

PHILIPS



Compatibility List Professional Q2 2026

Mains Voltage / Dimmer

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Professional LED Mains Voltage range

2-28

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 below
	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											
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing			
MAS LEDBulb DT3.4-40W E27 927A60CL G 9290030099						MAS LEDBulbDT5.9-60W E27 927A60CL G 9290030103					MAS LEDBulb DT7.2-75W E27 927A60CL G 9290030111			
MAS LEDBulbDT3.4-40W E27 927 A60 FR G 9290030100						MAS LEDBulb DT5.9-60W E27 927 A60 FR G 9290030104					MAS LEDBulb DT7.2-75W B22 927A60CL G 9290030112			
MASLEDBulbDT3.4-40W B22 927A60CL G 9290030101						MAS LEDBulb DT5.9-60W B22 927A60CL G 9290030105					MAS LEDBulb DT7.2-75W E27 927 A60 FR G 9290030113			
MAS VLE LEDBulbD 3.4-40W B22 A60 927FR 9290030102						MAS VLE LEDBulbD5.9-60W B22 A60 927FR G 9290030106					MAS VLE LEDBulbD7.2-75W B22 A60 927 FR G 9290030114			
						MAS VLE LEDBulb DT5.9-60W E27 927ST64CLG 9290030107								
						MAS VLE LEDBulbDT5.9-60W B22 927 ST64CL G 9290030108								
						MAS VLE LEDBulb DT5.9-60W E27 927G93CL G 9290030109								
						MAS VLE LEDBulbDT5.9-60W B22 927 G93CL G 9290030110								
Berker INSTA	286710	[RC] 20 ~ 360 W - Turn	1-20	100% - 0%		1-12	100% - 0%		1-10	98% - 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%							

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

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

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

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

LED Bulb								
MAS VLE LEDBulbD11.2-100W E27 940A60CLG 9290035269			MAS VLE LEDCandleD3.4-40W E14 B35 927 CL 9290030595			MAS VLE LEDBulbD3.4-40W E27 927 A60 CL G 9290030705		
MAS VLE LEDBulbD11.2-100W E27 940A60FRG 9290035273			MAS VLE LEDCandleD3.4-40W E14 B35 927 FR G 9290030597			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
2-6	99% - 13%		1-10	99% - 0%		1-10	99% - 0%	
1-5	99% - 0%		1-10	97% - 0%		1-10	99% - 0%	
2-7	99% - 1%		1-10	100% - 0%		1-10	100% - 0%	
1-11	99% - 0%		2-10	100% - 0%		1-10	99% - 0%	
2-11	99% - 13%		1-10	99% - 0%		1-10	99% - 0%	
1-9	100% - 0%		1-10	100% - 0%		1-10	100% - 0%	
1-9	99% - 0%		1-10	97% - 0%		1-10	98% - 0%	
1-9	98% - 2%		1-10	99% - 0%		1-10	100% - 0%	
1-9	99% - 8%		1-10	99% - 0%		1-10	100% - 0%	
1-20	99% - 0%		1-10	100% - 0%		1-10	100% - 0%	
1-20	100% - 0%		1-10	100% - 0%		1-10	78% - 0%	
1-3	99% - 0%		1-10	100% - 0%		1-10	100% - 0%	
	N.A.	N.A.	1-10	97% - 0%		1-10	100% - 0%	
1-6	99% - 1%		1-10	99% - 0%		1-10	98% - 0%	
1-11	100% - 10%		1-10	99% - 0%		1-10	98% - 0%	
1-11	100% - 10%		1-10	99% - 0%		1-10	98% - 0%	
1-7	100% - 1%		1-10	100% - 0%		1-10	99% - 0%	
1-18	99% - 0%		1-10	96% - 0%		1-10	100% - 0%	
1-18	99% - 1%		1-10	96% - 0%		1-10	98% - 0%	
1-3	100% - 4%		1-10	100% - 0%		1-10	100% - 0%	
	N.A.	N.A.	1-10	97% - 0%		1-10	100% - 0%	
1-6	99% - 1%		1-10	99% - 0%		1-10	100% - 0%	
1-2	98% - 9%		1-6	100% - 0%		1-6	100% - 0%	
1-8	99% - 18%		1-10	98% - 0%		1-10	100% - 4%	
1-9	98% - 5%		1-10	98% - 0%		1-10	98% - 0%	
1-5	100% - 7%		1-10	97% - 0%		1-10	99% - 0%	
1-3	98% - 0%		1-3	100% - 0%		1-3	100% - 0%	
2-3	97% - 5%		1-10	100% - 0%		1-10	100% - 0%	
1-5	99% - 0%		1-10	98% - 0%		1-10	100% - 0%	
1-9	100% - 4%			N.A.	N.A.		N.A.	N.A.
1-9	100% - 2%		1-10	98% - 0%		1-10	100% - 0%	
1-9	94% - 3%		1-10	97% - 0%		1-10	97% - 0%	
1-9	98% - 5%		1-10	98% - 0%		1-10	98% - 0%	
1-5	100% - 7%		1-10	97% - 0%		1-10	99% - 0%	
1-2	100% - 0%		1-7	100% - 0%		1-7	100% - 0%	
1-7	98% - 1%		1-10	99% - 0%		1-10	100% - 0%	
2-9	100% - 0%		1-10	99% - 0%		1-10	100% - 0%	
1-7	99% - 1%		1-10	99% - 0%		1-10	100% - 0%	
1-6	99% - 1%		1-10	99% - 0%		1-10	100% - 0%	
1-2	98% - 9%		1-6	100% - 0%		1-6	100% - 0%	
1-2	98% - 9%		1-6	100% - 0%		1-6	100% - 0%	
2-8	97% - 1%		2-10	99% - 0%		2-10	100% - 0%	
1-9	100% - 10%		1-10	99% - 0%		2-10	100% - 0%	
1-3	98% - 6%		1-10	100% - 0%		1-10	100% - 0%	
1-7	100% - 15%		1-10	99% - 0%		2-10	99% - 0%	
1-9	98% - 0%		1-10	99% - 0%		1-10	100% - 0%	
1-18	100% - 70%		1-10	99% - 0%		1-10	100% - 18%	
1-18	100% - 70%		1-10	99% - 0%		1-10	99% - 0%	
1-3	100% - 0%		1-10	100% - 0%		1-10	100% - 0%	
1-5	99% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-9	100% - 0%		1-10	100% - 0%		1-10	100% - 0%	
1-9	100% - 0%		1-10	98% - 2%		1-10	98% - 1%	
1-9	98% - 6%		1-10	100% - 0%		1-10	100% - 0%	
1-6	99% - 1%		1-10	99% - 0%		1-10	100% - 0%	
1-7	99% - 1%		1-10	99% - 0%		1-10	100% - 0%	
1-2	98% - 9%		1-6	100% - 0%		1-6	100% - 0%	
1-3	100% - 0%		1-10	100% - 0%		1-10	100% - 0%	
1-5	99% - 0%		1-10	98% - 0%		1-10	98% - 0%	
1-3	99% - 0%		1-10	100% - 0%		1-10	100% - 0%	
1-7	99% - 15%		2-10	100% - 0%		2-10	100% - 0%	
1-3	56% - 0%		1-10	100% - 0%		1-10	100% - 0%	
1-3	64% - 0%		1-10	100% - 0%		1-10	100% - 0%	
1-9	100% - 1%		1-10	98% - 0%		1-10	100% - 0%	
1-18	99% - 1%		1-10	98% - 0%		1-10	100% - 0%	
1-18	99% - 0%		1-10	98% - 0%		1-10	100% - 0%	
1-18	100% - 0%		1-10	98% - 0%		1-10	100% - 0%	
1-4	97% - 0%		1-10	98% - 0%			N.A.	N.A.
1,5-8	99% - 0%		5-10	98% - 0%		6-10	93% - 0%	
1-8	99% - 0%		1-10	98% - 0%		6-11	97% - 0%	
1-3	93% - 0%		1-10	99% - 0%		1-10	99% - 0%	
			1-10	99% - 71%		1-10	99% - 71%	
			1-10	99% - 0%		1-10	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 below
	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 ~ 360W - 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 +Dynamite 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.	N.A.	1-3	100% - 0%		N.A.	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	1271LEDEE	[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+ Dynamite 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.	N.A.	3-10	97% - 0%		N.A.	N.A.	N.A.
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing	N.A.	N.A.	N.A.	2-10	98% - 0%		N.A.	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%		1-3	99% - 67%				
Jung INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED	1-3	98% - 0%		1-3	98% - 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 below
	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
Berker INSTA	286710	[RC] 20 ~ 360 W - Turn
Berker INSTA	2973	[LED, R, L, C] 3 - 60W - Turn
Bticino Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast
Busch Jaeger ABB	2250 U	[R] 60 ~ 600 W - Turn
Busch Jaeger ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn
Busch Jaeger ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn
Busch Jaeger ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Leading
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Trailing
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Leading
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Trailing
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)
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W
SE LK Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider
SE LK Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider
Eltako	EVD61NPN-UC	400W 3-wire Push Module
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing
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)
Feller Schneider	40300 (SBD315)	[RLC] 300W
Feller Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
Gira	1176-00/01	[RLC] 50 ~ 420W
Gira INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W - Tast
Gira INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn
Hamilton	LEDIT-B100	5-100W,LED, Trailing
Hamilton	LEDIT-B100	5-100W,LED, Leading
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)
Jung INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W - Tast
Jung INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn
Klik aan Klik uit	AWMD-250	[LED] 3 - 24W
Legrand	67083	[RLC] 3 ~ 400W
Legrand	L4402N	[R] 60-500W
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
MK - Electric	K1535	[R] 65 ~ 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 ~ 100 VA
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn
Osram	HALOTRONIC HTI DALI 315 DIM+ Dynalite DDBC120-DALI	3W-200W, LED, Trailing
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing
VADSBO	VD300	[LED] 0 - 300VA - Turn
VADSBO	LDN200	0-200W,LED
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing
Varilight	HQ3W	[R] 60-400W
Varilight	MJP120	0-120W,LED
Varilight	JQP401W	0-120W,LED
Vimar	20148	[RL] 500W
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDMC802 (913703243509)	(xW per channel)-leading
Philips Dynalite	DDMC802 (913703243509)	(xW per channel)-trailing
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

