

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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			LED Bulb								
			MAS VLE LEDBulb DT3.4-40W E27 927A60C 9290030099 MAS LEDBulbDT3.4-40W E27 927 A60 FR 9290030100 MAS VLELEDBulbDT3.4-40W B22 927A60CL 9290030101 MAS VLE LEDBulb 3.4-40W B22 A60 927FR 9290030102			MAS VLE LEDBulbDT5.9-60W E27 927A60CL G 9290030103 MAS LEDBulb DT5.9-60W E27 927 A60 FR G 9290030104 MAS VLE LEDBulb DT5.9-60W B22 927A60CL G 9290030105 MAS VLE LEDBulbDT5.9-60W B22 A60 927FR G 9290030106 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			MAS VLE LEDBulb DT7.2-75W E27 927A60CL G 9290030111 MAS VLE LEDBulb DT7.2-75W B22 927A60CL G 9290030112 MAS LEDBulb DT7.2-75W E27 927 A60 FR G 9290030113 MAS VLE LEDBulbDT7.2-75W B22 A60 927 FR G 9290030114		
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC] 20 ~ 360 W - Turn	5-15	100% - 0%		1-12	99% - 0%		■	N.A.	N.A.
Berker INSTA	283010	[R] 60 ~ 400 W - Turn									
Bticino	L4407	[] 60 ~ 250 W									
Busch Jaeger ABB	2200 U - 503	[R] 60 ~ 400 W - Turn	■	N.A.	N.A.	1-13	97% - 0%		1-4	96% - 0%	
Busch Jaeger ABB	2247 U	[R L] 20 ~ 500 W - Turn	1-15	98% - 0%		1-17	95% - 0%		1-4	96% - 0%	
Busch Jaeger ABB	2250 U	[R] 60 ~ 600 W - Turn	1-15	96% - 0%		1-15	99% - 0%		1-4	97% - 0%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-15	97% - 0%		1-8	98% - 0%		1-4	97% - 0%	
Busch Jaeger ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-15	96% - 0%		1-17	97% - 0%		1-4	96% - 0%	
Busch Jaeger ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)									
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)									
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W	1-15	98% - 0%		1-3	99% - 0%		1-4	98% - 0%	
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W									
Eltako	EVD61NPN-UC	400W 3-wire Push Module									
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)									
Feller Schneider	40300 (SBD315)	[RLC] 300W									
Feller Schneider	40420 (SBD420)	[RLC] 420W									
GIRA	1176-00/01	[RLC] 50 ~ 420W									
GIRA	2390 00/ 100	[LED] 7 ~ 100W - Push (3wire)									
Hager	EVN 011	[RC] 300VA									
Hager	EVN 012	[RC] 300W									
Hager	EVN 004	[RL] 500VA									
Jung	225 TDE	[RC] 20 ~ 525 W - Turn	15	97% - 0%		1-18	98% - 0%		1-4	96% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)									
Klik aan Klik uit	AWMD-250	[LED] 3-24W									
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer									
Legrand	774161	[RL] 40 ~ 400 W - Turn									
Legrand	78401	[RLC] 40 ~ 500W									
Legrand	67081	[RL] 40 ~ 400 W - Turn									
Legrand	67082	[RL] 40 ~ 600 W - Turn									
Legrand	67083	[RLC] 3 ~ 400W									
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	1-15	99% - 0%		1-13	99% - 0%		1-4	96% - 0%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)									
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	1-15	98% - 0%		1-3	99% - 0%		1-4	98% - 0%	
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA	1-15	97% - 0%		1-14	99% - 0%		1-4	98% - 0%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-15	100% - 0%		1-15	99% - 0%		1-4	97% - 0%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-15	99% - 0%		1-17	99% - 0%		1-4	96% - 0%	
MK - Electric	K4501 WHILV	[RLC] 180W									
MK - Electric	K4500 WHILV	[RLC] 400W									
NIKO	310-0280X	[LED] 2 ~100 VA									
PEHA	431HAN	[RL] 6-120W [LED] 6-60W									
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-15	96% - 0%		1-17	97% - 0%		1-4	96% - 0%	
RELCO	RP0977	[LED] 4-100W									
RELCO	RM0545	[LED] 4-100W	1-15	98% - 0%		1-16	99% - 0%		1-4	97% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W	1-15	98% - 0%		1-3	99% - 0%		1-4	98% - 0%	
Schneider	SBD315RC (ATD315(CCT011533))	[RC] 315W	1-15	98% - 0%		1-3	99% - 0%		1-4	98% - 0%	
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)									
Schneider	SBD315RC (SBD 315)	[RC] 315W	1-15	98% - 0%		1-3	99% - 0%		1-4	98% - 0%	
VADSBO	ED 350	[RC] 50 ~350W									
VADSBO	DRS 315	[RC] 50 ~315W									
VADSBO	DU 250	[RC] 20 ~250W									
Varilight	HQ3W	[R] 60-400W	1-15	99% - 0%		3-15	97% - 0%		1-4	96% - 0%	
Varilight	ICT401 M	[RC] 20-400W									
Vimar	20148	[RL] 500W									
Vimar	14153	[R]									
Vimar	20160	[RC]									
Vimar	20162	[RL] 40-300W									
IKEA	E0902 - Dim	[R] 25-150W									
Philips Dynalite	DDLE801	(100W per channel)									
Philips Dynalite	DDTM102 Module	(460 W per channel)									

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KEY

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

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			LED Bulb			Led Candle					
			MAS VLE LEDBulbDT10.5-100W E27 927A60CLG 9290030115 MAS LEDBulb DT10.5-100W E27 927A60 FR G 9290030117			MAS VLE LEDCandleDT2.5-25W E14 B35CL G 9290030119 MAS VLE LEDLusterDT2.5-25W E14 927P45CLG 9290030120 MAS VLE LEDLusterDT2.5-25W E27 927P45CLG 9290030121			MAS VLE LEDCandleDT3.4-40W E14 927B35CLG 9290030122 MAS VLE LEDCandleDT3.4-40W E27 927B35CLG 9290030123 MAS VLE LEDCandleDT3.4-40W B22 927B35CLG 9290030124 MAS VLE LEDCandleDT3.4-40W B15 927B35CLG 9290030125 MAS VLE LEDCandleDT3.4-40W E14927BA35CLG 9290030130 MAS VLE LEDLusterDT3.4-40W E14 927P45CLG 9290030131 MAS VLE LEDLusterDT3.5-40W E27 927P45CLG 9290030132		
											
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC] 20 ~ 360 W - Turn		N.A.	N.A.	1-20	98% - 0%		1-20	97% - 0%	
Berker INSTA	283010	[R] 60 ~ 400 W - Turn									
Bticino	L4407	[] 60 ~ 250 W									
Busch Jaeger ABB	2200 U - 503	[R] 60 ~ 400 W - Turn	1-8	96% - 41%		2-9	43% - 0%		2-20	96% - 0%	
Busch Jaeger ABB	2247 U	[R L] 20 ~ 500 W - Turn	1-10	97% - 0%		1-20	97% - 0%		1-20	96% - 0%	
Busch Jaeger ABB	2250 U	[R] 60 ~ 600 W - Turn	1-11	98% - 0%			N.A.	N.A.	1-20	96% - 0%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-8	96% - 14%		1-20	98% - 0%		1-20	97% - 0%	
Busch Jaeger ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-10	99% - 9%		1-20	98% - 0%		1-20	92% - 0%	
Busch Jaeger ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)									
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)									
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W	1-6	98% - 3%		1-20	96% - 0%		1-18	97% - 0%	
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W									
Ettako	EVD6INPN-UC	400W 3-wire Push Module									
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)									
Feller Schneider	40300 (SBD315)	[RLC] 300W									
Feller Schneider	40420 (SBD420)	[RLC] 420W									
GIRA	1176-00/01	[RLC] 50 ~ 420W									
GIRA	2390 00/ 100	[LED] 7 ~ 100W - Push (3wire)									
Hager	EVN 011	[RC] 300VA									
Hager	EVN 012	[RC] 300W									
Hager	EVN 004	[RL] 500VA									
Jung	225 TDE	[RC] 20 ~ 525 W - Turn	1-10	97% - 14%		1-20	98% - 0%		1-20	98% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)									
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W									
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer									
Legrand	774161	[RL] 40 ~ 400 W - Turn									
Legrand	78401	[RLC] 40 ~ 500W									
Legrand	67081	[RL] 40 ~ 400 W - Turn									
Legrand	67082	[RL] 40 ~ 600 W - Turn									
Legrand	67083	[RLC] 3 ~ 400W									
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	1-8	95% - 0%			N.A.	N.A.	10-20	95% - 0%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)									
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	1-6	98% - 3%		1-20	96% - 0%		1-18	97% - 0%	
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA	2-8	99% - 12%		1-20	96% - 0%		1-20	97% - 0%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-9	98% - 13%		1-20	98% - 0%		1-20	92% - 0%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-10	99% - 14%		1-20	80% - 0%		1-20	99% - 0%	
MK - Electric	K4501 WHILV	[RLC] 180W									
MK - Electric	K4500 WHILV	[RLC] 400W									
NIKO	310-0280X	[LED] 2 ~100 VA									
PEHA	431HAN	[RL] 6-120W [LED] 6-60W									
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-10	99% - 9%		1-20	98% - 0%		1-20	92% - 0%	
RELCO	RP0977	[LED] 4-100W							1-17	96% - 0%	
RELCO	RM0545	[LED] 4-100W		N.A.	N.A.	1-20	98% - 0%		1-20	98% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W	1-6	98% - 3%		1-20	96% - 0%		1-18	97% - 0%	
Schneider	SBD315RC (ATD315)(CCTO11533)	[RC] 315W	1-6	98% - 3%		1-20	96% - 0%		1-18	97% - 0%	
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)									
Schneider	SBD315RC (SBD 315)	[RC] 315W	1-6	98% - 3%		1-20	96% - 0%		1-18	97% - 0%	
VADSBO	ED 350	[RC] 50 ~350W									
VADSBO	DRS 315	[RC] 50 ~315W									
VADSBO	DU 250	[RC] 20 ~250W									
Varilight	HQ3W	[R] 60-400W	1-8	98% - 19%			N.A.	N.A.	2-20	97% - 0%	
Varilight	ICT401 M	[RC] 20-400W									
Vimar	20148	[RL] 500W									
Vimar	14153	[R]									
Vimar	20160	[RC]									
Vimar	20162	[RL] 40-300W									
IKEA	E0902 - Dim	[R] 25-150W									
Philips Dynalite	DDLE801	(100W per channel)									
Philips Dynalite	DDTM102 Module	(460 W per channel)									

