%-0%		1-20	100%-0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-20	100%-0%		1-20	99%-0%		1-20	100%-0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-20	100%-0%		1-20	99%-0%		1-20	100%-0%	
Philips Dynalite	DDLE801	(100W per channel)	1-20	100%-0%		1-20	100%-0%		1-20	100%-0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading	1-20	100%-0%		1-20	100%-0%		1-20	100%-0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	1-20	100%-0%		1-20	100%-0%		1-20	100%-0%	
Zano	ZMO150	0W-150W, LED,Rot	1-20	100%-0%		1-20	95%-0%		1-20	99%-0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED	1-20	100%-2%			N.A.	N.A.		N.A.	N.A.
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED	1-20	100%-3%		1-20	100%-0%		1-20	99%-0%	

Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps

Key

x-y	Excellent dimming with X-Y lamps, however external factors can negatively influence the deep dimming performance
x-y	See note bellow
	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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.

			LED Spot								
			MAS LED spot VLE D 3.7-50W GU10 927 60D 9290042482 MAS LED spot VLE D 3.7-50W GU10 930 60D 9290042483 MAS LED spot VLE D 3.7-50W GU10 940 60D 9290042484			MAS LED spot VLE DT 5.5-80W GU10 927 36D 9290042557			MAS LED spot VLE D 5.5-80W GU10 940 36D 9290042560 MAS LED spot VLE D 5.5-80W GU10 965 36D 9290042561 MAS LED spot VLE D 5.5-80W GU10 930 36D 9290042559 MASLEDspot VLE D 5.5-80W GU10 930 36D UK 9290042559 MASLEDspot VLE D 5.5-80W GU10 940 36D UK 9290042560 MASLEDspot VLE D 5.5-80W GU10 927 36D UK 9290042558 MAS LED spot VLE D 650lm GU10 930 120D 9290042562 MAS LED spot VLE D 680lm GU10 940 120D 9290042563 MAS LED spot VLE D 680lm GU10 965 120D 9290042564 MAS LED spot VLE D 5.5-80W GU10 927 36D 9290042558		
											
Brand	**Type**	**Load**	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker |INSTA	286710	[RC] 20 ~ 360 W - Turn	1-10	97%-0%		1-13	100%-6%		1-12	100%-0%	
Berker |INSTA	2973	[LED, R, L, C] 3 - 60W - Turn		N.A.	N.A.	1-11	100%-5%		1-10	100%-0%	
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	1-10	96%-0%		1-14	100%-3%		1-13	100%-0%	
Busch Jaeger |ABB	2250 U	[R] 60 ~ 600 W - Turn	1-10	96%-0%		2-20	100%-3%		1-20	82%-0%	
Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-10	98%-0%		1-20	100%-6%		2-20	100%-5%	
Busch Jaeger |ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-10	96%-0%		1-18	100%-0%		1-17	100%-0%	
Busch Jaeger |ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-10	95%-0%		1-18	100%-0%		1-17	100%-0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading	1-10	96%-0%		1-18	100%-2%		1-17	100%-0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	1-10	96%-0%		1-18	100%-3%		1-17	100%-0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-10	96%-0%		1-20	100%-2%		1-20	100%-0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	1-10	96%-0%		1-20	100%-1%		1-20	100%-0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing	1-10	97%-0%		1-20	100%-6%		3-20	100%-0%	
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-10	97%-0%		1-15	100%-6%		1-14	100%-0%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	1-10	96%-0%		1-11	100%-4%		1-11	100%-0%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-10	96%-0%		1-20	100%-5%		1-20	100%-0%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-10	97%-0%		1-20	100%-5%		1-20	100%-0%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-10	97%-0%		1-15	100%-0%		1-14	100%-0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-10	97%-0%		1-20	100%-2%		1-20	100%-0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-10	96%-0%		1-20	100%-2%		1-20	100%-0%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing	1-10	97%-0%		1-20	100%-0%		1-20	100%-0%	
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-10	97%-0%		1-15	100%-6%		1-14	100%-0%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	1-10	96%-0%		1-11	100%-4%		1-11	100%-0%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	96%-0%		1-4	100%-5%		1-3	100%-0%	
Gira	1176-00/01	[RLC] 50 ~ 420W	1-10	97%-0%		1-15	100%-9%		2-10	100%-5%	