LED Bulb					
MAS LEDBulb D 4-60W E27 827 A60 CL G UE 9290036915			MAS LEDBulb D 4-60W E27 827 A60 CL G UE 9290038001		
MAS LEDBulb D 4-60W E27 827 A60 FR G UE 9290036916			MAS LEDBulb D 4-60W E27 827 A60 FR G UE 9290038002		
MAS LEDBulb D 4-60W E27 830 A60 CL G UE 9290036917			MAS LEDBulb D 4-60W E27 830 A60 CL G UE 9290038003		
MAS LEDBulb D 4-60W E27 830 A60 FR G UE 9290036918			MAS LEDBulb D 4-60W E27 830 A60 FR G UE 9290038004		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-3	97% - 15%		1-10	99% - 11%	
1-3	92% - 0%		1-10	99% - 2%	
1-3	95% - 0%		1-10	98% - 0%	
1-3	89% - 0%		1-10	97% - 0%	
1-3	98% - 30%		1-10	99% - 13%	
1-3	91% - 0%		1-10	98% - 0%	
1-3	100% - 0%		1-10	99% - 0%	
1-3	99% - 0%		1-10	99% - 0%	
1-3	99% - 0%		1-10	99% - 0%	
1-3	96% - 0%		1-10	99% - 0%	
1-3	96% - 0%		1-10	99% - 0%	
1-3	95% - 0%				
1-3	96% - 4%		1-10	99% - 2%	
1-3	98% - 0%		1-10	99% - 0%	
1-3	94% - 3%		1-10	99% - 9%	
1-3	96% - 0%		1-10	99% - 9%	
1-3	96% - 0%		1-10	99% - 0%	
1-3	96% - 0%		1-10	98% - 0%	
1-3	96% - 0%		1-10	99% - 0%	
1-3	99% - 0%				
1-3	96% - 4%		1-10	99% - 2%	
1-3	98% - 0%		1-10	99% - 0%	
1-3	94% - 67%		1-5	99% - 0%	
1-3	96% - 12%		1-10	100% - 19%	
1-3	93% - 0%		1-10	99% - 0%	
1-3	92% - 0%		1-10	99% - 2%	
1-3	94% - 0%		1-10	97% - 0%	
1-3	94% - 0%		1-10	97% - 0%	
1-3	93% - 0%		1-10	99% - 0%	
1-3	95% - 0%		1-10	100% - 0%	
1-3	95% - 0%		1-10	99% - 0%	
1-3	93% - 0%		1-10	99% - 0%	
1-3	93% - 0%		1-10	99% - 0%	
1-3	92% - 0%		1-10	99% - 2%	
1-3	85% - 0%		1-5	99% - 0%	
1-3	95% - 0%		1-10	99% - 0%	
1-3	N.A.	N.A.	2-10	100% - 0%	
1-3	96% - 4%		1-10	99% - 2%	
1-3	98% - 0%		1-10	99% - 0%	
1-3	94% - 67%		1-5	99% - 0%	
1-3	69% - 0%		1-10	92% - 0%	
1-3	88% - 0%		1-10	99% - 0%	
1-3	88% - 0%		1-8	98% - 0%	
1-3	88% - 0%		1-10	100% - 12%	
1-3	99% - 0%		1-10	99% - 0%	
1-3	90% - 0%		1-10	99% - 0%	
1-3	90% - 0%		1-10	99% - 0%	
1-3	100% - 0%		1-10	99% - 0%	
1-3	86% - 0%		1-10	99% - 0%	
1-3	91% - 0%		1-10	98% - 0%	
1-3	N.A.	N.A.			
1-3	96% - 0%		1-10	99% - 0%	
1-3	98% - 0%		1-10	99% - 0%	
1-3	96% - 4%		1-10	99% - 2%	
1-3	94% - 67%		1-5	99% - 0%	
1-3	99% - 0%		1-10	99% - 0%	
1-3	98% - 0%		1-10	99% - 0%	
1-3	96% - 0%		1-10	99% - 0%	
1-3	91% - 0%		1-10	99% - 0%	
1-3	67% - 0%		1-10	100% - 0%	
1-3	63% - 0%				
1-3	95% - 0%		1-10	98% - 0%	
1-3	96% - 0%		1-10	99% - 0%	
1-3	97% - 0%		1-10	99% - 0%	
1-3	97% - 0%		1-10	99% - 0%	
1-3	98% - 0%		1-10	99% - 0%	
1-3	97% - 0%		1-10	99% - 0%	
1-3	97% - 0%		1-10	99% - 0%	
1-3	97% - 0%		1-10	99% - 0%	
1-3	90% - 0%		1-10	98% - 0%	
1-3	100% - 0%				
1-3	100% - 0%				

Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps

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x-y	See note below
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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			LED Candle		
			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%	
Berker INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-10	96% - 0%		1-10	96% - 0%	
Bticino Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	1-10	98% - 0%		1-10	98% - 0%	
Busch Jaeger ABB	2250 U	[R] 60 - 600 W - Turn	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	66% - 0%	
Busch Jaeger ABB	6523 U	[LED] 2 - 100 VA-LED - Turn	1-10	98% - 0%		1-10	98% - 0%	
Busch Jaeger ABB	6523 U	[LED] 2 - 100 VA-LED - Push (2wire)	1-10	96% - 0%		1-17	95% - 0%	
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Leading	1-10	98% - 0%		1-10	98% - 0%	
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Trailing	2-10	67% - 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	98% - 0%	
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Trailing	2-10	97% - 0%		2-10	97% - 0%	
ELKO EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing	1-3	100% - 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%	
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W	1-10	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%	
SE LK Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-10	99% - 0%		1-10	99% - 0%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-10	97% - 0%		1-10	97% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-10	94% - 0%		1-10	94% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-10	94% - 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%	
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 - 200W(RC) 4-400W(RL)	1-10	98% - 0%		1-10	98% - 0%	
Feller Schneider	40300 (SBD315)	[RLC] 300W	1-10	98% - 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%		1-4	99% - 0%	
Gira	1176-00/01	[RLC] 50 - 420W	2-10	97% - 1%		2-10	97% - 1%	
Gira INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-10	96% - 0%		1-10	96% - 0%	
Gira INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-10	96% - 0%		1-10	96% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing	1-3	100% - 0%		1-3	99% - 0%	
Hamilton	LEDIT-B100	5-100W,LED, Leading		N.A.	N.A.		N.A.	N.A.
Hager	EVN 011	[RC] 300VA	1-10	97% - 0%		1-10	97% - 0%	
Hager	EVN 012	[RC] 300W	1-10	97% - 0%		1-10	97% - 0%	
Hager	EVN 004	[RL] 500VA	1-10	99% - 0%		1-10	99% - 0%	
Jung	1271LEDE	[LED] 3 - 100W - Push (3wire)	1-10	96% - 0%		1-10	96% - 0%	
Jung INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast	1-10	96% - 0%		1-10	96% - 0%	
Jung INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-10	96% - 0%		1-10	96% - 0%	
Klik aan Klik uit	AWMD-250	[LED] 3 - 24W	1-5	99% - 0%		1-5	99% - 0%	
Legrand	67083	[RLC] 3 - 400W	1-10	98% - 0%		1-10	98% - 0%	
Legrand	L4402N	[R] 60-500W	1-10	98% - 0%		1-10	98% - 0%	
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 - 200W(RC) 4-400W(RL)	1-10	98% - 0%		1-10	98% - 0%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-10	98% - 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%		1-4	99% - 0%	
MK - Electric	K1535	[R] 65 - 450 W - Turn	2-10	98% - 0%		2-10	98% - 0%	
MK - Electric	K1501 WHILV	[R] 60 - 500 W - Turn	2-10	97% - 0%		2-10	97% - 0%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-7	99% - 0%		1-7	99% - 0%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-10	97% - 0%		1-10	97% - 0%	
NIKO	310-0280X	[LED] 2 - 100 VA	1-10	97% - 0%		1-10	97% - 0%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-10	98% - 0%		1-10	98% - 0%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-10	98% - 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%	
PEHA	431HAN	[RL] 6-120W [LED] 6-60W	1-10	97% - 0%		1-10	97% - 0%	
Philips	UID8670	[LED] 2 - 100 VA-LED - Push (3wire)	1-10	98% - 0%		1-10	98% - 0%	
RELCO	RP0977	[LED] 4-100W	1-10	97% - 2%		1-10	97% - 2%	
RELCO	RM0545	[LED] 4-100W	1-10	99% - 0%		1-10	99% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	1-10	98% - 0%		1-10	98% - 0%	
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)	1-10	98% - 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%		1-4	99% - 0%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing	1-3	99% - 0%		1-3	99% - 0%	
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-10	97% - 0%		1-10	97% - 0%	
VADSBO	LDN200	0-200W,LED	1-3	100% - 0%		1-3	100% - 0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-3	100% - 0%		1-3	97% - 0%	
Varilight	HQ3W	[R] 60-400W	1-10	98% - 0%		1-10	98% - 0%	
Varilight	MJP120	0-120W,LED	1-3	65% - 0%		1-3	61% - 0%	
Varilight	JQP401W	0-120W,LED	1-3	73% - 0%		1-3	73% - 0%	
Vimar	20148	[RL] 500W	1-10	98% - 0%		1-10	98% - 0%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-10	97% - 0%		1-10	97% - 0%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-10	97% - 5%		1-10	97% - 5%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-10	97% - 0%		1-10	97% - 0%	
Philips Dynalite	DDLE801	(100W per channel)	1-3	98% - 0%		1-3	98% - 0%	
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading		N.A.	N.A.		N.A.	N.A.
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing		N.A.	N.A.		N.A.	N.A.
Zano	ZMO150	0W-150W, LED, Rot	1-3	100% - 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 below
	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								
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
			MAS LEDbulb DT 8-60W E27 A60 CL UK 9290024902			MAS LEDlustre DT 5.5-40W E14 P48 CL 9290024914			CorePro LEDbulb DIM 8-60W A60 E27 5CCT 9290037852		
			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					
											