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

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			LED Bulb			LED Spot			LED Bulb		
			MAS VLE LEDBulbDT10.5-100W B22 927A60CLG 9290030116 MAS VLE LEDBulbD10.5-100W B22 A60 927FRG 9290030118			CorePro LEDspot 3-35W GU10 840 36D DIM 9290020656 CorePro LEDspot 3-35W GU10 830 36D DIM 9290020682 CorePro LEDspot 3-35W GU10 827 36D DIM 9290024958			MAS VLE LEDBulbD7.2-50W E27 A60 927 CM G 9290024128		
											
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC] 20 ~ 360 W - Turn	1-7	99% - 18%		1-5	96% - 15%		1-10	98% - 0%	
Berker INSTA	283010	[R] 60 ~ 400 W - Turn				1-5	98% - 32%		3-11	100% - 0%	
Bticino	L4407	[] 60 ~ 250 W									
Busch Jaeger ABB	2200 U - 503	[R] 60 ~ 400 W - Turn	1-3	98% - 7%		1-5	96% - 23%		2-11	99% - 0%	
Busch Jaeger ABB	2247 U	[R L] 20 ~ 500 W - Turn	1-3	90% - 0%		1-5	96% - 4%		1-14	97% - 0%	
Busch Jaeger ABB	2250 U	[R] 60 ~ 600 W - Turn		N.A.	N.A.	1-5	97% - 2%		1-17	99% - 0%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn		N.A.	N.A.	1-5	99% - 34%		1-12	98% - 0%	
Busch Jaeger ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-10	98% - 0%		1-5	85% - 7%				
Busch Jaeger ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)									
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)									
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W	1-6	99% - 8%		1-5	97% - 19%		1-9	97% - 0%	
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W									
Ettako	EVD61NPN-UC	400W 3-wire Push Module									
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)									
Feller Schneider	40300 (SBD315)	[RLC] 300W									
Feller Schneider	40420 (SBD420)	[RLC] 420W									
GIRA	1176-00/01	[RLC] 50 ~ 420W									
GIRA	2390 00/ 100	[LED] 7 ~ 100W - Push (3wire)									
Hager	EVN 011	[RC] 300VA									
Hager	EVN 012	[RC] 300W									
Hager	EVN 004	[RL] 500VA									
Jung	225 TDE	[RC] 20 ~ 525 W - Turn	1-11	98% - 22%		1-5	98% - 34%		1-15	98% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)									
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W									
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer									
Legrand	774161	[RL] 40 ~ 400 W - Turn									
Legrand	78401	[RLC] 40 ~ 500W									
Legrand	67081	[RL] 40 ~ 400 W - Turn									
Legrand	67082	[RL] 40 ~ 600 W - Turn									
Legrand	67083	[RLC] 3 ~ 400W									
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	1-8	99% - 0%		1-5	98% - 0%		1-14	100% - 0%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)									
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	1-6	99% - 8%		1-5	97% - 19%		1-9	97% - 0%	
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA		N.A.	N.A.		N.A.	N.A.	1-12	97% - 0%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-9	96% - 4%		1-5	83% - 11%		3-13	99% - 0%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-10	99% - 5%		1-5	79% - 14%		2-14	99% - 0%	
MK - Electric	K4501 WHILV	[RLC] 180W									
MK - Electric	K4500 WHILV	[RLC] 400W									
NIKO	310-0280X	[LED] 2 ~ 100 VA									
PEHA	431HAN	[RL] 6-120W [LED] 6-60W									
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-10	98% - 0%		1-5	85% - 7%				
RELCO	RP0977	[LED] 4-100W					N.A.	N.A.			
RELCO	RM0545	[LED] 4-100W	1-10	97% - 7%		1-5	95% - 19%		1-14	99% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W	1-6	99% - 8%		1-5	97% - 19%		1-9	97% - 0%	
Schneider	SBD315RC (ATD315)(CCTO11533)	[RC] 315W	1-6	99% - 8%		1-5	97% - 19%		1-9	97% - 0%	
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)									
Schneider	SBD315RC (SBD 315)	[RC] 315W	1-6	99% - 8%		1-5	97% - 19%		1-9	97% - 0%	
VADSBO	ED 350	[RC] 50 ~ 350W									
VADSBO	DRS 315	[RC] 50 ~ 315W									
VADSBO	DU 250	[RC] 20 ~ 250W									
Varilight	HQ3W	[R] 60-400W	1	99% - 4%			N.A.	N.A.	2-11	99% - 0%	
Varilight	ICT401 M	[RC] 20-400W									
Vimar	20148	[RL] 500W									
Vimar	14153	[R]									
Vimar	20160	[RC]									
Vimar	20162	[RL] 40-300W									
IKEA	E0902 - Dim	[R] 25-150W									
Philips Dynalite	DDLE801	(100W per channel)									
Philips Dynalite	DDTM102 Module	(460 W per channel)									

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			LED Spot								
			CorePro LEDspot 4-50W GU10 827 36D DIM 9290024959			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 D 4.8-50W GU10 927 36D 9290029801		
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC] 20 ~ 360 W - Turn	1-5	98% - 27%		2-5	96% - 22%		2-5	99% - 16%	
Berker INSTA	283010	[R] 60 ~ 400 W - Turn	1-5	97% - 14%		2-4	95% - 27%		2-5	98% - 1%	
Bticino	L4407	[] 60 ~ 250 W									
Busch Jaeger ABB	2200 U - 503	[R] 60 ~ 400 W - Turn	1-5	98% - 26%		2-5	96% - 40%		2-5	96% - 30%	
Busch Jaeger ABB	2247 U	[R L] 20 ~ 500 W - Turn	1-5	94% - 5%		2-5	95% - 0%		2-5	97% - 0%	
Busch Jaeger ABB	2250 U	[R] 60 ~ 600 W - Turn	1-5	96% - 1%		2-5	99% - 4%		2-5	97% - 1%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-5	99% - 27%		2-5	96% - 13%		2-5	99% - 11%	
Busch Jaeger ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-5	91% - 6%		2-5	99% - 1%		2-5	99% - 0%	
Busch Jaeger ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)									
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)				2-5	97% - 17%		2-5	97% - 0%	
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W	1-5	97% - 16%							
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W									
Ettako	EVD61NPN-UC	400W 3-wire Push Module									
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)				2-5	97% - 17%		2-5	97% - 0%	
Feller Schneider	40300 (SBD315)	[RLC] 300W									
Feller Schneider	40420 (SBD420)	[RLC] 420W									
GIRA	1176-00/01	[RLC] 50 ~ 420W									
GIRA	2390 00/ 100	[LED] 7 ~ 100W - Push (3wire)									
Hager	EVN 011	[RC] 300VA									
Hager	EVN 012	[RC] 300W									
Hager	EVN 004	[RL] 500VA									
Jung	225 TDE	[RC] 20 ~ 525 W - Turn	1-5	99% - 29%		2-5	95% - 19%		2-5	99% - 12%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)									
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W									
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer									
Legrand	774161	[RL] 40 ~ 400 W - Turn									
Legrand	78401	[RLC] 40 ~ 500W									
Legrand	67081	[RL] 40 ~ 400 W - Turn									
Legrand	67082	[RL] 40 ~ 600 W - Turn									
Legrand	67083	[RLC] 3 ~ 400W									
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	1-5	100% - 18%		2-5	96% - 0%		2-5	97% - 0%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)									
Legrand	L4402N	[R] 60-500W									
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)				2-5	97% - 17%		2-5	97% - 0%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-5	97% - 16%							
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA	3-5	98% - 28%		2-5	96% - 9%		2-5	93% - 4%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-5	85% - 11%		2-5	99% - 21%		2-5	98% - 12%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-5	90% - 16%		2-5	100% - 11%		2-5	98% - 8%	
MK - Electric	K4501 WHILV	[RLC] 180W									
MK - Electric	K4500 WHILV	[RLC] 400W									
NIKO	310-0280X	[LED] 2 ~ 100 VA									
PEHA	431HAN	[RL] 6-120W [LED] 6-60W									
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-5	91% - 6%		2-5	99% - 1%		2-5	99% - 0%	
RELCO	RP0977	[LED] 4-100W	1-5	100% - 8%							
RELCO	RM0545	[LED] 4-100W	1-5	93% - 0%		2-5	100% - 0%		2-5	99% - 6%	
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W	1-5	97% - 16%							
Schneider	SBD315RC (ATD315)(CCTO11533)	[RC] 315W	1-5	97% - 16%							
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)									
Schneider	SBD315RC (SBD 315)	[RC] 315W	1-5	97% - 16%							
VADSBO	ED 350	[RC] 50 ~ 350W									
VADSBO	DRS 315	[RC] 50 ~ 315W									
VADSBO	DU 250	[RC] 20 ~ 250W									
Varilight	HQ3W	[R] 60-400W	1-5	97% - 16%		2-5	99% - 21%		2-5	98% - 16%	
Varilight	ICT401 M	[RC] 20-400W									
Vimar	20148	[RL] 500W									
Vimar	14153	[R]									
Vimar	20160	[RC]									
Vimar	20162	[RL] 40-300W									
IKEA	E0902 - Dim	[R] 25-150W									
Philips Dynalite	DDL801	(100W per channel)									
Philips Dynalite	DDTM102 Module	(460 W per channel)									