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-10	96%-0%		1-18	100%-4%		1-17	100%-0%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn		N.A.	N.A.	1-11	100%-3%		1-10	100%-0%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing	1-10	96%-0%		1-18	100%-2%		1-17	100%-0%	
Hamilton	LEDIT-B100	5-100W,LED, Leading	1-10	97%-0%		1-18	100%-2%		1-17	100%-0%	
Hager	EVN 011	[RC] 300VA	1-10	96%-0%		1-11	100%-4%		1-10	100%-0%	
Hager	EVN 012	[RC] 300W	1-10	97%-0%		1-18	100%-1%		1-17	100%-0%	
Hager	EVN 004	[RL] 500VA	1-10	97%-0%		1-18	100%-1%		1-17	100%-0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-10	96%-0%		1-18	100%-3%		1-17	100%-0%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-10	96%-0%		1-18	100%-4%		1-17	100%-0%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn		N.A.	N.A.	1-11	100%-3%		1-10	100%-0%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W		N.A.	N.A.	1-4	100%-7%		1-4	100%-4%	
Legrand	67083	[RLC] 3 ~ 400W	1-10	97%-0%		1-15	100%-1%		1-14	100%-0%	
Legrand	L4402N	[R] 60~500W		N.A.	N.A.	2-18	100%-9%		2-17	100%-3%	
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-10	97%-0%		1-15	100%-6%		1-14	100%-0%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-10	96%-0%		1-11	100%-4%		1-11	100%-0%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	96%-0%		1-4	100%-5%		1-3	100%-0%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-10	97%-3%			N.A.	N.A.		N.A.	N.A.
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-10	97%-0%		1-15	100%-3%		1-17	100%-0%	
MK - Electric	K4501 WHILV	[RLC] 180W		N.A.	N.A.	1-7	100%-6%		1-6	100%-0%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-10	96%-0%		1-15	100%-6%		1-14	100%-0%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-10	96%-0%		1-18	100%-1%		1-17	100%-0%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-10	97%-0%		1-20	100%-1%		1-20	100%-0%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-10	97%-0%		1-20	100%-1%		1-20	100%-0%	
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing	1-10	96%-0%		1-20	100%-4%		1-20	100%-0%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-10	97%-0%		1-11	85%-5%		1-10	100%-0%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-10	96%-0%		1-18	100%-0%		1-17	100%-0%	
RELCO	RP0977	[LED] 4-100W	1-10	96%-0%		1-6	100%-6%		1-5	100%-0%	
RELCO	RM0545	[LED] 4-100W	1-10	92%-0%		1-18	100%-3%		1-17	100%-0%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	1-10	96%-0%		1-11	100%-4%		1-11	100%-0%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-10	97%-0%		1-15	100%-6%		1-14	100%-0%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	96%-0%		1-4	100%-5%		1-3	100%-0%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing	1-10	97%-0%		1-20	100%-6%		3-20	100%-0%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-10	97%-0%		1-20	100%-0%		1-15	100%-0%	
VADSBO	LDN200	0-200W,LED	1-10	96%-0%		1-20	100%-0%		1-20	100%-0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-10	96%-0%			N.A.	N.A.		N.A.	N.A.
Varilight	HQ3W	[R] 60-400W	1-10	95%-1%			N.A.	N.A.		N.A.	N.A.
Varilight	MJP120	0-120W,LED		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
Varilight	JQP401W	0-120W,LED		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
Vimar	20148	[RL] 500W		N.A.	N.A.	1-18	100%-4%		1-17	100%-0%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-10	96%-0%		1-20	100%-6%		1-20	100%-0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-10	97%-0%		1-20	100%-1%		1-20	100%-0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-10	95%-0%		1-20	100%-2%		1-20	100%-0%	
Philips Dynalite	DDLE801	(100W per channel)	1-10	97%-0%		1-18	100%-0%		1-17	100%-0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading	1-10	96%-0%		1-18	100%-0%		3-17	100%-0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	1-10	97%-0%		1-18	100%-0%		1-17	100%-0%	
Zano	ZMO150	0W-150W, LED,Rot	1-10	95%-0%		1-20	100%-0%		1-20	100%-0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED				1-16	100%-3%		1-16	100%-0%	
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED				1-20	100%-7%		1-20	100%-7%	