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 OPUUS 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 +Dynamalite 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+ Dynamalite 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 Dynamalite	DDLE801	(100W per channel)	1-10	99% - 1%		1-15	98% - 0%		1-5	98% - 0%	
Philips Dynamalite	DDMC802 (913703243509)	(x W per channel)-leading	1-10	98% - 1%		1-10	100% - 0%		1-5	98% - 0%	
Philips Dynamalite	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 below
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N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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Brand	Type	Load	LED Lamp								
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
			MAS VLE LEDBulbD3.4-40W E27 940 A60CL G 9290035266	MAS VLE LEDBulbD5.9-60W E27 940 A60CL G 9290035267	MAS VLE LEDBulbD7.8-75W E27 940 A60CL G 9290035268	MAS VLE LEDBulbD3.4-40W E27 940 A60FR G 9290035270	MAS VLE LEDBulbD5.9-60W E27 940 A60FR G 9290035271	MAS VLE LEDBulbD7.8-75W E27 940 A60FR G 9290035272			
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 (BTN4411N, 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 OPU5 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 +Dyalite 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	[R] 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+ Dyalite 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 Dyalite	DDLE801	(100W per channel)	1-10	98% - 0%		1-8	100% - 0%		1-6	98% - 0%	
Philips Dyalite	DDMC802 (913703243509)	(x W per channel)-leading	5-10	98% - 0%		3-10	100% - 0%		1, 3-10	98% - 0%	
Philips Dyalite	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									

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

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x-y	See note below
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N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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Brand	Type	Load	LED Lamp								
			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 +Dyalite 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)	[RC] 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+ Dyalite 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 Dyalite	DDLE801	(100W per channel)	1-20	100% - 0%		1-10	99% - 0%		1-10	99% - 0%	
Philips Dyalite	DDMC802 (913703243509)	(x W per channel)-Leading	1-20	100% - 0%		1-10	99% - 0%		1-10	99% - 0%	
Philips Dyalite	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%	

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

LED Lamp		
MAS LEDBulbDT10.5-100W E27 CRI95A60CLG 9290037988		
MAS LEDBulb DT10.5-100W E27 CRI95A60FR G 9290037992		
		
Dimming Performance	Dimming Range	Glowing
2-5	100% - 10%	
1-5	100% - 5%	
1-5	99% - 0%	
2-10	100% - 0%	
2-10	100% - 10%	
1-10	99% - 0%	
1-20	99% - 0%	
1-10	99% - 0%	
1-10	99% - 0%	
1-20	99% - 0%	
1-20	99% - 0%	
1-15	98% - 0%	
1-8	100% - 10%	
1-5	100% - 2%	
1-10	98% - 7%	
1-10	98% - 7%	
1-8	100% - 0%	
1-15	100% - 7%	
1-15	100% - 7%	
1-20	99% - 0%	
1-8	100% - 10%	
1-5	100% - 2%	
1-2	98% - 66%	
1-8	99% - 7%	
1-10	100% - 4%	
1-5	100% - 5%	
1-10	97% - 0%	
1-10	97% - 0%	
1-5	100% - 4%	
1-10	100% - 4%	
1-10	100% - 5%	
1-10	100% - 2%	
1-10	100% - 4%	
1-5	100% - 5%	
1-2	97% - 17%	
1-8	99% - 1%	
1-10	100% - 31%	
1-8	100% - 10%	
1-5	100% - 2%	
1-2	98% - 66%	
2-8	100% - 4%	
1-10	100% - 10%	
1-3	99% - 4%	
1-8	99% - 10%	
1-10	100% - 0%	
1-15	98% - 0%	
1-15	98% - 0%	
1-15	99% - 0%	
1-5	95% - 3%	
1-10	99% - 0%	
1-10	70% - 0%	
1	99% - 3%	
1-5	100% - 2%	
1-8	100% - 10%	
1-2	98% - 66%	
1-15	98% - 0%	
1-20	100% - 0%	
1-15	98% - 0%	
1-20	100% - 0%	
1-8	99% - 15%	
1-10	36% - 0%	
1-10	96% - 0%	
1-10	99% - 13%	
1-15	100% - 16%	
1-20	99% - 2%	
1-20	99% - 2%	
1-10	100% - 0%	
1-10	100% - 0%	
1-10	100% - 0%	
1-8	99% - 87%	
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 below
	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								
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
MAS LED ExpertColor 3.9-35W GU10 927 25D	9290013464					MAS LED ExpertColor 5.5-50W GU10 927 25D	9290013470		MAS LEDspot VLE D 4.7-50W GU10 82736D5CT	9290029954	
MAS LED ExpertColor 3.9-35W GU10 930 25D	9290013465				MAS LED ExpertColor 5.5-50W GU10 930 25D	9290013471		MAS LEDspot VLE D 4.7-50W GU10 83036D5CT	9290029955		
MAS LED ExpertColor 3.9-35W GU10 950 25D	9290013466				MAS LED ExpertColor 5.5-50W GU10 940 25D	9290013472					
MAS LED ExpertColor 3.9-35W GU10 927 36D	9290013467				MAS LED ExpertColor 5.5-50W GU10 927 36D	9290013473					
MAS LED ExpertColor 3.9-35W GU10 930 36D	9290013468				MAS LED ExpertColor 5.5-50W GU10 930 36D	9290013474					
MAS LED ExpertColor 3.9-35W GU10 940 36D	9290013469				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					
											
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 (BTN4411N, 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 +Dynamalite 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+ Dynamalite 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 Dynamalite	DDLE801	(100W per channel)	1-20	99% - 0%		1-15	100% - 0%		1-10	88% - 0%	
Philips Dynamalite	DDMC802 (913703243509)	(x W per channel)-leading	1-20	99% - 0%		1-20	100% - 0%			N.A.	
Philips Dynamalite	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%				

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 below
	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																	
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing									
																				
			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	
Berker INSTA	286710	[RC] 20 ~ 360W - 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%	</												

Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps

Key

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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								
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
			MAS LED spot VLE D 3.7-35W GU10 927 36D 9290029794 MAS LED spot VLE D 3.7-35W GU10 927 60D 9290029798 MAS LED spot VLE D 3.7-35W GU10 930 60D 9290029799			MAS LED spot VLE DT 3.7-35W GU10 927 36D 9290029797			MAS LED spot VLE D 4.8-50W GU10 927 36D 9290029801		
											