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

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			LED Bulb			LED Candle			LED Spot		
			MAS VLE LEDBulbD4-25W E27 A60 GOLD SP G 9290029828 MAS VLE LEDBulbD4-25W E27 ST64 GOLD SP G 9290029829 MAS VLE LEDBulbD4-25W E27 T32 GOLD SP G 9290029831 MAS VLE LEDBulbD4-15WE27 G93GOLD SP G 929002983002			MAS VLE LEDCandle2.5-15WE14 B35GOLDSP G 9290029832 MAS VLE LEDLusterD 2.6-15W E14 P45 SP G 9290029833 MAS VLE LEDBulbD 2.6-15W E27 GOLDP45SP G 9290029834			MAS LEDspot VLE D 4.7-50W GU10 82736D5CT 9290029954 MAS LEDspot VLE D 4.7-50W GU10 83036D5CT 9290029955		
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC] 20 ~ 360 W - Turn	1-10	97% - 0%		1-10	87% - 0%				
Berker INSTA	283010	[R] 60 ~ 400 W - Turn	1-10	100% - 0%		1-10	97% - 0%				
Bticino	L4407	[] 60 ~ 250 W									
Busch Jaeger ABB	2200 U - 503	[R] 60 ~ 400 W - Turn	2-10	97% - 0%		2-10	71% - 0%		1-17	99% - 31%	
Busch Jaeger ABB	2247 U	[R L] 20 ~ 500 W - Turn	1-10	100% - 0%		1-10	96% - 0%		1-20	99% - 12%	
Busch Jaeger ABB	2250 U	[R] 60 ~ 600 W - Turn	2-10	100% - 0%		2-10	99% - 0%		1-20	99% - 0%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	2-10	98% - 8%		2-10	95% - 0%		1-18	99% - 25%	
Busch Jaeger ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-10	100% - 0%		1-10	99% - 0%		1-20	99% - 0%	
Busch Jaeger ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)									
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1-10	99% - 0%		1-10	89% - 0%				
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W									
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W							1-13	98% - 13%	
Ettako	EVD6INPN-UC	400W 3-wire Push Module									
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1-10	99% - 0%		1-10	89% - 0%				
Feller Schneider	40300 (SBD315)	[RLC] 300W									
Feller Schneider	40420 (SBD420)	[RLC] 420W									
GIRA	1176-00/01	[RLC] 50 ~ 420W									
GIRA	2390 00/ 100	[LED] 7 ~ 100W - Push (3wire)									
Hager	EVN 011	[RC] 300VA									
Hager	EVN 012	[RC] 300W									
Hager	EVN 004	[RL] 500VA									
Jung	225 TDE	[RC] 20 ~ 525 W - Turn	1-10	98% - 0%		1-10	85% - 0%				
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)									
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W									
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer									
Legrand	774161	[RL] 40 ~ 400 W - Turn									
Legrand	78401	[RLC] 40 ~ 500W									
Legrand	67081	[RL] 40 ~ 400 W - Turn									
Legrand	67082	[RL] 40 ~ 600 W - Turn									
Legrand	67083	[RLC] 3 ~ 400W									
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	1-10	99% - 0%		1-10	98% - 0%		1-17	96% - 0%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)									
Legrand	L4402N	[R] 60-500W									
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1-10	99% - 0%		1-10	89% - 0%				
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W							1-13	98% - 13%	
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA	1-2	98% - 0%		1-2	96% - 0%				
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	2-10	100% - 0%		2-10	100% - 0%		1-19	87% - 19%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	2-10	100% - 0%		2-10	100% - 0%				
MK - Electric	K4501 WHILV	[RLC] 180W									
MK - Electric	K4500 WHILV	[RLC] 400W									
NIKO	310-0280X	[LED] 2 ~ 100 VA									
PEHA	431HAN	[RL] 6-120W [LED] 6-60W									
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-10	100% - 0%		1-10	99% - 0%		1-20	99% - 0%	
RELCO	RP0977	[LED] 4-100W									
RELCO	RM0545	[LED] 4-100W	1-10	100% - 0%		1-10	98% - 0%		1-20	97% - 16%	
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W							1-13	98% - 13%	
Schneider	SBD315RC (ATD315)(CCTO11533)	[RC] 315W							1-13	98% - 13%	
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)									
Schneider	SBD315RC (SBD 315)	[RC] 315W							1-13	98% - 13%	
VADSBO	ED 350	[RC] 50 ~ 350W									
VADSBO	DRS 315	[RC] 50 ~ 315W									
VADSBO	DU 250	[RC] 20 ~ 250W									
Varilight	HQ3W	[R] 60-400W	2-10	100% - 0%		2-10	99% - 0%		2-17	98% - 18%	
Varilight	ICT401 M	[RC] 20-400W									
Vimar	20148	[RL] 500W									
Vimar	14153	[R]									
Vimar	20160	[RC]									
Vimar	20162	[RL] 40-300W									
IKEA	E0902 - Dim	[R] 25-150W									
Philips Dynalite	DDLE801	(100W per channel)									
Philips Dynalite	DDTM102 Module	(460 W per channel)									

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

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			LED Spot								
			CoreProLEDspot D8.5-100W R80 E27 827 36D 9290029969			CorePro LEDspot 4-50W GU10 830 36D DIM 9290020683 CorePro LEDspot 4-50W GU10 840 36D DIM 9290020658			MAS LED spot VLE DT 3.7-35W GU10 927 36D 9290029797		
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC] 20 ~ 360 W - Turn	1-5	98% - 20%		1-5	98% - 27%		2-5	97% - 8%	
Berker INSTA	283010	[R] 60 ~ 400 W - Turn	1-5	98% - 23%		1-5	97% - 14%		2-5	100% - 9%	
Bticino	L4407	[] 60 ~ 250 W									
Busch Jaeger ABB	2200 U - 503	[R] 60 ~ 400 W - Turn	1-5	98% - 35%		1-5	98% - 26%		2-5	98% - 14%	
Busch Jaeger ABB	2247 U	[R L] 20 ~ 500 W - Turn	1-5	98% - 0%		1-5	94% - 5%		2-5	100% - 0%	
Busch Jaeger ABB	2250 U	[R] 60 ~ 600 W - Turn	1-5	99% - 0%		1-5	96% - 1%		2-5	99% - 2%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-5	98% - 14%		1-5	99% - 27%		2-5	98% - 7%	
Busch Jaeger ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-5	98% - 0%		1-5	91% - 6%		2-5	100% - 0%	
Busch Jaeger ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)									
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1-5	98% - 18%		1-5	97% - 28%		2-5	98% - 8%	
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W				1-5	97% - 16%				
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W									
Ettako	EVD61NPN-UC	400W 3-wire Push Module									
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1-5	98% - 18%		1-5	97% - 28%		2-5	98% - 8%	
Feller Schneider	40300 (SBD315)	[RLC] 300W									
Feller Schneider	40420 (SBD420)	[RLC] 420W									
GIRA	1176-00/01	[RLC] 50 ~ 420W									
GIRA	2390 00/ 100	[LED] 7 ~ 100W - Push (3wire)									
Hager	EVN 011	[RC] 300VA									
Hager	EVN 012	[RC] 300W									
Hager	EVN 004	[RL] 500VA									
Jung	225 TDE	[RC] 20 ~ 525 W - Turn	1-5	98% - 17%		1-5	99% - 29%		2-5	99% - 7%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)									
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W									
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer									
Legrand	774161	[RL] 40 ~ 400 W - Turn									
Legrand	78401	[RLC] 40 ~ 500W									
Legrand	67081	[RL] 40 ~ 400 W - Turn									
Legrand	67082	[RL] 40 ~ 600 W - Turn									
Legrand	67083	[RLC] 3 ~ 400W									
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	1-5	99% - 5%		1-5	100% - 18%		2-5	100% - 0%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)									
Legrand	L4402N	[R] 60-500W									
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1-5	98% - 18%		1-5	97% - 28%		2-5	98% - 8%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W				1-5	97% - 16%				
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA	1-5	98% - 2%		3-5	98% - 28%		2-5	99% - 3%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-5	97% - 15%		1-5	85% - 11%		2-5	99% - 8%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-5	98% - 7%		1-5	90% - 16%		2-5	100% - 4%	
MK - Electric	K4501 WHILV	[RLC] 180W									
MK - Electric	K4500 WHILV	[RLC] 400W									
NIKO	310-0280X	[LED] 2 ~ 100 VA									
PEHA	431HAN	[RL] 6-120W [LED] 6-60W									
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-5	98% - 0%		1-5	91% - 6%		2-5	100% - 0%	
RELCO	RP0977	[LED] 4-100W				1-5	100% - 8%				
RELCO	RM0545	[LED] 4-100W	1-5	99% - 0%		1-5	93% - 0%		2-5	100% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W				1-5	97% - 16%				
Schneider	SBD315RC (ATD315)(CCTO11533)	[RC] 315W				1-5	97% - 16%				
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)									
Schneider	SBD315RC (SBD 315)	[RC] 315W				1-5	97% - 16%				
VADSBO	ED 350	[RC] 50 ~ 350W									
VADSBO	DRS 315	[RC] 50 ~ 315W									
VADSBO	DU 250	[RC] 20 ~ 250W									
Varilight	HQ3W	[R] 60-400W	1-5	98% - 16%		1-5	97% - 16%		2-5	100% - 8%	
Varilight	ICT401 M	[RC] 20-400W									
Vimar	20148	[RL] 500W									
Vimar	14153	[R]									
Vimar	20160	[RC]									
Vimar	20162	[RL] 40-300W									
IKEA	E0902 - Dim	[R] 25-150W									
Philips Dynalite	DDLE801	(100W per channel)									
Philips Dynalite	DDTM102 Module	(460 W per channel)									

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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			LED Bulb								
			MAS VLE LEDBulb D11.2-100W E27 927 A60 CL G 9290030583 MAS VLE LEDBulb D11.2-100W E27 927 A60 FR G 9290030585			MAS VLE LEDBulb D5.9-60W E27 927 A60 CL G 9290030575 MAS VLE LEDBulb D5.9-60W E27 927 A60 FR G 9290030577 MAS VLE LEDBulb D5.9-60W E27 927 ST64 CL G 9290030594 MAS VLE LEDBulb D5.9-60W E27 927 G120 CL G 9290030593			MAS VLE LEDBulb D7.8-75W E27 927 A60 CL G 9290030579 MAS VLE LEDBulb D7.8-75W E27 927 A60 FR G 9290030581		
											