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Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps

Key

x-y	Excellent dimming with X-Y lamps, however external factors can negatively influence the deep dimming performance
x-y	See note bellow
	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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.

			LED Spot								
			MAS LED spot VLEDT3.7-50W GU10 927 36DUK 9290042472 MAS LED spot VLE DT 3.7-50W GU10 927 36D 9290042472			MAS LEDspot UE 2.1-50W GU10 DIM 827 EELA 9290037959 MAS LEDspot UE 2.1-50W GU10 DIM 830 EELA 9290037960 MAS LEDspot UE 2.1-50W GU10 DIM 840 EELA 9290037961			CorePro LEDspot 4.8-50W GU10 3CCT 36DDIM 9290042210		
Brand	**Type**	**Load**	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker |INSTA	286710	[RC] 20 ~ 360 W - Turn	1-15	100%-8%		1-20	100%-0%		1-15	98%-0%	
Berker |INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-15	100%-0%		1-20	99%-0%		1-10	99%-0%	
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	1-20	100%-1%		1-20	99%-0%		1-15	99%-0%	
Busch Jaeger |ABB	2250 U	[R] 60 ~ 600 W - Turn	5-20	100%-5%		1-2	100%-0%			N.A.	N.A.
Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-20	100%-0%		1-20	100%-0%		1-20	100%-0%	
Busch Jaeger |ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-20	100%-8%		1-20	99%-0%		1-20	99%-0%	
Busch Jaeger |ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-20	100%-0%		1-20	99%-0%		1-20	98%-0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading	1-20	100%-2%		1-20	100%-0%		1-20	96%-0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	1-20	100%-2%		1-20	99%-0%		1-20	96%-0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-20	100%-0%		1-20	99%-0%		1-20	98%-0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	1-20	100%-0%		1-20	91%-0%		1-20	98%-0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing	1-20	100%-0%		1-20	97%-0%		1-20	99%-0%	
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-20	100%-8%		1-20	99%-0%		1-15	99%-0%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	1-20	100%-2%		1-20	99%-0%		1-10	99%-0%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-20	100%-8%		1-20	99%-0%		1-20	100%-0%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-20	100%-8%		1-20	99%-0%		1-20	100%-0%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-20	100%-0%		1-20	99%-0%		1-15	95%-0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-20	100%-0%		1-20	99%-0%		1-20	100%-0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-20	100%-0%		1-20	99%-0%		1-10	100%-0%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing	1-20	100%-0%		1-20	99%-0%		1-20	97%-0%	
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-20	100%-8%		1-20	99%-0%		1-15	99%-0%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	1-20	100%-2%		1-20	99%-0%		1-10	99%-0%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	100%-8%		1-10	99%-0%		1-3	100%-7%	
Gira	1176-00/01	[RLC] 50 ~ 420W	1-20	100%-0%		1-20	99%-1%		1-15	98%-0%	
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-20	100%-0%		1-20	99%-0%			N.A.	N.A.
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-15	100%-0%		1-20	99%-0%		1-10	99%-0%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing	1-20	100%-0%			N.A.	N.A.		N.A.	N.A.
Hamilton	LEDIT-B100	5-100W,LED, Leading	1-20	100%-0%			N.A.	N.A.		N.A.	N.A.
Hager	EVN 011	[RC] 300VA	1-20	100%-0%		1-20	100%-0%		1-10	100%-6%	
Hager	EVN 012	[RC] 300W	1-20	100%-0%		1-20	100%-5%		1-20	100%-0%	
Hager	EVN 004	[RL] 500VA	1-20	100%-0%		1-20	100%-0%		1-20	98%-0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)		N.A.	N.A.	1-20	100%-0%		1-20	99%-0%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-20	100%-0%		1-20	99%-0%			N.A.	N.A.
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-15	100%-0%		1-20	99%-0%		1-10	99%-0%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-5	100%-0%		1-10	99%-0%		1-5	98%-0%	
Legrand	67083	[RLC] 3 ~ 400W	1-20	100%-1%		1-20	99%-0%		1-15	99%-0%	
Legrand	L4402N	[R] 60~500W	1-20	100%-0%			N.A.	N.A.	1	95%-0%	
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-20	100%-8%		1-20	99%-0%		1-15	99%-0%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-20	100%-2%		1-20	99%-0%		1-10	99%-0%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	100%-8%		1-10	99%-0%		1-3	100%-7%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-20	100%-9%		1-20	76%-0%			N.A.	N.A.
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-20	100%-8%		8-20	100%-0%		1-20	98%-0%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-10	100%-8%		8-15	99%-7%		1-8	98%-0%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-20	100%-8%		1,5-20	99%-0%		1-15	99%-0%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-20	100%-0%		1-20	98%-0%		1-20	98%-0%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-20	100%-0%		1-20	99%-0%		1-20	98%-0%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-20	100%-0%		1-20	99%-0%		1-20	98%-0%	
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing	1-20	100%-0%		1-20	99%-0%		1-20	99%-0%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-15	100%-8%		1-20	99%-0%		1-10	100%-0%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-20	100%-8%		1-20	99%-0%		1-20	99%-0%	
RELCO	RP0977	[LED] 4-100W	1-20	100%-0%		1-20	99%-0%			N.A.	N.A.
RELCO	RM0545	[LED] 4-100W	1-20	100%-1%		1-20	98%-3%		1-20	100%-0%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	1-20	100%-2%		1-20	99%-0%		1-10	99%-0%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-20	100%-8%		1-20	99%-0%		1-15	99%-0%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	100%-8%		1-10	99%-0%		1-3	100%-7%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing	1-20	100%-0%		1-20	97%-0%		1-20	99%-0%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-20	100%-0%		1-20	98%-0%		1-20	97%-0%	
VADSBO	LDN200	0-200W,LED	1-20	100%-0%		1-20	99%-0%		1-20	100%-0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-20	100%-0%		1-20	99%-1%		1-20	100%-0%	
Varilight	HQ3W	[R] 60-400W	1-20	100%-8%		1	98%-0%		2-15	97%-0%	
Varilight	MJP120	0-120W,LED	1-20	100%-8%		1-20	60%-5%			N.A.	N.A.
Varilight	JQP401W	0-120W,LED	1-20	100%-8%		1-20	99%-0%			N.A.	N.A.
Vimar	20148	[RL] 500W	1-20	100%-8%		2-20	99%-0%		1-20	99%-0%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-20	100%-8%		1-20	98%-0%		1-20	98%-0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-20	100%-0%		1-20	99%-0%		1-20	97%-0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-20	100%-0%		1-20	99%-0%		1-20	97%-0%	
Philips Dynalite	DDLE801	(100W per channel)	1-20	100%-0%		1-20	99%-0%		1-20	99%-0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading	1-20	100%-0%		1-20	99%-0%		1-20	99%-0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	1-20	100%-0%		1-20	99%-0%		1-20	99%-0%	
Zano	ZMO150	0W-150W, LED,Rot	1-20	100%-0%		1-20	99%-0%		1-20	100%-0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED	1-20	100%-2%						N.A.	N.A.
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED	1-20	100%-2%					1-20	95%-0%	

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Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps

Key

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	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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Brand	Type	Load	LED Capsule								
			CorePro LEDcapsuleMV 2.6-25W G9 827 D 9290023899 CorePro LEDcapsuleMV 2.6-25W G9 827 D UK 9290023899			CorePro LEDcapsuleMV 4-40W G9 827 D 9290023900			CorePro LEDcapsuleMV 2.7-25W G9 827 D 9290037911 CorePro LEDcapsuleMV 2.7-25W G9 827 D UK 9290037911		
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker |INSTA	286710	[RC] 20 ~ 360 W - Turn	1-20	95% - 0%		1-15	93% - 0%		1-20	100%-0%	
Berker |INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-20	95% - 0%		1-15	93% - 68%		1-20	86%-0%	
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	1-20	94% - 0%		1-15	92% - 0%		1-20	89%-0%	
Busch Jaeger |ABB	2250 U	[R] 60 ~ 600 W - Turn	2-20	94% - 0%		1-15	93% - 0%		1-20	99%-0%	
Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-20	96% - 0%		1-15	94% - 0%		1-20	93%-0%	
Busch Jaeger |ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-20	93% - 0%		1-15	92% - 0%		1-20	92%-0%	
Busch Jaeger |ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-20	97% - 0%					1-20	93%-0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading	1-20	79% - 0%		1-15	81% - 0%		1-20	92%-0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	1-20	90% - 0%		1-15	90% - 0%		1-20	95%-0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-20	93% - 0%		1-15	92% - 0%		1-20	93%-0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	1-20	93% - 0%		1-15	92% - 0%		1-20	93%-0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing	1-20	99% - 2%		1-20	99% - 1%		1-20	100%-0%	
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-16	99% - 0%		1-20	99% - 0%		1-20	96%-0%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	1-20	89% - 0%		1-15	89% - 0%		1-20	95%-0%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-20	87% - 0%		1-15	87% - 0%		1-20	98%-0%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-20	87% - 0%		1-15	87% - 0%		1-20	98%-0%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-20	86% - 0%		1-15	87% - 0%		1-20	95%-0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-20	84% - 0%		1-15	85% - 0%		1-20	98%-0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-20	91% - 0%		1-15	90% - 0%		1-20	90%-0%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing	1-20	90% - 2%		1-20	98% - 1%		1-20	92%-0%	
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-16	99% - 0%		1-20	99% - 0%		1-20	96%-0%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	1-20	89% - 0%		1-15	89% - 0%		1-20	95%-0%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-8	83% - 0%		1-5	84% - 0%		1-20	100%-0%	
Gira	1176-00/01	[RLC] 50 ~ 420W	1-20	89% - 0%		1-15	89% - 0%		1-20	87%-0%	
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-20	79% - 0%			91% - 0%		1-20	86%-0%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-20	98% - 0%		1-20	99% - 0%		1-20	86%-0%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing	1-20	99% - 0%		1-20	99% - 0%		1-20	95%-0%	
Hamilton	LEDIT-B100	5-100W,LED, Leading	1-20	96% - 0%					1-20	89%-0%	
Hager	EVN 011	[RC] 300VA	1-20	94% - 0%		1-15	87% - 0%		1-20	100%-0%	
Hager	EVN 012	[RC] 300W	1-20	94% - 0%		1-15	87% - 0%		1-20	100%-0%	
Hager	EVN 004	[RL] 500VA	1-20	96% - 0%		1-15	85% - 0%		1-20	88%-0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-20	85% - 0%		1-15	90% - 0%		1-20	92%-0%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-20	79% - 0%		1-15	91% - 0%		1-20	86%-0%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-20	95% - 0%		1-15	93% - 68%		1-20	90%-0%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-9	79% - 0%		1-5	91% - 31%		1-8	90%-0%	
Legrand	67083	[RLC] 3 ~ 400W	1-20	85% - 0%		1-15	97% - 0%		1-20	94%-0%	
Legrand	L4402N	[R] 60~500W	1-20	90% - 0%		1-15	85% - 0%			N.A.	N.A.
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-16	99% - 0%		1-20	99% - 0%		1-20	96%-0%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-20	89% - 0%		1-15	89% - 0%		1-20	95%-0%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-8	83% - 0%		1-5	87% - 0%		1-8	100%-0%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-20	96% - 0%		1-15	85% - 0%		1-20	98%-0%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-20	85% - 0%		1-15	90% - 0%			N.A.	N.A.
MK - Electric	K4501 WHILV	[RLC] 180W	1-14	96% - 0%		1-11	95% - 0%		1-10	89%-0%	
MK - Electric	K4500 WHILV	[RLC] 400W	2-20	92% - 0%		2-16	99% - 0%			N.A.	N.A.
NIKO	310-0280X	[LED] 2 ~100 VA	1-20	82% - 0%		1-15	90% - 0%		1-20	100%-0%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-20	94% - 10%		1-15	88% - 8%			N.A.	N.A.
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-20	94% - 10%		1-15	88% - 8%			N.A.	N.A.
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing	1-20	92% - 2%		1-20	98% - 1%		1-20	88%-0%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-20	88% - 0%		1-15	89% - 0%		1-20	81%-0%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-20	93% - 0%		1-15	92% - 0%		1-20	92%-0%	
RELCO	RP0977	[LED] 4-100W	1-20	100% - 0%		1-20	99% - 0%		5-20	77%-1%	
RELCO	RM0545	[LED] 4-100W	1-20	85% - 0%			N.A.	N.A.	1-20	100%-0%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	1-20	89% - 0%		1-15	89% - 0%		1-20	100%-0%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-16	99% - 0%		1-20	99% - 0%		1-20	96%-0%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-8	83% - 0%		1-5	86% - 0%		1-8	100%-0%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing	1-20	99% - 2%		1-20	99% - 1%		1-20	100%-0%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-20	94% - 0%		1-15	88% - 0%		1-20	92%-0%	
VADSBO	LDN200	0-200W,LED	1-20	98% - 0%		1-20	99% - 0%		1-20	95%-0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-20	89% - 2%		1-20	98% - 1%		1-20	100%-0%	
Varilight	HQ3W	[R] 60-400W	1-20	94% - 0%		1-15	88% - 0%		1-20	89%-0%	
Varilight	MJP120	0-120W,LED	1-20	97% - 0%		1-20	99% - 0%		1-20	98%-0%	
Varilight	JQP401W	0-120W,LED	1-20	91% - 2%		1-20	99% - 1%		1-20	80%-0%	
Vimar	20148	[RL] 500W	1-20	81% - 0%		1-15	90% - 0%		1-20	98%-0%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-20	83% - 0%		1-15	89% - 0%		1-20	95%-0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-20	96% - 0%		1-15	93% - 0%		1-20	97%-0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-20	85% - 0%		1-15	93% - 0%		1-20	87%-0%	
Philips Dynalite	DDLE801	(100W per channel)		N.A.	N.A.	1-12	95% - 0%		1-20	95%-0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading	1, 4-11	98% - 0%		3-20	90% - 0%	4-5	1-20	76%-0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	10-11	99% - 0%		3-20	99% - 0%		1-20	88%-0%	
Zano	ZMO150	0W-150W, LED,Rot	1-20	99% - 0%		1-20	99% - 0%		1-20	95%-0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED	1-20	100% - 0%							
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED	1-20	99% - 0%							

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Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps

Key

x-y	Excellent dimming with X-Y lamps, however external factors can negatively influence the deep dimming performance
x-y	See note bellow
	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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.