Berker INSTA	286710	[RC] 20 - 360 W - Turn	1-15	98% - 12%		1-15	98% - 12%		1-15	97% - 7%	
Berker INSTA	2973	[LED, R, L, C] 3 - 60W - Turn	1-16	99% - 7%		1-16	99% - 7%		1-10	96% - 5%	
Bticino Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast	1-15	98% - 0%		1-15	98% - 0%		1-15	96% - 0%	
Busch Jaeger ABB	2250 U	[R] 60 - 600 W - Turn	1,3-20	99% - 0%		1,3-20	99% - 0%		1-20	98% - 0%	2
Busch Jaeger ABB	6513 U - 102	[RC] 40 - 420 W - Turn	1-20	98% - 13%		1-20	98% - 13%		1-20	98% - 7%	
Busch Jaeger ABB	6523 U	[LED] 2 - 100 VA-LED - Turn	1-20	98% - 3%		1-20	98% - 3%		1-20	96% - 1%	
Busch Jaeger ABB	6526 U	[LED] 2 - 100 VA-LED - Push (2wire)	1-20	98% - 17%		1-20	98% - 17%		1-20	97% - 9%	
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn-Leading	1-20	98% - 0%		1-20	98% - 0%		1-20	95% - 0%	
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn-Trailing	2-20	98% - 1%		2-20	98% - 1%		1-20	93% - 0%	
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn-Leading	1-20	98% - 0%		1-20	98% - 0%		1-20	96% - 0%	
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn-Trailing	2-20	99% - 0%		2-20	99% - 0%		1-20	95% - 0%	
ELKO EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 - 200W(RC) 4-400W(RL)	1-20	97% - 9%		1-20	97% - 9%		1-15	92% - 5%	
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W	2-15	98% - 0%		2-15	98% - 0%		1-10	95% - 0%	
SE LK Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider	1-20	98% - 15%		1-20	98% - 15%		1-20	95% - 9%	
SE LK Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider	1-20	98% - 15%		1-20	98% - 15%		1-20	95% - 9%	
Eltako	EVD61NPN-UC	400W 3-wire Push Module	1-20	98% - 0%		1-20	98% - 0%		1-15	98% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading	1-20	77% - 0%		1-20	77% - 0%		1-8	97% - 0%	
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing	1-20	98% - 0%		1-20	98% - 0%		1-20	96% - 0%	
Eltako	DL-PD-300W-RLC (33000009) Universal +Dynamlite DDBC120-DALI	10-300W, LED, Trailing	1-20	97% - 0%		1-20	98% - 0%		1-20	98% - 0%	
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 - 200W(RC) 4-400W(RL)	1-20	97% - 9%		1-20	97% - 9%		1-15	92% - 5%	
Feller Schneider	40300 (SBD315)	[RLC] 300W	2-15	98% - 0%		2-15	98% - 0%		1-10	95% - 0%	
Feller Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	98% - 15%		1-5	98% - 15%		1-3	95% - 9%	
Gira	1176-00/01	[LED, R, L, C] 3 - 60W - Turn	1-20	98% - 28%		1-20	98% - 28%		1-15	96% - 18%	
Gira INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W - Tast	1-20	99% - 5%		1-20	99% - 5%		1-20	97% - 2%	
Gira INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-20	97% - 2%			N.A.	N.A.	1-20	95% - 1%	
Hamilton	LEDIT-B100	5-100W,LED, Trailing		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
Hamilton	LEDIT-B100	5-100W,LED, Leading		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
Hager	EVN 011	[RC] 300VA	1-15	99% - 4%		1-15	99% - 4%		1-10	98% - 2%	
Hager	EVN 012	[RC] 300W	1-20	99% - 17%		1-20	99% - 17%		1-20	96% - 10%	
Hager	EVN 004	[RL] 500VA	1-20	98% - 10%		1-20	98% - 10%		1-20	95% - 6%	
Jung	1271LEDE	[LED] 3 - 100W - Push (3wire)	1-20	98% - 3%		1-20	98% - 3%		1-20	96% - 1%	
Jung INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W - Tast	1-20	99% - 5%		1-20	99% - 5%		1-20	97% - 2%	
Jung INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn	1-16	99% - 7%		1-16	99% - 7%		1-10	96% - 5%	
Klik aan Klik uit	AWMD-250	[LED] 3 - 24W	1-5	99% - 0%		1-5	99% - 0%		1-5	95% - 0%	
Legrand	67083	[RLC] 3 - 400W	1-20	97% - 1%		1-20	97% - 1%		1-15	98% - 0%	
Legrand	L4402N	[R] 60-500W	2-20	98% - 38%		2-20	98% - 38%		1-20	95% - 24%	
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 - 200W(RC) 4-400W(RL)	1-20	97% - 9%		1-20	97% - 9%		1-15	92% - 5%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	2-15	98% - 0%		2-15	98% - 0%		1-10	95% - 0%	
Merten Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	98% - 15%		1-5	98% - 15%		1-3	95% - 9%	
MK - Electric	K1535	[R] 65 - 450 W - Turn	1-20	98% - 22%		1-20	98% - 22%		1-15	96% - 13%	
MK - Electric	K1501 WHILV	[R] 60 - 500 W - Turn	1-20	97% - 9%		1-20	97% - 9%		1-20	94% - 6%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-12	99% - 13%		1-12	99% - 13%		1-9	98% - 6%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-20	97% - 10%		1-20	97% - 10%		1-15	94% - 7%	
NIKO	310-0280X	[LED] 2 - 100 VA	1-20	97% - 0%		1-20	97% - 0%		1-20	95% - 0%	
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast	1-20	97% - 15%		1-20	97% - 15%		1-20	98% - 7%	
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn	1-20	97% - 15%		1-20	97% - 15%		1-20	98% - 7%	
Osram	HALOTRONIC HTI DALI 315 DIM+Dynamlite DDBC120-DALI	3W-200W, LED,Trailing	1-10	97% - 0%		1-10	99% - 0%		1-8	98% - 0%	
PEHA	431HAN	[RL] 6-120W [LED] 6-60W	1-15	98% - 19%		1-15	98% - 19%		1-10	94% - 10%	
Philips	UID8670	[LED] 2 - 100 VA-LED - Push (3wire)	1-20	98% - 3%		1-20	98% - 3%		1-20	96% - 1%	
RELCO	RP0977	[LED] 4-100W	1-20	98% - 27%		1-20	98% - 27%		1-20	96% - 17%	
RELCO	RM0545	[LED] 4-100W	1-20	97% - 7%		1-20	97% - 7%		1-20	96% - 2%	
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W	2-15	98% - 0%		2-15	98% - 0%		1-10	95% - 0%	
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)	1-20	97% - 9%		1-20	97% - 9%		1-15	92% - 5%	
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-5	98% - 15%		1-5	98% - 15%		1-3	95% - 9%	
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
VADSBO	VD300	[LED] 0 - 300VA - Turn	1-15	97% - 29%		1-15	97% - 29%		1-10	95% - 18%	
VADSBO	LDN200	0-200W,LED	1-10	95% - 0%		1-10	94% - 0%		1-8	96% - 0%	
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing	1-10	99% - 0%		1-10	99% - 0%		1-8	98% - 0%	
Varilight	HQ3W	[R] 60-400W	2-20	97% - 26%		2-20	97% - 26%		2-15	96% - 12%	
Varilight	MJP120	0-120W,LED	1-20	88% - 37%		1-20	99% - 48%		1-20	78% - 31%	
Varilight	JQP401W	0-120W,LED	1-20	46% - 0%		1-20	60% - 3%		1-20	34% - 2%	
Vimar	20148	[RL] 500W	2-20	98% - 13%		2-20	98% - 13%		1-20	96% - 4%	
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast	1-20	97% - 35%		1-20	97% - 35%		1-20	98% - 18%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading	1-20	97% - 33%		1-20	97% - 33%		1-20	96% - 16%	
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing	1-20	97% - 33%		1-20	97% - 33%		1-20	95% - 16%	
Philips Dynamlite	DDLE801	(100W per channel)	1-12	98% - 0%		1-12	98% - 0%		1-10	95% - 0%	
Philips Dynamlite	DDMC802 (913703243509)	(x W per channel)-leading	4-20	98% - 0%		4-20	98% - 0%		2-19	99% - 0%	
Philips Dynamlite	DDMC802 (913703243509)	(x W per channel)-Trailing	4-20	98% - 0%		4-20	98% - 0%		1-19	98% - 0%	
Zano	ZMO150	0W-150W,LED,Rot	1-8	54% - 0%		1-8	98% - 0%		1-5	94% - 0%	
Hager	WH104302	[LED, R, L, C] 3-90W LED	1-15	98%-11%							
Jung INSTA	1731DD	[LED, R, L, C] 3 - 400W - LED	1-15	98%-7%							