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC] 20 ~ 360 W - Turn	2-6	98% - 9%		1-5	93% - 0%		1-10	100% - 0%	
Berker INSTA	283010	[R] 60 ~ 400 W - Turn	■	N.A.	N.A.	1-5	98% - 0%		1-10	97% - 0%	
Bticino	L4407	[] 60 ~ 250 W									
Busch Jaeger ABB	2200 U - 503	[R] 60 ~ 400 W - Turn	1-7	99% - 39%		■	N.A.	N.A.	1-10	95% - 0%	
Busch Jaeger ABB	2247 U	[R L] 20 ~ 500 W - Turn	1-9	99% - 0%		1-5	100% - 0%		■	N.A.	N.A.
Busch Jaeger ABB	2250 U	[R] 60 ~ 600 W - Turn	1-10	100% - 1%		1-5	97% - 0%		2-10	99% - 0%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-8	99% - 11%		1-5	83% - 0%		1-10	93% - 0%	
Busch Jaeger ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-9	99% - 7%		1-5	99% - 0%		1-10	99% - 0%	
Busch Jaeger ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)									
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1-10	99% - 8%		2-5	89% - 0%		1-10	100% - 0%	
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W									
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W									
Ettako	EVD61NPN-UC	400W 3-wire Push Module									
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1-10	99% - 8%		2-5	89% - 0%		1-10	100% - 0%	
Feller Schneider	40300 (SBD315)	[RLC] 300W									
Feller Schneider	40420 (SBD420)	[RLC] 420W									
GIRA	1176-00/01	[RLC] 50 ~ 420W									
GIRA	2390 00/ 100	[LED] 7 ~ 100W - Push (3wire)									
Hager	EVN 011	[RC] 300VA									
Hager	EVN 012	[RC] 300W									
Hager	EVN 004	[RL] 500VA									
Jung	225 TDE	[RC] 20 ~ 525 W - Turn	1-9	98% - 8%		1-5	82% - 0%		1-10	97% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)									
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W									
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer									
Legrand	774161	[RL] 40 ~ 400 W - Turn									
Legrand	78401	[RLC] 40 ~ 500W									
Legrand	67081	[RL] 40 ~ 400 W - Turn									
Legrand	67082	[RL] 40 ~ 600 W - Turn									
Legrand	67083	[RLC] 3 ~ 400W									
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	1-7	100% - 0%		1-5	100% - 0%		2-10	98% - 0%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)									
Legrand	L4402N	[R] 60-500W									
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1-10	99% - 8%		2-5	89% - 0%		1-10	100% - 0%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W									
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA	2-8	99% - 7%		1	100% - 0%		1-10	86% - 0%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-8	100% - 6%		1-5	98% - 0%		2-10	99% - 0%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-8	99% - 10%		2-5	97% - 0%		1-10	97% - 0%	
MK - Electric	K4501 WHILV	[RLC] 180W									
MK - Electric	K4500 WHILV	[RLC] 400W									
NIKO	310-0280X	[LED] 2 ~ 100 VA									
PEHA	431HAN	[RL] 6-120W [LED] 6-60W									
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-9	99% - 7%		1-5	99% - 0%		1-10	99% - 0%	
RELCO	RP0977	[LED] 4-100W									
RELCO	RM0545	[LED] 4-100W	■	N.A.	N.A.	1-5	100% - 0%		1-10	82% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W									
Schneider	SBD315RC (ATD315)(CCTO11533)	[RC] 315W									
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)									
Schneider	SBD315RC (SBD 315)	[RC] 315W									
VADSBO	ED 350	[RC] 50 ~ 350W									
VADSBO	DRS 315	[RC] 50 ~ 315W									
VADSBO	DU 250	[RC] 20 ~ 250W									
Varilight	HQ3W	[R] 60-400W	1-7	99% - 19%		2-5	100% - 0%		1-10	97% - 0%	
Varilight	ICT401 M	[RC] 20-400W									
Vimar	20148	[RL] 500W									
Vimar	14153	[R]									
Vimar	20160	[RC]									
Vimar	20162	[RL] 40-300W									
IKEA	E0902 - Dim	[R] 25-150W									
Philips Dynalite	DDLE801	(100W per channel)									
Philips Dynalite	DDTM102 Module	(460 W per channel)									

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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			LED Bulb			LED Bulb					
			LED giant 20W E27 A160 1800K smoky D 9290029825 LED giant 20W E27 G200 1800K smoky D 9290029826 LED giant 20W E27 T65 1800K smoky D 9290029827 LED double layers 20W E27 smoky DIM 9290029823			LED classic-giant 40W E27 A160 GOLD DIM 9290029835 LED classic-giant 40W E27 G200 GOLD DIM 9290029836 LED classic-giant 40W E27 T65 GOLD DIM 9290029837 LED giant crystal 26W E27 smoky DIM 9290029824			CLA LEDcandle DT 6-40W E14 CR190 B35 9290020180 CLA LEDcandle DT 6-40W E14 CR190 BA35 9290020183 CLA LEDcluster DT 6-40W E27 CR190 P45 9290020186 Cassic LEDcluster DT 6-40W E14 CR190 P45 9290020188		
											
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC] 20 ~ 360 W - Turn	2-10	48% - 0%		1-5	99% - 0%		2 - 10	94% - 3%	
Berker INSTA	283010	[R] 60 ~ 400 W - Turn	1-10	51% - 0%		1-5	99% - 0%		2 - 10	97% - 3%	
Bticino	L4407	[] 60 ~ 250 W									
Busch Jaeger ABB	2200 U - 503	[R] 60 ~ 400 W - Turn	2-10	57% - 0%		2-5	100% - 0%		2 - 10	97% - 11%	
Busch Jaeger ABB	2247 U	[R L] 20 ~ 500 W - Turn	1-10	50% - 0%		1-5	87% - 0%		2 - 10	97% - 3%	
Busch Jaeger ABB	2250 U	[R] 60 ~ 600 W - Turn	1-10	52% - 0%		1-5	98% - 0%		2 - 10	95% - 3%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-10	49% - 5%		1-5	99% - 0%		3 - 10	97% - 3%	
Busch Jaeger ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-10	52% - 0%		1-5	99% - 0%		2 - 10	97% - 3%	
Busch Jaeger ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)									
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	2-10	97% - 0%			N.A.	N.A.	5 - 10	96% - 3%	
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W							5 - 10	97% - 3%	
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W								N.A.	N.A.
Ettako	EVD6INPN-UC	400W 3-wire Push Module									
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	2-10	97% - 0%			N.A.	N.A.	5 - 10	96% - 3%	
Feller Schneider	40300 (SBD315)	[RLC] 300W							5 - 10	97% - 3%	
Feller Schneider	40420 (SBD420)	[RLC] 420W								N.A.	N.A.
GIRA	1176-00/01	[RLC] 50 ~ 420W									
GIRA	2390 00/ 100	[LED] 7 ~ 100W - Push (3wire)									
Hager	EVN 011	[RC] 300VA									
Hager	EVN 012	[RC] 300W									
Hager	EVN 004	[RL] 500VA									
Jung	225 TDE	[RC] 20 ~ 525 W - Turn	1-10	49% - 0%		1-5	99% - 0%		2 - 10	94% - 3%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)							2 - 10	95% - 3%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W									
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer									
Legrand	774161	[RL] 40 ~ 400 W - Turn								N.A.	N.A.
Legrand	78401	[RLC] 40 ~ 500W									
Legrand	67081	[RL] 40 ~ 400 W - Turn									
Legrand	67082	[RL] 40 ~ 600 W - Turn									
Legrand	67083	[RLC] 3 ~ 400W									
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	3-10	51% - 0%		1-5	98% - 0%		2 - 10	97% - 3%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)							2 - 10	94% - 3%	
Legrand	L4402N	[R] 60-500W									
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	2-10	97% - 0%			N.A.	N.A.	5 - 10	96% - 3%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W							5 - 10	97% - 3%	
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA	1-2	100% - 0%		1	67% - 0%			N.A.	N.A.
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-10	51% - 0%		1-5	99% - 0%		2 - 10	97% - 3%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	2-10	51% - 0%		2-5	99% - 0%		2 - 10	97% - 3%	
MK - Electric	K4501 WHILV	[RLC] 180W									
MK - Electric	K4500 WHILV	[RLC] 400W									
NIKO	310-0280X	[LED] 2 ~ 100 VA									
PEHA	431HAN	[RL] 6-120W [LED] 6-60W									
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-10	52% - 0%		1-5	99% - 0%				
RELCO	RP0977	[LED] 4-100W							2 - 10	97% - 3%	
RELCO	RM0545	[LED] 4-100W	1-10	51% - 0%		1-5	99% - 0%		2 - 10	97% - 3%	
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W							5 - 10	97% - 3%	
Schneider	SBD315RC (ATD315)(CCTO11533)	[RC] 315W							5 - 10	97% - 3%	
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)							5 - 10	96% - 3%	
Schneider	SBD315RC (SBD 315)	[RC] 315W							5 - 10	97% - 3%	
VADSBO	ED 350	[RC] 50 ~ 350W									
VADSBO	DRS 315	[RC] 50 ~ 315W									
VADSBO	DU 250	[RC] 20 ~ 250W									
Varilight	HQ3W	[R] 60-400W	2-10	51% - 0%		2-5	98% - 0%		2 - 10	96% - 3%	
Varilight	ICT401 M	[RC] 20-400W									
Vimar	20148	[RL] 500W							2 - 10	97% - 3%	
Vimar	14153	[R]									
Vimar	20160	[RC]									
Vimar	20162	[RL] 40-300W							2 - 10	97% - 3%	
IKEA	E0902 - Dim	[R] 25-150W							2 - 6	97% - 3%	
Philips Dynalite	DDLE801	(100W per channel)							2 - 10	97% - 3%	
Philips Dynalite	DDTM102 Module	(460 W per channel)							2 - 10	97% - 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
U	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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			LED Candle			LED Bulb					
			<p>MAS LEDcandle DT 2.8-25W E14 B38 CL 9290024904 MAS LEDcandle DT 2.8-25W E14 BA38 CL 9290024906 MAS LEDlustre DT 2.8-25W E14 P48 CL 9290024907 MAS LEDlustre DT 2.8-25W E27 P48 CL 9290024908 MAS LEDcandle DT 2.8-25W B22 B38 CL 9290024905</p> 			<p>MAS LEDcandle DT 5.5-40W B15 B38 CL 9290024909 MAS LEDcandle DT 5.5-40W E14 B38 CL 9290024910 MAS LEDcandle DT 5.5-40W E14 BA38 CL 9290024913 MAS LEDlustre DT 5.5-40W E14 P48 CL 9290024914 MAS LEDlustre DT 5.5-40W E27 P48 CL 9290024916 MAS LEDcandle DT 5.5-40W B22 B38 CL 9290024911 MAS LEDlustre DT 5.5-40W B22 P48 CL 9290024915 MAS LEDcandle DT 5.5-40W E27 B38 CL 9290024912</p> 			<p>MAS LEDbulb DT 8-60W B22 A60 CL 9290024903 MAS LEDbulb DT 8-60W E27 A60 CL 9290024902</p> 		
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC] 20 ~ 360 W - Turn	1	98% - 0%		1-5	96% - 2%		1-5	98% - 5%	
Berker INSTA	283010	[R] 60 ~ 400 W - Turn	1-5	98% - 1%		1-5	95% - 2%		1-5	98% - 4%	
Bticino	L4407	[] 60 ~ 250 W									
Busch Jaeger ABB	2200 U - 503	[R] 60 ~ 400 W - Turn	1-5	96% - 1%		1-5	96% - 3%		1-5	97% - 7%	
Busch Jaeger ABB	2247 U	[R L] 20 ~ 500 W - Turn	1-5	99% - 0%		1-5	95% - 0%		1-5	98% - 0%	
Busch Jaeger ABB	2250 U	[R] 60 ~ 600 W - Turn	1-5	94% - 0%		2-5	99% - 0%		1-5	97% - 0%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-5	97% - 0%		1-5	97% - 2%		1-5	97% - 5%	
Busch Jaeger ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-5	96% - 0%		1-5	93% - 0%		1-5	96% - 0%	
Busch Jaeger ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)									
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)									
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W	1-5	52% - 0%		2-5	95% - 0%		1-5	98% - 1%	
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W									
Ettako	EVD61NPN-UC	400W 3-wire Push Module									
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)									
Feller Schneider	40300 (SBD315)	[RLC] 300W									
Feller Schneider	40420 (SBD420)	[RLC] 420W									
GIRA	1176-00/01	[RLC] 50 ~ 420W									
GIRA	2390 00/ 100	[LED] 7 ~ 100W - Push (3wire)									
Hager	EVN 011	[RC] 300VA									
Hager	EVN 012	[RC] 300W									
Hager	EVN 004	[RL] 500VA									
Jung	225 TDE	[RC] 20 ~ 525 W - Turn	1-5	96% - 1%		1-5	96% - 2%		1-5	98% - 4%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)									
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W									
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer									
Legrand	774161	[RL] 40 ~ 400 W - Turn									
Legrand	78401	[RLC] 40 ~ 500W									
Legrand	67081	[RL] 40 ~ 400 W - Turn									
Legrand	67082	[RL] 40 ~ 600 W - Turn									
Legrand	67083	[RLC] 3 ~ 400W									
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	1-5	99% - 0%		1-5	91% - 0%		1-5	93% - 0%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)									
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	1-5	52% - 0%		2-5	95% - 0%		1-5	98% - 1%	
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA	1-5	99% - 1%		1-5	94% - 0%		1-5	96% - 1%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-5	53% - 0%		2-5	75% - 0%		1-5	88% - 2%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-5	89% - 0%		1-5	74% - 0%		1-5	93% - 2%	
MK - Electric	K4501 WHILV	[RLC] 180W									
MK - Electric	K4500 WHILV	[RLC] 400W									
NIKO	310-0280X	[LED] 2 ~ 100 VA									
PEHA	431HAN	[RL] 6-120W [LED] 6-60W									
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-5	96% - 0%		1-5	93% - 0%		1-5	96% - 0%	
RELCO	RP0977	[LED] 4-100W									
RELCO	RM0545	[LED] 4-100W	1-5	94% - 0%		1-5	94% - 0%		1-5	93% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W	1-5	52% - 0%		2-5	95% - 0%		1-5	98% - 1%	
Schneider	SBD315RC (ATD315)(CCTO11533)	[RC] 315W	1-5	52% - 0%		2-5	95% - 0%		1-5	98% - 1%	
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)									
Schneider	SBD315RC (SBD 315)	[RC] 315W	1-5	52% - 0%		2-5	95% - 0%		1-5	98% - 1%	
VADSBO	ED 350	[RC] 50 ~ 350W									
VADSBO	DRS 315	[RC] 50 ~ 315W									
VADSBO	DU 250	[RC] 20 ~ 250W									
Varilight	HQ3W	[R] 60-400W	1-5	99% - 0%		1-5	87% - 1%		1-5	97% - 4%	
Varilight	ICT401 M	[RC] 20-400W									
Vimar	20148	[RL] 500W									
Vimar	14153	[R]									
Vimar	20160	[RC]									
Vimar	20162	[RL] 40-300W									
IKEA	E0902 - Dim	[R] 25-150W									
Philips Dynalite	DDLE801	(100W per channel)									
Philips Dynalite	DDTM102 Module	(460 W per channel)									