Brand	Type	Load	LED Capsule			LED Spot					
			CorePro LEDcapsuleMV 4-40W G9 827 D 9290037912			CoreProLEDspot D 4.3-60W R50 E14 827 36D 9290018912			CoreProLEDspot D 4.5-60W R63 E27 827 36D 9290018914		
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker |INSTA	286710	[RC] 20 ~ 360 W - Turn	1-18	98%-0%		1-15	97% - 0%		1-15	97% - 0%	
Berker |INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-15	98%-0%			N.A.	N.A.		N.A.	N.A.
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	1-19	99%-0%		1-15	97% - 0%		1-15	97% - 0%	
Busch Jaeger |ABB	2250 U	[R] 60 ~ 600 W - Turn	1-20	99%-0%		1-15	97% - 0%		1-15	97% - 0%	
Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-20	97%-0%		1-15	98% - 0%		1-15	98% - 0%	
Busch Jaeger |ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-20	99%-0%		1-15	98% - 0%		1-15	98% - 0%	
Busch Jaeger |ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-20	99%-0%							
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading		N.A.	N.A.	1-15	97% - 0%		1-15	97% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing		N.A.	N.A.	1-15	97% - 0%		1-15	97% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading		N.A.	N.A.	1-15	96% - 0%		1-15	96% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing		N.A.	N.A.	1-15	97% - 0%		1-15	97% - 0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing	1-20	100%-0%		1-20	99% - 0%		1-20	99% - 0%	
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-20	99%-0%		1-15	99% - 0%		1-15	99% - 0%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	1-16	98%-0%		1-15	96% - 0%		1-15	96% - 0%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-20	98%-0%		1-15	97% - 0%		1-15	97% - 0%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-20	98%-0%		1-15	97% - 0%		1-15	97% - 0%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-20	91%-0%		1-15	96% - 0%		1-15	96% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-20	99%-0%		1-15	96% - 0%		1-15	96% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-20	99%-0%		1-15	95% - 0%		1-15	95% - 0%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing	1-20	98%-0%		1-20	83% - 0%		1-20	98% - 0%	
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-20	99%-0%		1-15	99% - 0%		1-15	99% - 0%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	1-16	98%-0%		1-15	96% - 0%		1-15	96% - 0%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	99%-0%		1-5	96% - 0%		1-5	96% - 0%	
Gira	1176-00/01	[RLC] 50 ~ 420W	1-20	93%-0%		1-15	96% - 0%		1-15	96% - 0%	
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-20	99%-0%		1-15	98% - 0%		1-15	98% - 0%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-15	98%-0%		1-20	99% - 0%		1-20	98% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing	1-20	99%-0%		1-20	99% - 0%		1-20	99% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Leading	1-20	99%-0%							
Hager	EVN 011	[RC] 300VA	1-15	99%-0%		1-15	97% - 0%		1-15	97% - 0%	
Hager	EVN 012	[RC] 300W	1-20	99%-0%		1-15	95% - 0%		1-15	95% - 0%	
Hager	EVN 004	[RL] 500VA	1-20	90%-0%		1-15	95% - 0%		1-15	95% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-20	94%-0%		1-15	97% - 0%		1-15	97% - 0%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-20	99%-0%		1-15	98% - 0%		1-15	98% - 0%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-15	98%-0%			N.A.	N.A.		N.A.	N.A.
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-6	99%-0%		1-5	95% - 0%		1-5	95% - 0%	
Legrand	67083	[RLC] 3 ~ 400W	1-20	99%-0%		1-15	97% - 0%		1-15	97% - 0%	
Legrand	L4402N	[R] 60~500W		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-20	99%-0%		1-15	99% - 0%		1-15	99% - 0%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-16	98%-0%		1-15	96% - 0%		1-15	96% - 0%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	99%-0%		1-5	96% - 0%		1-5	96% - 0%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-20	99%-0%		1-15	89% - 0%		1-15	89% - 0%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-13	78%-0%		2-15	97% - 0%		2-15	97% - 0%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-9	96%-0%		1-10	96% - 0%		1-10	96% - 0%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-20	92%-0%		1-15	99% - 0%		1-15	99% - 0%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-20	99%-0%		1-15	96% - 0%		1-15	96% - 0%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	0%-86%	98%-0%		1-15	97% - 0%		1-15	97% - 0%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	0%-86%	98%-0%		1-15	97% - 0%		1-15	97% - 0%	
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing	1-20	98%-0%		1-20	92% - 0%		1-20	98% - 0%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-15	99%-0%		1-10	96% - 0%		1-10	96% - 0%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-20	99%-0%		1-15	98% - 0%		1-15	98% - 0%	
RELCO	RP0977	[LED] 4-100W	1-5 max	80%-5%		1-15	99% - 0%		1-15	99% - 0%	
RELCO	RM0545	[LED] 4-100W	1-20	99%-0%		1-15	97% - 0%		1-15	97% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	1-16	98%-0%		1-15	96% - 0%		1-15	96% - 0%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-20	99%-0%		1-15	99% - 0%		1-15	99% - 0%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	99%-0%		1-8	96% - 0%		1-8	96% - 0%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing	1-20	100%-0%		1-20	99% - 0%		1-20	99% - 0%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-20	98%-0%		1-10	96% - 0%		1-10	96% - 0%	
VADSBO	LDN200	0-200W,LED	1-20	98%-0%		1-18	99% - 0%		1-20	99% - 0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-20	96%-0%		1-20	88% - 0%		1-20	98% - 0%	
Varilight	HQ3W	[R] 60-400W	1-20	96%-0%		2-15	96% - 0%		2-15	96% - 0%	
Varilight	MJP120	0-120W,LED	1-20	99%-0%		1-20	99% - 0%		1-20	99% - 0%	
Varilight	JQP401W	0-120W,LED	1-20	89%-0%		1-20	88% - 0%		1-20	99% - 0%	
Vimar	20148	[RL] 500W	1-20	95%-0%		1-15	96% - 0%		1-15	96% - 0%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-20	93%-0%		1-15	96% - 0%		1-15	96% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-20	99%-0%		1-15	96% - 0%		1-15	96% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-20	99%-0%		1-15	96% - 0%		1-15	96% - 0%	
Philips Dynalite	DDLE801	(100W per channel)	1-20	99%-1%		1-11	98% - 0%		1-11	98% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading	1-20	98%-0%		3-15	97% - 0%		3-15	97% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	1-20	98%-0%		1-15	99% - 0%		1-15	99% - 0%	
Zano	ZMO150	0W-150W, LED,Rot	1-20	99%-0%		1-20	99% - 0%		1-20	99% - 0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED									
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED									