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

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

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 3.7-50W GU10 927 36D 9290042479		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-20	100%-7%		1-20	98%-0%		1-15	100%-0%	
1-20	100%-0%		1-20	100%-0%		1-15	99%-0%	
1-20	100%-1%		1-20	95%-0%		1-20	99%-1%	
1-20	100%-8%		1-20	97%-0%		1-20	100%-0%	
1-20	100%-0%		1-20	100%-0%		1-20	98%-0%	
1-20	100%-8%		1-20	99%-0%		1-20	100%-0%	
1-20	100%-0%		1-20	98%-0%		1-20	100%-0%	
1-20	100%-2%		1-20	99%-0%		1-20	99%-2%	
1-20	100%-0%		1-20	99%-0%		1-20	99%-2%	
1-20	100%-0%		1-20	95%-0%		1-20	100%-0%	
1-20	100%-0%		1-20	95%-0%		1-20	100%-0%	
1-20	99%-0%		1-20	90%-0%		1-20	99%-0%	
1-20	100%-8%		1-20	97%-0%		1-20	99%-0%	
1-20	100%-1%		1-20	98%-0%		1-15	99%-1%	
1-20	100%-8%		1-20	96%-0%		1-20	95%-0%	
1-20	100%-8%		1-20	96%-0%		1-20	95%-0%	
1-20	100%-0%		1-20	98%-0%		1-20	100%-0%	
1-20	100%-0%		1-20	95%-0%		1-20	91%-0%	
1-20	100%-0%		1-20	95%-0%		1-20	99%-0%	
1-20	100%-0%		1-20	100%-0%		1-20	100%-0%	
1-20	100%-8%		1-20	97%-0%		1-20	99%-0%	
1-20	100%-1%		1-20	98%-0%		1-15	100%-1%	
1-5	100%-8%		1-5	97%-0%		1-5	95%-0%	
1-20	100%-8%		1-20	97%-0%		1-20	99%-0%	
1-20	100%-6%		1-20	97%-0%		1-20	99%-0%	
1-20	100%-0%			N.A.	N.A.		N.A.	N.A.
1-20	100%-0%			N.A.	N.A.		N.A.	N.A.
1-20	100%-8%		1-20	100%-0%		1-15	99%-0%	
1-20	100%-0%		1-20	99%-0%		1-20	99%-0%	
1-20	100%-0%		1-20	100%-0%		1-20	100%-0%	
1-20	100%-4%		1-20	100%-0%		1-20	100%-0%	
1-20	100%-6%		1-20	97%-0%		1-20	99%-0%	
1-20	100%-6%		1-20	100%-0%		1-15	99%-0%	
1-8	100%-8%		1-8	97%-0%		1-5	99%-0%	
1-20	100%-1%		1-20	91%-0%		1-20	89%-1%	
1-20	100%-0%			N.A.	N.A.		N.A.	N.A.
1-20	100%-7%		1-20	97%-0%		1-20	99%-0%	
1-20	100%-1%		1-20	98%-0%		1-15	99%-1%	
1-5	100%-8%		1-5	97%-0%		1-5	95%-0%	
1-20	86%-8%		1-20	86%-9%		1-20	94%-7%	
1-20	100%-8%		1-20	86%-1%		1-20	100%-10%	
1-10	100%-8%		1-20	98%-0%		1-10	100%-10%	
1-20	99%-8%		5-20	88%-1%		1-20	85%-3%	
1-20	100%-5%		1-20	100%-0%		1-20	100%-0%	
1-20	100%-7%		1-20	98%-0%		1-20	99%-0%	
1-20	100%-7%		1-20	98%-0%		1-20	99%-0%	
1-20	100%-0%		1-20	100%-0%		1-20	99%-0%	
1-10	100%-8%		1-20	100%-0%		1-15	100%-0%	
1-20	100%-8%		1-20	99%-0%		1-20	100%-0%	
1-20	100%-0%		1-20	98%-0%		1-20	100%-0%	
1-20	100%-0%		1-20	99%-0%		1-20	96%-0%	
1-20	100%-1%		2-20	98%-0%		1-15	99%-1%	
1-20	100%-8%		1-20	97%-0%		1-20	99%-0%	
1-5	100%-8%		1-5	97%-0%		1-5	95%-0%	
1-20	100%-0%		1-20	90%-0%		1-20	99%-0%	
1-20	100%-0%		1-20	99%-0%		1-20	99%-0%	
1-20	100%-0%		1-20	97%-0%		1-20	99%-0%	
1-20	100%-0%		1-20	100%-0%		1-20	99%-0%	
1-20	100%-8%		1-20	99%-3%		1-20	97%-1%	
1-20	100%-0%			N.A.	N.A.		N.A.	N.A.
1-20	100%-0%			N.A.	N.A.		N.A.	N.A.
1-20	100%-8%		1-20	100%-0%		1-20	96%-0%	
1-20	100%-8%		1-20	100%-0%		1-20	100%-0%	
1-20	100%-0%		1-20	99%-0%		1-20	100%-0%	
1-20	100%-0%		1-20	99%-0%		1-20	100%-0%	
1-20	100%-0%		1-20	100%-0%		1-20	100%-0%	
1-20	100%-0%		1-20	100%-0%		1-20	100%-0%	
1-20	100%-0%		1-20	95%-0%		1-20	99%-0%	
1-20	100%-2%			N.A.	N.A.		N.A.	N.A.
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 below
	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								
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
			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 		
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 +Dynamalite 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.	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+Dynamalite 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%	