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

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			LED Bulb			LED Candle			LED Bulb		
			MAS LEDbulb DT 5.5-40W B22 A60 CL 9290024901 MAS LEDbulb DT 5.5-40W E27 A60 CL 9290024900			MAS LEDcandle DT 8-60W B40 E14 827 CL 9290024917 MAS LEDlustre DT 8-60W P50 E14 827 CL 9290024918			MAS VLE LEDCandleD3.4-40W E14 B35 927 CL G 9290030595 MAS VLE LEDCandleD3.4-40W E14 B35 927 FR G 9290030597 MAS VLE LEDLusterD3.4-40W E14 P45 927 CL G 9290030600 MAS VLE LEDLusterD3.4-40W E14 P45 927 FR G 9290030602 MAS VLE LEDLusterD3.4-40W E27 P45 927 CL G 9290030604 MAS VLE LEDLusterD3.4-40W E27 P45 927 FR G 9290030606 MAS VLE LEDBulbD3.4-40W E27 927 A60 CL G 9290030705 MAS VLE LEDBulbD3.4-40W E27 927 A60 FR G 9290030707		
											
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC] 20 ~ 360 W - Turn	1-5	99% - 1%		1-5	99% - 9%		1-10	90% - 0%	
Berker INSTA	283010	[R] 60 ~ 400 W - Turn	1-5	99% - 1%		1-5	98% - 8%		1-10	97% - 0%	
Bticino	L4407	[] 60 ~ 250 W									
Busch Jaeger ABB	2200 U - 503	[R] 60 ~ 400 W - Turn	1-5	99% - 4%		1-5	99% - 12%		2-10	78% - 0%	
Busch Jaeger ABB	2247 U	[R L] 20 ~ 500 W - Turn	1-5	99% - 0%		1-5	98% - 0%		1-10	97% - 0%	
Busch Jaeger ABB	2250 U	[R] 60 ~ 600 W - Turn	2-5	98% - 0%		1-5	99% - 0%		2-10	99% - 0%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-5	99% - 1%		1-5	99% - 8%		2-10	96% - 0%	
Busch Jaeger ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-5	93% - 0%		1-5	99% - 0%		1-10	99% - 0%	
Busch Jaeger ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)									
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)							1-10	91% - 0%	
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W	2-5	100% - 0%		1-5	98% - 2%				
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W									
Ettako	EVD61NPN-UC	400W 3-wire Push Module									
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)							1-10	91% - 0%	
Feller Schneider	40300 (SBD315)	[RLC] 300W									
Feller Schneider	40420 (SBD420)	[RLC] 420W									
GIRA	1176-00/01	[RLC] 50 ~ 420W									
GIRA	2390 00/ 100	[LED] 7 ~ 100W - Push (3wire)									
Hager	EVN 011	[RC] 300VA									
Hager	EVN 012	[RC] 300W									
Hager	EVN 004	[RL] 500VA									
Jung	225 TDE	[RC] 20 ~ 525 W - Turn	1-5	99% - 1%		1-5	99% - 8%		1-10	88% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)									
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W									
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer									
Legrand	774161	[RL] 40 ~ 400 W - Turn									
Legrand	78401	[RLC] 40 ~ 500W									
Legrand	67081	[RL] 40 ~ 400 W - Turn									
Legrand	67082	[RL] 40 ~ 600 W - Turn									
Legrand	67083	[RLC] 3 ~ 400W									
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	1-5	97% - 0%		1-5	98% - 1%		1-10	98% - 0%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)									
Legrand	L4402N	[R] 60-500W									
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)							1-10	91% - 0%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	2-5	100% - 0%		1-5	98% - 2%				
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA	1-5	99% - 0%		1-5	98% - 1%		1-2	96% - 0%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	2-5	75% - 0%		1-5	90% - 4%		2-10	99% - 0%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-5	70% - 0%		1-5	97% - 3%		2-10	97% - 0%	
MK - Electric	K4501 WHILV	[RLC] 180W									
MK - Electric	K4500 WHILV	[RLC] 400W									
NIKO	310-0280X	[LED] 2 ~100 VA									
PEHA	431HAN	[RL] 6-120W [LED] 6-60W									
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-5	93% - 0%		1-5	99% - 0%		1-10	99% - 0%	
RELCO	RP0977	[LED] 4-100W									
RELCO	RM0545	[LED] 4-100W	1-5	91% - 0%		1-5	97% - 5%		1-10	98% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W	2-5	100% - 0%		1-5	98% - 2%				
Schneider	SBD315RC (ATD315)(CCTO11533)	[RC] 315W	2-5	100% - 0%		1-5	98% - 2%				
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)									
Schneider	SBD315RC (SBD 315)	[RC] 315W	2-5	100% - 0%		1-5	98% - 2%				
VADSBO	ED 350	[RC] 50 ~350W									
VADSBO	DRS 315	[RC] 50 ~315W									
VADSBO	DU 250	[RC] 20 ~250W									
Varilight	HQ3W	[R] 60-400W	1-5	98% - 1%		1-5	99% - 7%		2-10	98% - 0%	
Varilight	ICT401 M	[RC] 20-400W									
Vimar	20148	[RL] 500W									
Vimar	14153	[R]									
Vimar	20160	[RC]									
Vimar	20162	[RL] 40-300W									
IKEA	E0902 - Dim	[R] 25-150W									
Philips Dynalite	DDLE801	(100W per channel)									
Philips Dynalite	DDTM102 Module	(460 W per channel)									