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Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps

Key

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	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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Brand	Type	Load	LED Spot								
			MAS LEDspot VLE D 13-100W 927 PAR38 25D 9290034852			MAS LEDspot VLE D 9.5-75W 927 PAR30S 25D 9290034854 MAS LEDspot VLE D 9.5-75W 930 PAR30S 25D 9290034855 MAS LEDspot VLE D 9.5-75W 940 PAR30S 25D 9290034856			MAS LEDspot VLE D 6-50W 927 PAR20 25D 9290034857 MAS LEDspot VLE D 6-50W 930 PAR20 25D 9290034858 MAS LEDspot VLE D 6-50W 940 PAR20 25D 9290034859 MAS LEDspot VLE D 6-50W 927 PAR20 40D 9290034860 MAS LEDspot VLE D 6-50W 930 PAR20 40D 9290034861 MAS LEDspot VLE D 6-50W 940 PAR20 40D 9290034862		
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker |INSTA	286710	[RC] 20 ~ 360 W - Turn	1-5	98% - 0%		1-8	94% - 0%		1-10	98% - 0%	
Berker |INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-5	99% - 0%			N.A.	N.A.		N.A.	N.A.
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	1-5	98% - 0%		1-8	94% - 0%		1-10	98% - 0%	
Busch Jaeger |ABB	2250 U	[R] 60 ~ 600 W - Turn	1-10	98% - 0%		1-10	94% - 0%		1-20	98% - 0%	
Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-10	98% - 0%		1-10	93% - 0%		1-20	98% - 0%	
Busch Jaeger |ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-8	98% - 0%		1-10	96% - 0%		1-15	98% - 0%	
Busch Jaeger |ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-8	100% - 0%		1-11	99% - 0%		1-20	99% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading	1-8	99% - 0%		1-10	97% - 0%		1-15	99% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	1-8	99% - 0%		1-10	97% - 0%		1-15	98% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-10	99% - 0%		1-20	95% - 0%		1-20	98% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	1-10	99% - 0%		1-20	95% - 0%		1-20	98% - 0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing	1-18	99% - 0%		1-20	99% - 0%		1-20	100% - 0%	
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-6	100% - 0%		1-8	99% - 0%		1-15	100% - 0%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	1-5	98% - 0%		1-5	94% - 0%		1-10	98% - 0%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-10	99% - 0%		1-10	94% - 0%		1-20	98% - 0%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-10	99% - 0%		1-10	94% - 0%		1-20	98% - 0%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-5	98% - 0%		1-8	95% - 0%		1-10	98% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-10	97% - 0%		1-20	93% - 0%		2-20	98% - 14%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-10	97% - 0%		1-20	93% - 0%		1-20	98% - 0%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing	1-18	99% - 0%		1-20	99% - 0%		1-20	100% - 0%	
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-6	100% - 0%		1-8	99% - 0%		1-15	100% - 0%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	1-5	98% - 0%		1-5	94% - 0%		1-10	98% - 0%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-2	98% - 0%		1-2	94% - 0%		1-3	99% - 0%	
Gira	1176-00/01	[RLC] 50 ~ 420W	1-5	99% - 7%		2-8	91% - 0%		1-10	98% - 6%	
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-8	99% - 0%		1-10	95% - 0%		1-15	99% - 0%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-18	99% - 0%		1-20	98% - 0%		1-20	100% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing	1-18	99% - 0%		1-20	99% - 0%		1-20	100% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Leading				1-20	98% - 0%		1-20	100% - 0%	
Hager	EVN 011	[RC] 300VA	1-5	98% - 0%		1-5	94% - 0%		1-10	99% - 0%	
Hager	EVN 012	[RC] 300W	1-8	99% - 0%		1-10	95% - 0%		1-15	99% - 0%	
Hager	EVN 004	[RL] 500VA	2-8	98% - 14%		1-10	94% - 0%		1-15	98% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-8	97% - 0%		1-10	94% - 0%		1-15	98% - 0%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-8	99% - 0%		1-10	95% - 0%		1-15	99% - 0%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-5	99% - 0%			N.A.	N.A.		N.A.	N.A.
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-2	83% - 3%		1-3	94% - 0%		1-3	99% - 0%	
Legrand	67083	[RLC] 3 ~ 400W	1-5	98% - 0%		1-8	95% - 0%		1-10	98% - 0%	
Legrand	L4402N	[R] 60~500W	1-8	97% - 0%		1	93% - 1%		1	98% - 1%	
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-6	100% - 0%		1-8	99% - 0%		1-15	100% - 0%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-5	98% - 0%		1-5	94% - 0%		1-10	98% - 0%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-2	98% - 0%		1-2	94% - 0%		1-3	99% - 0%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-5	98% - 0%		1-8	93% - 1%		1-15	99% - 0%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-8	97% - 0%			N.A.	N.A.		N.A.	N.A.
MK - Electric	K4501 WHILV	[RLC] 180W	1-3	98% - 2%		1-20	98% - 0%		1-20	100% - 0%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-6	100% - 0%		1-8	99% - 0%		2-12	97% - 0%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-8	97% - 0%		1-10	96% - 5%		2-5	98% - 23%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-8	100% - 0%		1-20	95% - 0%		1-15	98% - 0%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-8	100% - 0%		1-20	95% - 0%		1-15	98% - 0%	
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing	1-8	98% - 0%		1-13	99% - 0%		1-20	100% - 0%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-5	98% - 0%		1-5	94% - 0%		2-15	98% - 11%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-8	98% - 0%			N.A.	N.A.	1-15	98% - 0%	
RELCO	RP0977	[LED] 4-100W	1-8	100% - 0%		1-15	98% - 0%		1-20	98% - 0%	
RELCO	RM0545	[LED] 4-100W	1-8	97% - 2%		1-10	93% - 0%		1-15	99% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	1-5	98% - 0%		1-5	94% - 0%		1-10	98% - 0%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-6	100% - 0%		1-8	99% - 0%		1-13	100% - 0%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-2	98% - 0%		1-2	94% - 0%		1-3	99% - 0%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing	1-18	99% - 0%		1-20	99% - 0%		1-20	100% - 0%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-5	97% - 0%		1-6	95% - 0%		1-10	99% - 0%	
VADSBO	LDN200	0-200W,LED	1-18	99% - 0%		1-20	99% - 0%		1-20	100% - 0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-18	99% - 0%		1-20	99% - 0%		1-20	100% - 0%	
Varilight	HQ3W	[R] 60-400W	1-5	98% - 0%		1-8	92% - 0%		1-10	99% - 0%	
Varilight	MJP120	0-120W,LED	1-18	99% - 0%		1-20	99% - 0%		1-20	100% - 0%	
Varilight	JQP401W	0-120W,LED	1-18	99% - 0%		1-20	99% - 0%		1-20	100% - 0%	
Vimar	20148	[RL] 500W	1-5	98% - 0%		1-8	94% - 0%		1-15	98% - 0%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-5	97% - 6%		1-20	95% - 2%		1-20	98% - 3%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-10	98% - 4%		1-20	93% - 0%		1-20	98% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-10	97% - 5%		1-20	93% - 0%		1-20	98% - 0%	
Philips Dynalite	DDLE801	(100W per channel)	1-4	99% - 0%		1-5	99% - 0%		1-8	99% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading		N.A.	N.A.	5-10	100% - 0%			N.A.	N.A.
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	3-7	100% - 0%		5-10	100% - 0%		5-15	99% - 0%	
Zano	ZMO150	0W-150W, LED,Rot	1-18	99% - 0%		1-20	99% - 0%		1-20	100% - 0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED									
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED									