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 below
	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								
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
			CorePro LEDcapsuleMV 2.6-25W G9 827 D 9290023899			CorePro LEDcapsuleMV 4-40W G9 827 D 9290023900			CorePro LEDcapsuleMV 2.7-25W G9 827 D 9290037911		
			CorePro LEDcapsuleMV 2.6-25W G9 827 D UK 9290023899			CorePro LEDcapsuleMV 2.7-25W G9 827 D UK 9290037911			CorePro LEDcapsuleMV 2.7-25W G9 827 D UK 9290037911		
											
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 +Dynamalite 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+ Dynamalite 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 Dynamalite	DDLE801	(100W per channel)		N.A.	N.A.	1-12	95% - 0%		1-20	95%-0%	
Philips Dynamalite	DDMC802 (913703243509)	(x W per channel)-leading	1, 4-11	98% - 0%		3-20	90% - 0%	4-5	1-20	76%-0%	
Philips Dynamalite	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%							

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

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
1-18	98%-0%		1-15	97% - 0%		1-15	97% - 0%	
1-15	98%-0%		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1-19	99%-0%		1-15	97% - 0%		1-15	97% - 0%	
1-20	99%-0%		1-15	97% - 0%		1-15	97% - 0%	
1-20	97%-0%		1-15	98% - 0%		1-15	98% - 0%	
1-20	99%-0%		1-15	98% - 0%		1-15	98% - 0%	
1-20	99%-0%							
	N.A.	N.A.	1-15	97% - 0%		1-15	97% - 0%	
	N.A.	N.A.	1-15	97% - 0%		1-15	97% - 0%	
	N.A.	N.A.	1-15	96% - 0%		1-15	96% - 0%	
	N.A.	N.A.	1-15	97% - 0%		1-15	97% - 0%	
1-20	100%-0%		1-20	99% - 0%		1-20	99% - 0%	
1-20	99%-0%		1-15	99% - 0%		1-15	99% - 0%	
1-16	98%-0%		1-15	96% - 0%		1-15	96% - 0%	
1-20	98%-0%		1-15	97% - 0%		1-15	97% - 0%	
1-20	98%-0%		1-15	97% - 0%		1-15	97% - 0%	
1-20	91%-0%		1-15	96% - 0%		1-15	96% - 0%	
1-20	99%-0%		1-15	96% - 0%		1-15	96% - 0%	
1-20	99%-0%		1-15	95% - 0%		1-15	95% - 0%	
1-20	98%-0%		1-20	83% - 0%		1-20	98% - 0%	
1-20	99%-0%		1-15	99% - 0%		1-15	99% - 0%	
1-16	98%-0%		1-15	96% - 0%		1-15	96% - 0%	
1-5	99%-0%		1-5	96% - 0%		1-5	96% - 0%	
1-20	93%-0%		1-15	96% - 0%		1-15	96% - 0%	
1-20	99%-0%		1-15	98% - 0%		1-15	98% - 0%	
1-15	98%-0%		1-20	99% - 0%		1-20	98% - 0%	
1-20	99%-0%							
1-15	99%-0%		1-15	97% - 0%		1-15	97% - 0%	
1-20	99%-0%		1-15	95% - 0%		1-15	95% - 0%	
1-20	90%-0%		1-15	95% - 0%		1-15	95% - 0%	
1-20	94%-0%		1-15	97% - 0%		1-15	97% - 0%	
1-20	99%-0%		1-15	98% - 0%		1-15	98% - 0%	
1-15	98%-0%		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1-6	99%-0%		1-5	95% - 0%		1-5	95% - 0%	
1-20	99%-0%		1-15	97% - 0%		1-15	97% - 0%	
	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1-20	99%-0%		1-15	99% - 0%		1-15	99% - 0%	
1-16	98%-0%		1-15	96% - 0%		1-15	96% - 0%	
1-5	99%-0%		1-5	96% - 0%		1-5	96% - 0%	
1-20	99%-0%		1-15	89% - 0%		1-15	89% - 0%	
1-13	78%-0%		2-15	97% - 0%		2-15	97% - 0%	
1-9	96%-0%		1-10	96% - 0%		1-10	96% - 0%	
1-20	92%-0%		1-15	99% - 0%		1-15	99% - 0%	
1-20	99%-0%		1-15	96% - 0%		1-15	96% - 0%	
0%-86%	98%-0%		1-15	97% - 0%		1-15	97% - 0%	
0%-86%	98%-0%		1-15	97% - 0%		1-15	97% - 0%	
1-20	98%-0%		1-20	92% - 0%		1-20	98% - 0%	
1-15	99%-0%		1-10	96% - 0%		1-10	96% - 0%	
1-20	99%-0%		1-15	98% - 0%		1-15	98% - 0%	
1-5 max	80%-5%		1-15	99% - 0%		1-15	99% - 0%	
1-20	99%-0%		1-15	97% - 0%		1-15	97% - 0%	
1-16	98%-0%		1-15	96% - 0%		1-15	96% - 0%	
1-20	99%-0%		1-15	99% - 0%		1-15	99% - 0%	
1-5	99%-0%		1-8	96% - 0%		1-8	96% - 0%	
1-20	100%-0%		1-20	99% - 0%		1-20	99% - 0%	
1-20	98%-0%		1-10	96% - 0%		1-10	96% - 0%	
1-20	98%-0%		1-18	99% - 0%		1-20	99% - 0%	
1-20	96%-0%		1-20	88% - 0%		1-20	98% - 0%	
1-20	96%-0%		2-15	96% - 0%		2-15	96% - 0%	
1-20	99%-0%		1-20	99% - 0%		1-20	99% - 0%	
1-20	89%-0%		1-20	88% - 0%		1-20	99% - 0%	
1-20	95%-0%		1-15	96% - 0%		1-15	96% - 0%	
1-20	93%-0%		1-15	96% - 0%		1-15	96% - 0%	
1-20	99%-0%		1-15	96% - 0%		1-15	96% - 0%	
1-20	99%-0%		1-15	96% - 0%		1-15	96% - 0%	
1-20	99%-1%		1-11	98% - 0%		1-11	98% - 0%	
1-20	98%-0%		3-15	97% - 0%		3-15	97% - 0%	
1-20	98%-0%		1-15	99% - 0%		1-15	99% - 0%	
1-20	99%-0%		1-20	99% - 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 below
	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								
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
											
			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 6-50W 927 PAR20 25D 9290034857	MAS LEDspot VLE D 9.5-75W 930 PAR30S 25D 9290034855	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
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.	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 +Dynamalite 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+ Dynamalite 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 Dynamalite	DDLE801	(100W per channel)	1-4	99% - 0%		1-5	99% - 0%		1-8	99% - 0%	
Philips Dynamalite	DDMC802 (913703243509)	(x W per channel)-leading		N.A.	N.A.	5-10	100% - 0%			N.A.	N.A.
Philips Dynamalite	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									