Professional LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage lamps



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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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Berker INSTA	286710	[RC] 20 ~ 360 W - Turn
Berker INSTA	283010	[R] 60 ~ 400 W - Turn
Bticino	L4407	[] 60 ~ 250 W
Busch Jaeger ABB	2200 U - 503	[R] 60 ~ 400 W - Turn
Busch Jaeger ABB	2247 U	[R L] 20 ~ 500 W - Turn
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)
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W
Ettako	EVD61NPN-UC	400W 3-wire Push Module
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)
Feller Schneider	40300 (SBD315)	[RLC] 300W
Feller Schneider	40420 (SBD420)	[RLC] 420W
GIRA	1176-00/01	[RLC] 50 ~ 420W
GIRA	2390 00/ 100	[LED] 7 ~ 100W - Push (3wire)
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	225 TDE	[RC] 20 ~ 525 W - Turn
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	774161	[RL] 40 ~ 400 W - Turn
Legrand	78401	[RLC] 40 ~ 500W
Legrand	67081	[RL] 40 ~ 400 W - Turn
Legrand	67082	[RL] 40 ~ 600 W - Turn
Legrand	67083	[RLC] 3 ~ 400W
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)
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	SBD420RCRL (MEG5138-0000)	[RLC] 20~420 VA
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
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)	[RC] 315W
Schneider	SBD315RC (ATD315)(CCTO11533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	[] 4~400VA - Turn Universal (2wire)
Schneider	SBD315RC (SBD 315)	[RC] 315W
VADSBO	ED 350	[RC] 50 ~350W
VADSBO	DRS 315	[RC] 50 ~315W
VADSBO	DU 250	[RC] 20 ~250W
Varilight	HQ3W	[R] 60~400W
Varilight	ICT401 M	[RC] 20~400W
Vimar	20148	[RL] 500W
Vimar	14153	[R]
Vimar	20160	[RC]
Vimar	20162	[RL] 40~300W
IKEA	E0902 - Dim	[R] 25~150W
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDTM102 Module	(460 W per channel)

LED Spot			LED Spot			LED Spot		
MAS LED ExpertColor 3.9-35W GU10 927 25D 9290013464			MAS LED ExpertColor 5.5-50W GU10 927 25D 9290013470			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
2 - 5 (max 18)	88%-7%		2 - 5 (max 9)	91%-5%		1 - 5	79%- 3%	
2 - 5 (max 20)	93%-6%		2 - 3	95%-5%		1 - 5	85%- 14%	
	N.A.	N.A.						
2 - 5 (max 20)	83%-17%		2 - 5 (max 14)	94%-17%		1 - 5	85%-6%	
2 - 5 (max 20)	95%-3%		2 - 5 (max 14)	95%-3%		1 - 5	85%-3%	
2 - 5 (max 25)	93%-3%		2 - 5 (max 18)	96%-3%		1 - 5	85%-3%	
2 - 5 (max 21)	92%-4%		2 - 5 (max 15)	94%-6%		1 - 2	83%-3%	
2 - 5 (max 25)	92%-4%		2 - 5 (max 18)	91%-3%		1 - 5	77%-3%	
2 - 19	92%-3%							
2 - 5 (max 10)	89%-11%		2 - 5 (max 7)	90%-8%		1 - 5	78%-3%	
2 - 5 (max 16)	88%-3%		2 - 5 (max 11)	91%-3%		1 - 5	77%-3%	
2 - 5 (max 21)	94%-3%		2 - 5 (max 15)	96%-3%		3 - 5	85%-3%	
2 - 19	91%-12%							
2 - 5 (max 25)	86%-24%		2 - 5 (max 18)	91%-25%		1 - 5	79%- 3%	
2 - 15	96%-10%							
2 - 15	96%-9%							
2 - 19	96%-10%							
2 - 5 (max 26)	91%-3%		2 - 5 (max 19)	93%-11%			N.A.	N.A.
2 - 5 (max 25)	89%-3%		2 - 5 (max 18)	92%-3%		1 - 5	80%- 3%	
3 - 6	72%-17%							
300W - 3-wire Push LED Dimmer	89%-3%							
5	95%-3%			N.A.	N.A.		N.A.	N.A.
2 - 19	91%-1%							
3 - 5 (max 20)	93%-3%		2 - 5 (max 14)	96%-3%				
5	95%-5%		3 - 5 (max 14)	96%-3%				
3 - 4	86%-3%							
2 - 5 (max 15)	93%-3%		2 - 5 (max 10)	93%-3%		1 - 2	77%- 3%	
2 - 5 (max 15)	97%-3%		2 - 5 (max 10)	98%-3%		1 - 5	93%- 3%	
3 - 19	86%-11%							
2 - 5 (max 10)	89%-11%		2 - 5 (max 7)	90%-8%		1 - 5	78%-3%	
2 - 5 (max 16)	88%-3%		2 - 5 (max 11)	91%-3%		1 - 5	77%-3%	
2 - 5 (max 21)	94%-3%		2 - 5 (max 15)	96%-3%		3 - 5	85%-3%	
2 - 5 (max 23)	71%-3%		2 - 5 (max 16)	80%-4%		2	62%- 6%	
2 - 5 (max 25)	77%-3%		2 - 5 (max 18)	87%-3%		3 - 5	69%- 3%	
2 - 11	84%-3%							
2 - 16	86%-3%							
2 - 5	96%-3%							
2 - 6	80%-3%							
2 - 5 (max 25)	92%-4%		2 - 5 (max 18)	91%-3%				
2 - 5	96%-16%					1 - 5	94%- 4%	
2 - 5	88%-3%					1 - 5	74%- 3%	
2 - 5 (max 16)	88%-3%		2 - 5 (max 11)	91%-3%		1 - 5	77%-3%	
2 - 5 (max 16)	88%-3%		2 - 5 (max 11)	91%-3%		1 - 5	77%-3%	
2 - 5 (max 10)	89%-11%		2 - 5 (max 7)	90%-8%		1 - 5	78%-3%	
2 - 5 (max 16)	88%-3%		2 - 5 (max 11)	91%-3%		1 - 5	77%-3%	
2 - 18	86%-10%							
2 - 16	92%-5%							
2 - 13	70%-3%							
2 - 5 (max 20)	91%-3%		2 - 5 (max 14)	92%-3%		2	84%- 3%	
2 - 19	75%-3%							
2 - 5 (max 25)	93%-3%	< 6	2 - 5 (max 18)	94%-3%	< 5	1 - 2	84%- 3%	
2 - 19	99%-3%							
2 - 15	90%-3%							
2 - 5 (max 15)	91%-3%	< 6	2 - 5 (max 10)	90%-3%	< 6	1 - 3	77%- 3%	
2 - 5 (max)	93%-7%		2	95%-6%		1 - 5	87%- 12%	
2 - 5	79%-3%		2 - 5	90%-3%		1 - 5	81%- 3%	
2 - 5 (max 20)	87%-3%		2 - 5 (max 16)	90%-3%		1 - 5	79%- 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
x-y	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
N.A.	Dimmer lamp combination not tested

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			LED Bulb			LED Spot					
			LEDClassic 40W Diamond E27 2700K CL D 9290019357	CoreProLED linearD 17.5-150W R7S 118 830 9290020166 CoreProLED lineair D 17.5-150W R7S 118mm CW 9290020167	MASTER LEDspot VALUE D 3.7-35W GU10 36D 927 CRI90 9290013482 MASTER LEDspot VALUE D 3.7-35W GU10 60D 930 CRI90 9290013483 MAS LED spot VLE D 3.7-35W GU10 940 36D 9290013484						
											