Q4 2026

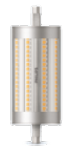
Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps

Key

x-y	Excellent dimming with X-Y lamps, however external factors can negatively influence the deep dimming performance
x-y	See note bellow
	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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.

Brand	Type	Load	LED Linear								
			CoreProLED linearD 17.5-150W R7S 118 830 9290020166 CoreProLED lineairD 17.5-150W R7S 118 840 9290020167			CorePro LED linear D 14-120W R7S 118 830 9290013536 CorePro LED linear D 14-120W R7S 118 840 9290013537			CorePro R7S 118mm 14-100W 830 D 9290012437 CorePro R7S 118mm 14-100W 840 D 9290012438		
											
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker |INSTA	286710	[RC] 20 ~ 360 W - Turn	1	99% - 15%		1-5	95% - 2%		1-5	95% - 2%	
Berker |INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-3	98% - 10%		1-3	94% - 0%		1-3	94% - 0%	
Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast		N.A.	N.A.	1-5	93% - 0%		1-5	93% - 0%	
Busch Jaeger |ABB	2250 U	[R] 60 ~ 600 W - Turn	1-7	97% - 0%		1-8	94% - 0%		1-8	94% - 0%	
Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-7	96% - 17%		1-8	98% - 6%		1-8	98% - 6%	
Busch Jaeger |ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-2	96% - 25%		1-5	93% - 7%		1-5	93% - 7%	
Busch Jaeger |ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-6	98% - 0%		1-20	96% - 7%		1-8	100%-0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Leading	1-6	97% - 10%		1-5	94% - 0%		1-5	94% - 0%	
Busch Jaeger |ABB	6523 U-102	[LED, R, L,C] 2 - 100W - Turn- Trailing	1-6	97% - 3%		1-5	93% - 0%		1-5	93% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-20	95% - 1%		1-8	92% - 0%		1-8	92% - 0%	
Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Trailing	1-20	95% - 1%		1-8	93% - 0%		1-8	93% - 0%	
ELKO| EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing	1-20	99% - 9%		1-20	99% - 1%		1-20	98% - 1%	
ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-5	99% - 16%		1-6	98% - 3%		1-6	98% - 3%	
ELKO| Schneider	SBD315RC (315 GLE)	[RC] 315W	1-4	95% - 3%		1-5	97% - 0%		1-5	97% - 0%	
SE LK | Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-7	98% - 16%		1-8	93% - 0%		1-8	93% - 0%	
SE LK | Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-7	98% - 16%		1-8	93% - 0%		1-8	93% - 0%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-5	96% - 1%		1-5	93% - 0%		1-5	93% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-11	98% - 0%		1-8	95% - 0%		1-8	95% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-11	98% - 5%		1-8	93% - 0%		1-8	93% - 0%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynalite DDBC120-DALI	10-300W, LED, Trailing	1-20	99% - 0%		1-20	99% - 0%		1-20	97% - 0%	
Feller| Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-5	99% - 16%		1-6	98% - 3%		1-6	98% - 3%	
Feller| Schneider	40300 (SBD315)	[RLC] 300W	1-4	95% - 3%		1-5	97% - 0%		1-5	97% - 0%	
Feller| Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1	98% - 15%		1-1	94% - 0%		1-1	94% - 0%	
Gira	1176-00/01	[RLC] 50 ~ 420W	1-5	97% - 24%		1-6	93% - 0%		1-6	93% - 0%	
Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-6	96% - 7%		1-5	93% - 0%		1-5	93% - 0%	
Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-9	98% - 11%		1-20	98% - 0%		1-20	99% - 1%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing	1-20	98% - 0%		1-20	95% - 0%		1-20	97% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Leading	1-5	98%-1%		1-7	97% - 0%		1-8	100%-0%	
Hager	EVN 011	[RC] 300VA	1-3	95% - 3%		1-3	97% - 0%		1-3	97% - 0%	
Hager	EVN 012	[RC] 300W	1-6	96% - 1%		1-5	93% - 0%		1-5	93% - 0%	
Hager	EVN 004	[RL] 500VA	1-6	98% - 5%		1-5	93% - 0%		1-5	93% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-6	98% - 10%		1-5	93% - 0%		1-5	93% - 0%	
Jung | INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-6	96% - 7%		1-5	93% - 0%		1-5	93% - 0%	
Jung | INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-3	98% - 10%		1-3	94% - 0%		1-3	94% - 0%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1	97% - 29%		1-2	93% - 0%		1-2	93% - 0%	
Legrand	67083	[RLC] 3 ~ 400W	1-5	97% - 4%		1-5	93% - 0%		1-5	93% - 0%	
Legrand	L4402N	[R] 60~500W	1-6	98% - 44%		1-5	93% - 0%		1-5	93% - 0%	