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

LED Linear								
CoreProLED linearD 17.5-150W R75 118 830 9290020166			CorePro LED linear D 14-120W R75 118 830 9290013536			CorePro R75 118mm 14-100W 830 D 9290012437		
CoreProLED linearD 17.5-150W R75 118 840 9290020167			CorePro LED linear D 14-120W R75 118 840 9290013537			CorePro R75 118mm 14-100W 840 D 9290012438		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1	99% - 15%		1-5	95% - 2%		1-5	95% - 2%	
1-3	98% - 10%		1-3	94% - 0%		1-3	94% - 0%	
	N.A.	N.A.	1-5	93% - 0%		1-5	93% - 0%	
1-7	97% - 0%		1-8	94% - 0%		1-8	94% - 0%	
1-7	96% - 17%		1-8	98% - 6%		1-8	98% - 6%	
1-2	96% - 25%		1-5	93% - 7%		1-5	93% - 7%	
1-6	98% - 0%		1-20	96% - 7%		1-8	100%-0%	
1-6	97% - 10%		1-5	94% - 0%		1-5	94% - 0%	
1-6	97% - 3%		1-5	93% - 0%		1-5	93% - 0%	
1-20	95% - 1%		1-8	92% - 0%		1-8	92% - 0%	
1-20	95% - 1%		1-8	93% - 0%		1-8	93% - 0%	
1-20	99% - 9%		1-20	99% - 1%		1-20	98% - 1%	
1-5	99% - 16%		1-6	98% - 3%		1-6	98% - 3%	
1-4	95% - 3%		1-5	97% - 0%		1-5	97% - 0%	
1-7	98% - 16%		1-8	93% - 0%		1-8	93% - 0%	
1-7	98% - 16%		1-8	93% - 0%		1-8	93% - 0%	
1-5	96% - 1%		1-5	93% - 0%		1-5	93% - 0%	
1-11	98% - 0%		1-8	95% - 0%		1-8	95% - 0%	
1-11	98% - 5%		1-8	93% - 0%		1-8	93% - 0%	
1-20	99% - 0%		1-20	99% - 0%		1-20	97% - 0%	
1-5	99% - 16%		1-6	98% - 3%		1-6	98% - 3%	
1-4	95% - 3%		1-5	97% - 0%		1-5	97% - 0%	
1	98% - 15%		1-1	94% - 0%		1-1	94% - 0%	
1-5	97% - 24%		1-6	93% - 0%		1-6	93% - 0%	
1-6	96% - 7%		1-5	93% - 0%		1-5	93% - 0%	
1-9	98% - 11%		1-20	98% - 0%		1-20	99% - 1%	
1-20	98% - 0%		1-20	95% - 0%		1-20	97% - 0%	
1-5	98% - 1%		1-7	97% - 0%		1-8	100%-0%	
1-3	95% - 3%		1-3	97% - 0%		1-3	97% - 0%	
1-6	96% - 1%		1-5	93% - 0%		1-5	93% - 0%	
1-6	98% - 5%		1-5	93% - 0%		1-5	93% - 0%	
1-6	98% - 10%		1-5	93% - 0%		1-5	93% - 0%	
1-6	96% - 7%		1-5	93% - 0%		1-5	93% - 0%	
1-3	98% - 10%		1-3	94% - 0%		1-3	94% - 0%	
1	97% - 29%		1-2	93% - 0%		1-2	93% - 0%	
1-5	97% - 4%		1-5	93% - 0%		1-5	93% - 0%	
1-6	98% - 44%		1-5	93% - 0%		1-5	93% - 0%	
1-5	99% - 16%		1-5	98% - 3%		1-5	98% - 3%	
1-4	95% - 3%		1-5	97% - 0%		1-5	97% - 0%	
1	98% - 15%		1	94% - 0%		1	94% - 0%	
2-5	98% - 18%		1-5	94% - 4%		1-5	94% - 4%	
1-6	98% - 17%		1-5	95% - 11%		1-5	95% - 11%	
1-2	98% - 12%		1-3	100% - 1%		1-3	100% - 1%	
1-4	99% - 18%		1-5	99% - 8%		1-5	99% - 8%	
1-6	98% - 1%		1-5	97% - 0%		1-5	97% - 0%	
1-11	98% - 0%		1-8	93% - 0%		1-8	93% - 0%	
1-11	98% - 0%		1-8	93% - 0%		1-8	93% - 0%	
1-20	95% - 0%		1-20	99% - 0%		1-20	97% - 0%	
1-3	98% - 12%		1-3	93% - 0%		1-3	93% - 0%	
1-2	96% - 25%		1-5	93% - 0%		1-5	93% - 0%	
	N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
	N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
1-4	95% - 3%		1-5	97% - 0%		1-5	97% - 0%	
1-5	99% - 16%		1-6	98% - 3%		1-6	98% - 3%	
1	98% - 15%		1	94% - 0%		1	94% - 0%	
1-20	99% - 9%		1-20	99% - 1%		1-20	98% - 1%	
1-3	98% - 0%		1-4	93% - 0%		1-4	93% - 0%	
1-13	96% - 0%		1-17	88% - 0%		1-19	97% - 0%	
1-20	97% - 0%		1-14	86% - 0%		1-17	96% - 0%	
1-5	98% - 18%		1-5	94% - 20%		1-5	94% - 20%	
1-20	98% - 0%		1-20	94% - 0%		1-20	97% - 0%	
1-20	96% - 0%		1-20	99% - 0%		1-20	97% - 0%	
1-6	98% - 20%		1-5	93% - 0%		1-5	93% - 0%	
1-11	98% - 29%		1-8	93% - 0%		1-8	93% - 0%	
1-11	99% - 1%		1-8	93% - 0%		1-8	93% - 0%	
1-11	98% - 0%		1-5	95% - 0%		1-5	95% - 0%	
1-3	98% - 0%		1-3	100% - 0%		1-3	100% - 0%	
4-5	99% - 0%		2	99% - 0%		2	99% - 0%	
2-5	99% - 0%		1-7	99% - 0%		1-7	99% - 0%	
1-15	96% - 0%		1-20	93% - 0%		1-20	99% - 0%	
			1-5	99%-2%				
			1-20	100% - 1%				

Notes

- 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.
 - 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.
 - LED dimmers can be loaded up to the specified maximum dimmer power (Wattage).
- Always study the packaging of LED light sources if these can be used in combination with occupancy/motion sensors.
- "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.
- "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.
- Various dimmer suppliers offer "active loads" to optimize dimming performance in case of light source-dimmer system issues. (e.g. Busch Jaeger Compensator 6596).
- 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.
- 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.
- In general Philips dimmable LED light sources can be dimmed with any type of dimmer (type R, RL, RC or RLC).
- Mixed loads may give unexpected dimming behavior or even result in defects, for which Philips / Signify cannot be held responsible.
- 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.
- The information contained here is believed to be accurate at the time it was published, but is provided "AS IS".
- The DALI dimmer test data is with Dynalite DDBC120-DALI controller under limited conditions. Signify reserves the rights to the final explanation.