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC] 20 ~ 360 W - Turn	1-3	99%-3%		1 - 3	99%-15%		2 - 5 (max 19)	96%-31%	
Berker INSTA	283010	[R] 60 ~ 400 W - Turn	2-3	99%-3%		1 - 3	100%-6%		2 - 5 (max 21)	88%-16%	
Bticino	L4407	[] 60 ~ 250 W	2-3	82%-3%					N.A.		N.A.
Busch Jaeger ABB	2200 U - 503	[R] 60 ~ 400 W - Turn	1-3	99%-8%		1 - 3	100%-8%		3 - 5 (max 21)	88%-31%	
Busch Jaeger ABB	2247 U	[R L] 20 ~ 500 W - Turn	2-3	99%-3%		1 - 4	100%-3%		2 - 5 (max 21)	87%-6%	
Busch Jaeger ABB	2250 U	[R] 60 ~ 600 W - Turn	2-3	99%-3%		1 - 4	100%-3%		2 - 5 (max 22)	91%-4%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-3	99%-3%		1 - 3	99%-16%		2 - 5 (max 27)	98%-23%	
Busch Jaeger ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-3	99%-3%		1 - 4	99%-3%		2 - 5 (max 27)	90%-3%	
Busch Jaeger ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-3	99%-3%					2 - 20	92%-17%	< 5
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1-3	99%-3%		1 - 3	100%-18%			N.A.	N.A.
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W	2-3	99%-3%		1 - 3	100%-5%		3 - 5 (max 17)	96%-9%	
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
Ettako	EVD6INPN-UC	400W 3-wire Push Module	1-3	99%-3%					2 - 20	98%-11%	
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1-3	99%-3%		1 - 3	100%-18%			N.A.	N.A.
Feller Schneider	40300 (SBD315)	[RLC] 300W	2-3	99%-3%		1 - 3	100%-5%		3 - 5 (max 17)	96%-9%	
Feller Schneider	40420 (SBD420)	[RLC] 420W		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
GIRA	1176-00/01	[RLC] 50 ~ 420W	1-3	99%-3%					2 - 20	90%-29%	< 9
GIRA	2390 00/ 100	[LED] 7 ~ 100W - Push (3wire)	1-3	99%-3%					3 - 8 (max 27)	91%-15%	< 3
Hager	EVN 011	[RC] 300VA	1-3	99%-3%					2 - 16	96%-22%	< 10
Hager	EVN 012	[RC] 300W	1-3	97%-3%					2 - 16	96%-22%	< 11
Hager	EVN 004	[RL] 500VA	1-3	99%-3%					2 - 20	95%-22%	< 11
Jung	225 TDE	[RC] 20 ~ 525 W - Turn	1-3	99%-3%		1 - 4	96%-13%		2 - 5 (max 28)	94%-33%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-3	99%-3%					2 - 5 (max 27)	89%-13%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-3	99%-4%						82%-30%	< 7
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer	2-3	99%-3%						89%-14%	< 7
Legrand	774161	[RL] 40 ~ 400 W - Turn	2-3	92%-3%						N.A.	N.A.
Legrand	78401	[RLC] 40 ~ 500W	1-3	97%-3%					2 - 20	91%-14%	
Legrand	67081	[RL] 40 ~ 400 W - Turn								N.A.	N.A.
Legrand	67082	[RL] 40 ~ 600 W - Turn								N.A.	N.A.
Legrand	67083	[RLC] 3 ~ 400W	1-3	97%-3%						83%-11%	
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	2-3	99%-3%		1 - 4	96%-3%		2 - 5 (max 16)	96%-22%	< 5
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)	1-3	98%-3%					2 - 5 (max 16)	97%-3%	
Legrand	L4402N	[R] 60-500W	2-3	97%-3%					5 - 20	88%-28%	
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1-3	99%-3%		1 - 3	100%-18%			N.A.	N.A.
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	2-3	99%-3%		1 - 3	100%-5%		3 - 5 (max 17)	96%-9%	
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	2-3	92%-3%		1 - 3	100%-3%		2 - 8 (max 24)	71%-15%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-3	99%-3%		1 - 3	100%-4%		2 - 8 (max 27)	79%-17%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-3	99%-3%					2 - 12	85%-15%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-3	98%-3%					2 - 17	87%-15%	
NIKO	310-0280X	[LED] 2 -100 VA	1-3	98%-3%					2 - 5	96%-6%	
PEHA	431HAN	[RL] 6-120W [LED] 6-60W	1-3	98%-3%					2 - 6	84%-6%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)							2 - 5 (max 27)	90%-3%	
RELCO	RP0977	[LED] 4-100W	1-3	99%-3%		1 - 3	100%-3%		2 - 5	97%-32%	
RELCO	RM0545	[LED] 4-100W	1-3	99%-3%		1 - 4	100%-3%		2 - 5	88%-15%	
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W	2-3	99%-3%		1 - 3	100%-5%		3 - 5 (max 17)	96%-9%	
Schneider	SBD315RC (ATD315)(CCTO11533)	[RC] 315W	2-3	99%-3%		1 - 3	100%-5%		3 - 5 (max 17)	96%-9%	
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)	1-3	99%-3%		1 - 3	100%-18%			N.A.	N.A.
Schneider	SBD315RC (SBD 315)	[RC] 315W	2-3	99%-3%					3 - 5 (max 17)	96%-9%	
VADSBO	ED 350	[RC] 50 ~350W	1-3	97%-3%					2 - 19	89%-29%	
VADSBO	DRS 315	[RC] 50 ~315W		N.A.	N.A.				3 - 17	92%-18%	< 18
VADSBO	DU 250	[RC] 20 ~250W	1-3	91%-3%					3 - 14	83%-9%	< 15
Variilight	HQ3W	[R] 60-400W	2-3	92%-3%		1 - 3	99%-3%		2 - 5 (max 21)	84%-8%	
Variilight	ICT401 M	[RC] 20-400W	1-3	93%-3%					2 - 20	83%-3%	< 7
Vimar	20148	[RL] 500W	2-3	99%-3%	< 2				3 - 8 (max 27)	85%-17%	< 6
Vimar	14153	[R]	1-3	98%-3%						97%-4%	
Vimar	20160	[RC]	1-3	99%-3%					3 - 16	91%-11%	< 17
Vimar	20162	[RL] 40-300W	1-3	99%-3%					3 - 8 (max 16)	92%-25%	< 6
IKEA	E0902 - Dim	[R] 25-150W	2-3	99%-3%					2 - 8 (max)	89%-16%	
Philips Dynalite	DDLE801	(100W per channel)	2-3	85%-3%					2 - 8	88%-8%	
Philips Dynalite	DDTM102 Module	(460 W per channel)	2-3	85%-3%					2 - 8 (max 24)	92%-3%	

Professional LED Mains Voltage range




Recommended dimmer compatibility list for Mains Voltage lamps



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

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			LED Spot								
			MAS LED spot VLE DT 4.9-50W GU10 927 36D 9290013503				MAS LED spot VLE DT 6.2-80W GU10 927 36D 9290020659				MASTER LEDspot VALUE D 6.2-80W GU10 36D 927 CRI90 9290020595 MAS LED spot VLE D 6.2-80W GU10 930 36D 9290020684 MASTER LEDspot VALUE D 6.2-80W GU10 36D 940 CRI90 9290020660 MASTER LEDspot VALUE D 6.2-80W GU10 36D 965 CRI90 9290022099 MAS LED spot VLE D 650lm GU10 930 120D 9290022100
											
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC] 20 ~ 360 W - Turn	2 - 8 (max 14)	92%-3%		1-5	92%-5%		2-5	89%-20%	
Berker INSTA	283010	[R] 60 ~ 400 W - Turn	2 - 8 (max 16)	93%-3%		1-5	45%-3%		2-5	93%-20%	
Bticino	L4407	[] 60 ~ 250 W		N.A.	N.A.						
Busch Jaeger ABB	2200 U - 503	[R] 60 ~ 400 W - Turn	2 - 8 (max 16)	92%-3%		1-5	42%-3%		2-5	91%-17%	
Busch Jaeger ABB	2247 U	[R L] 20 ~ 500 W - Turn	2 - 8 (max 16)	94%-3%		1-5	95%-3%		2-5	93%-7%	
Busch Jaeger ABB	2250 U	[R] 60 ~ 600 W - Turn	2 - 8 (max 20)	94%-3%		1-5	95%-3%		2-5	95%-4%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	2 - 8 (max 17)	94%-3%		1-5	96%-6%		2-5	92%-18%	
Busch Jaeger ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	2 - 8 (max 20)	89%-3%		1-5	82%-5%		2-5	88%-3%	
Busch Jaeger ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	2 - 20	91%-5%							
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	2 - 8	92%-3%		1-5	91%-6%		2-5	90%-24%	
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W	2 - 8 (max 12)	92%-3%		1-5	93%-3%		2-5	89%-4%	
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W	3 - 8 (max 17)	95%-3%		1-5	96%-6%		2-5	95%-12%	
Ettako	EVD61NPN-UC	400W 3-wire Push Module	2 - 16	96%-3%							
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	2 - 8	92%-3%		1-5	91%-6%		2-5	90%-24%	
Feller Schneider	40300 (SBD315)	[RLC] 300W	2 - 8 (max 12)	92%-3%		1-5	93%-3%		2-5	89%-4%	
Feller Schneider	40420 (SBD420)	[RLC] 420W	3 - 8 (max 17)	95%-3%		1-5	96%-6%		2-5	95%-12%	
GIRA	1176-00/01	[RLC] 50 ~ 420W	2 - 17	94%-9%							
GIRA	2390 00/ 100	[LED] 7 ~ 100W - Push (3wire)	3 - 8 (max 20)	91%-3%					2-5	88%-36%	
Hager	EVN 011	[RC] 300VA	2 - 12	94%-7%							
Hager	EVN 012	[RC] 300W	2 - 12	94%-7%							
Hager	EVN 004	[RL] 500VA	2 - 20	95%-7%							
Jung	225 TDE	[RC] 20 ~ 525 W - Turn	2 - 8 (max 21)	91%-3%		1-5	94%-6%		2-5	89%-19%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	2 - 8 (max 20)	91%-3%					2-5	88%-11%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	2 - 5	80%-11%							
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer	2 - 12	87%-3%							
Legrand	774161	[RL] 40 ~ 400 W - Turn	2 - 8 (max 16)	95%-3%	<4				2-5	94%-17%	
Legrand	78401	[RLC] 40 ~ 500W	2 - 16	91%-3%							
Legrand	67081	[RL] 40 ~ 400 W - Turn	3 - 8 (max 16)	95%-3%					2-5	93%-15%	
Legrand	67082	[RL] 40 ~ 600 W - Turn	3 - 8 (max 24)	94%-3%					2-5	95%-17%	
Legrand	67083	[RLC] 3 ~ 400W	2 - 16	85%-2%							
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	2 - 8 (max 12)	93%-3%	<4	1-5	95%-3%		2-5	93%-13%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)	2 - 8 (max 12)	95%-3%					2-5	97%-3%	
Legrand	L4402N	[R] 60-500W	2 - 20	84%-8%							
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	2 - 8	92%-3%		1-5	91%-6%		2-5	90%-24%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	2 - 8 (max 12)	92%-3%		1-5	93%-3%		2-5	89%-4%	
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA	3 - 8 (max 17)	95%-3%		1-5	96%-6%		2-5	95%-12%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	2 - 8 (max 18)	70%-3%		1-5	31%-3%		2-5	81%-17%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	2 - 8 (max 20)	87%-3%		1-5	86%-3%		2-5	86%-15%	
MK - Electric	K4501 WHILV	[RLC] 180W	2 - 9	86%-4%							
MK - Electric	K4500 WHILV	[RLC] 400W	2 - 13	86%-4%							
NIKO	310-0280X	[LED] 2 ~ 100 VA	2 - 4	95%-3%							
PEHA	431HAN	[RL] 6-120W [LED] 6-60W	2 - 5	84%-3%							
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	2 - 8 (max 20)	89%-3%		1-5	82%-5%		2-5	88%-3%	
RELCO	RP0977	[LED] 4-100W	2 - 4	75%-11%		1-5	99%-3%				
RELCO	RM0545	[LED] 4-100W	2 - 4	87%-4%		1-5	96%-3%				
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W	2 - 8 (max 12)	92%-3%		1-5	93%-3%		2-5	89%-4%	
Schneider	SBD315RC (ATD315)(CCTO11533)	[RC] 315W	2 - 8 (max 12)	92%-3%		1-5	93%-3%		2-5	89%-4%	
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)	2 - 8	92%-3%		1-5	91%-6%		2-5	90%-24%	
Schneider	SBD315RC (SBD 315)	[RC] 315W	2 - 8 (max 12)	92%-3%		1-5	93%-3%		2-5	89%-4%	
VADSBO	ED 350	[RC] 50 ~350W	2 - 14	85%-8%							
VADSBO	DRS 315	[RC] 50 ~315W	2 - 13	90%-5%							
VADSBO	DU 250	[RC] 20 ~250W	2 - 10	77%-3%	<11						
Variilight	HQ3W	[R] 60-400W	2 - 8 (max 16)	92%-3%		1-5	50%-3%		2-5	91%-10%	
Variilight	ICT401 M	[RC] 20-400W	2 - 16	79%-3%							
Vimar	20148	[RL] 500W	3 - 8 (max 20)	92%-3%	<9				2-5	93%-14%	<6
Vimar	14153	[R]	2 - 20	97%-3%							
Vimar	20160	[RC]	2 - 12	89%-3%	<13						
Vimar	20162	[RL] 40-300W	2 - 8 (max 12)	92%-3%	<9				2-5	90%-13%	<6
IKEA	E0902 - Dim	[R] 25-150W	2 - 8 (max)	93%-3%					2-5	94%-3%	
Philips Dynalite	DDLE801	(100W per channel)	2 - 8	89%-3%					2-5	88%-8%	
Philips Dynalite	DDTM102 Module	(460 W per channel)	2 - 8 (max 18)	89%-3%					2-5	90%-4%	