Merten| Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	1-5	99% - 16%		1-5	98% - 3%		1-5	98% - 3%	
Merten| Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-4	95% - 3%		1-5	97% - 0%		1-5	97% - 0%	
Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1	98% - 15%		1	94% - 0%		1	94% - 0%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	2-5	98% - 18%		1-5	94% - 4%		1-5	94% - 4%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-6	98% - 17%		1-5	95% - 11%		1-5	95% - 11%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-2	98% - 12%		1-3	100% - 1%		1-3	100% - 1%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-4	99% - 18%		1-5	99% - 8%		1-5	99% - 8%	
NIKO	310-0280X	[LED] 2 ~100 VA	1-6	98% - 1%		1-5	97% - 0%		1-5	97% - 0%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-11	98% - 0%		1-8	93% - 0%		1-8	93% - 0%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-11	98% - 0%		1-8	93% - 0%		1-8	93% - 0%	
Osram	HALOTRONIC HTi DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED,Trailing	1-20	95% - 0%		1-20	99% - 0%		1-20	97% - 0%	
PEHA	431HAN	[RL] 6~120W [LED] 6~60W	1-3	98% - 12%		1-3	93% - 0%		1-3	93% - 0%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-2	96% - 25%		1-5	93% - 0%		1-5	93% - 0%	
RELCO	RP0977	[LED] 4-100W		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
RELCO	RM0545	[LED] 4-100W		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	1-4	95% - 3%		1-5	97% - 0%		1-5	97% - 0%	
Schneider	SBD200 (WDE 002299)	[ ] 4~400VA - Turn Universal (2wire)	1-5	99% - 16%		1-6	98% - 3%		1-6	98% - 3%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1	98% - 15%		1	94% - 0%		1	94% - 0%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing	1-20	99% - 9%		1-20	99% - 1%		1-20	98% - 1%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-3	98% - 0%		1-4	93% - 0%		1-4	93% - 0%	
VADSBO	LDN200	0-200W,LED	1-13	96% - 0%		1-17	88% - 0%		1-19	97% - 0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-20	97% - 0%		1-14	86% - 0%		1-17	96% - 0%	
Varilight	HQ3W	[R] 60-400W	1-5	98% - 18%		1-5	94% - 20%		1-5	94% - 20%	
Varilight	MJP120	0-120W,LED	1-20	98% - 0%		1-20	94% - 0%		1-20	97% - 0%	
Varilight	JQP401W	0-120W,LED	1-20	96% - 0%		1-20	99% - 0%		1-20	97% - 0%	
Vimar	20148	[RL] 500W	1-6	98% - 20%		1-5	93% - 0%		1-5	93% - 0%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-11	98% - 29%		1-8	93% - 0%		1-8	93% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-11	99% - 1%		1-8	93% - 0%		1-8	93% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-11	98% - 0%		1-5	95% - 0%		1-5	95% - 0%	
Philips Dynalite	DDLE801	(100W per channel)	1-3	98% - 0%		1-3	100% - 0%		1-3	100% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading	4-5	99% - 0%		2	99% - 0%		2	99% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	2-5	99% - 0%		1-7	99% - 0%		1-7	99% - 0%	
Zano	ZMO150	0W-150W, LED,Rot	1-15	96% - 0%		1-20	93% - 0%		1-20	99% - 0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED				1-5	99%-2%				
Jung | INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED				1-20	100% - 1%				

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.
    a. 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.
    b. 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%.
    Yellow cell: minimum dimming level is between 10% and 20% (inclusive) AND maximum level is above or equal to 80%.
    Red cell: not compatible.
    Grey cell: the dimmer - LED light source combination is not applicable.
    White cell: no data available.
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:
    ”Dimming Performance” color indications and criteria:
    Green cell: No / or single point flicker, flicker range < 5% and below 80%.
    Yellow cell: Flicker range < 5%,single point flicker > 80%, 5%-20% flicker range below 80%
    Red cell: Flicker failed.
    White cell: No data available.
11. The information contained here is believed to be accurate at the time it was published, but is provided ””AS IS””.
12. The DALI dimmer test data is with Dynalite DDBC120-DALI controller under litmited conditions. Signify reserves the rights to the final explanation.

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