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

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			LED Spot			LED Bulb					
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing			
			MASTER LEDspot VALUE D 6.2-80W GU10 36D 927 CR190 9290020595 MASTER LEDspot VALUE D 6.2-80W GU10 36D 930 CR190 9290020684 MASTER LEDspot VALUE D 6.2-80W GU10 36D 940 CR190 9290020660 MAS LED spot VLE D 6.2-80W GU10 965 36D 9290022099 MAS LED spot VLE D 650lm GU10 930 120D 9290022100			MAS LED spot VLE D 6.2-80W GU10 927 36D 9290020595 MASTER LEDspot VALUE D 6.2-80W GU10 36D 930 CR190 9290020684 MASTER LEDspot VALUE D 6.2-80W GU10 36D 940 CR190 9290020660 MASTER LEDspot VALUE D 6.2-80W GU10 36D 965 CR190 9290022099 MAS LED spot VLE D 650lm GU10 930 120D 9290022100			LED Crystal_giant 6.5-35W E27 GOLD DIM 9290020944 LED double layers 6.5-25W E27 smoky DIM 9290020945 LED diamond_giant 35W E27 CL DIM 9290020946		
Berker INSTA	286710	[RC] 20 ~ 360 W - Turn	2-5	89%-20%		2-5	89%-20%		1-3	91%-6%	
Berker INSTA	283010	[R] 60 ~ 400 W - Turn	2-5	93%-20%		2-5	93%-20%		1-3	93%-4%	
Bticino	L4407	[] 60 ~ 250 W									
Busch Jaeger ABB	2200 U - 503	[R] 60 ~ 400 W - Turn	2-5	91%-17%		2-5	91%-17%		1-3	93%-13%	
Busch Jaeger ABB	2247 U	[R L] 20 ~ 500 W - Turn	2-5	93%-7%		2-5	93%-7%		1-3	92%-3%	
Busch Jaeger ABB	2250 U	[R] 60 ~ 600 W - Turn	2-5	95%-4%		2-5	95%-4%		1-3	93%-3%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	2-5	92%-18%		2-5	92%-18%		1-3	93%-4%	
Busch Jaeger ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	2-5	88%-3%		2-5	88%-3%		1-3	90%-8%	
Busch Jaeger ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)									
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	2-5	90%-24%		2-5	90%-24%		1-3	92%-6%	
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W	2-5	89%-4%		2-5	89%-4%		1-3	90%-3%	
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W	2-5	95%-12%		2-5	95%-12%		2-3	95%-5%	
Ettako	EVD61NPN-UC	400W 3-wire Push Module									
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	2-5	90%-24%		2-5	90%-24%		1-3	92%-6%	
Feller Schneider	40300 (SBD315)	[RLC] 300W	2-5	89%-4%		2-5	89%-4%		1-3	90%-3%	
Feller Schneider	40420 (SBD420)	[RLC] 420W	2-5	95%-12%		2-5	95%-12%		2-3	95%-5%	
GIRA	1176-00/01	[RLC] 50 ~ 420W									
GIRA	2390 00/ 100	[LED] 7 ~ 100W - Push (3wire)	2-5	88%-36%		2-5	88%-36%		1-3	89%-3%	
Hager	EVN 011	[RC] 300VA									
Hager	EVN 012	[RC] 300W									
Hager	EVN 004	[RL] 500VA									
Jung	225 TDE	[RC] 20 ~ 525 W - Turn	2-5	89%-19%		2-5	89%-19%		1-3	92%-7%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	2-5	88%-11%		2-5	88%-11%		1-3	88%-3%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W									
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer									
Legrand	774161	[RL] 40 ~ 400 W - Turn	2-5	94%-17%		2-5	94%-17%		N.A.	N.A.	
Legrand	78401	[RLC] 40 ~ 500W									
Legrand	67081	[RL] 40 ~ 400 W - Turn	2-5	93%-15%		2-5	93%-15%				
Legrand	67082	[RL] 40 ~ 600 W - Turn	2-5	95%-17%		2-5	95%-17%				
Legrand	67083	[RLC] 3 ~ 400W									
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	2-5	93%-13%		2-5	93%-13%		1-3	94%-3%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)	2-5	97%-3%		2-5	97%-3%		1-3	97%-3%	
Legrand	L4402N	[R] 60~500W									
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)	2-5	90%-24%		2-5	90%-24%		1-3	92%-6%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	2-5	89%-4%		2-5	89%-4%		1-3	90%-3%	
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20~420 VA	2-5	95%-12%		2-5	95%-12%		2-3	95%-5%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	2-5	81%-17%		2-5	81%-17%		2-3	81%-5%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	2-5	86%-15%		2-5	86%-15%		2-3	87%-3%	
MK - Electric	K4501 WHILV	[RLC] 180W									
MK - Electric	K4500 WHILV	[RLC] 400W									
NIKO	310-0280X	[LED] 2 ~100 VA									
PEHA	431HAN	[RL] 6~120W [LED] 6~60W									
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	2-5	88%-3%		2-5	88%-3%				
RELCO	RP0977	[LED] 4-100W							1-3	96%-16%	
RELCO	RM0545	[LED] 4-100W							1-3	90%-3%	
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W	2-5	89%-4%		2-5	89%-4%		1-3	90%-3%	
Schneider	SBD315RC (ATD315)(CCTO11533)	[RC] 315W	2-5	89%-4%		2-5	89%-4%		1-3	90%-3%	
Schneider	SBD200 (WDE 002299)	[] 4~400VA - Turn Universal (2wire)	2-5	90%-24%		2-5	90%-24%		1-3	92%-6%	
Schneider	SBD315RC (SBD 315)	[RC] 315W	2-5	89%-4%		2-5	89%-4%		1-3	90%-3%	
VADSBO	ED 350	[RC] 50 ~350W									
VADSBO	DRS 315	[RC] 50 ~315W									
VADSBO	DU 250	[RC] 20 ~250W									
Varilight	HQ3W	[R] 60~400W	2-5	91%-10%		2-5	91%-10%		2-3	92%-3%	
Varilight	ICT401 M	[RC] 20~400W									
Vimar	20148	[RL] 500W	2-5	93%-14%	<6	2-5	93%-14%	<6	1 or 3	92%-3%	
Vimar	14153	[R]									
Vimar	20160	[RC]									
Vimar	20162	[RL] 40~300W	2-5	90%-13%	<6	2-5	90%-13%	<6	1-3	90%-4%	
IKEA	E0902 - Dim	[R] 25~150W	2-5	94%-3%		2-5	94%-3%		1-3	92%-3%	
Philips Dynalite	DDLE801	(100W per channel)	2-5	88%-8%		2-5	88%-8%		1-3	88%-3%	
Philips Dynalite	DDTM102 Module	(460 W per channel)	2-5	90%-4%		2-5	90%-4%		1-3	89%-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
x-y	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
N.A.	Dimmer lamp combination not tested

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			LED Spot			LED Spot			LED Spot		
			MAS LEDspot CLA D 6-50W 827 PAR20 25D 9290023380 MAS LEDspot CLA D 6-50W 830 PAR20 25D 9290023381 MAS LEDspot CLA D 6-50W 840 PAR20 25D 9290023382 MAS LEDspot CLA D 6-50W 827 PAR20 40D 9290023383 MAS LEDspot CLA D 6-50W 830 PAR20 40D 9290023384 MAS LEDspot CLA D 6-50W 840 PAR20 40D 9290023385			MAS LEDspot CLA D 9.5-75W 827 PAR30S 25D 9290023386 MAS LEDspot CLA D 9.5-75W 830 PAR30S 25D 9290023387 MAS LEDspot CLA D 9.5-75W 840 PAR30S 25D 9290023388			MAS LEDspot CLA D 13-100W CRI80 PAR38 25D 9290023390		
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC] 20 ~ 360 W - Turn	1 - 10	91% - 12%		1 - 8	93% - 12%		1 - 5	94% - 13%	
Berker INSTA	283010	[R] 60 ~ 400 W - Turn	1 - 5	93% - 6%		1 - 8	96% - 11%		1 - 5	96% - 12%	
Bticino	L4407	[] 60 ~ 250 W		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
Busch Jaeger ABB	2200 U - 503	[R] 60 ~ 400 W - Turn	1 - 10	93% - 6%		1 - 8	95% - 11%		1 - 8	97% - 57%	
Busch Jaeger ABB	2247 U	[R L] 20 ~ 500 W - Turn	1 - 14	92% - 3%		1 - 11	94% - 3%		1 - 8	95% - 3%	
Busch Jaeger ABB	2250 U	[R] 60 ~ 600 W - Turn	1 - 8	95% - 3%		1 - 13	96% - 3%		1 - 9	96% - 3%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1 - 15	92% - 12%		1 - 9	93% - 12%		1	93% - 12%	
Busch Jaeger ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1 - 14	93% - 3%		1 - 11	95% - 3%		1 - 15	96% - 3%	
Busch Jaeger ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1 - 17	94% - 10%		1 - 11	95% - 12%		1 - 8	93% - 11%	
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1 - 10	92% - 14%		1 - 8	92% - 18%		1 - 5	93% - 15%	
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W	1 - 9	92% - 4%		1 - 7	94% - 4%		1 - 5	94% - 4%	
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W	1 - 12	94% - 7%		1 - 9	96% - 7%			N.A.	N.A.
Ettako	EVD61NPN-UC	400W 3-wire Push Module	1 - 13	98% - 7%		1 - 8	95% - 7%		1 - 6	96% - 8%	
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1 - 10	92% - 14%		1 - 8	92% - 18%		1 - 5	93% - 15%	
Feller Schneider	40300 (SBD315)	[RLC] 300W	1 - 9	92% - 4%		1 - 7	94% - 4%		1 - 5	94% - 4%	
Feller Schneider	40420 (SBD420)	[RLC] 420W	1 - 12	94% - 7%		1 - 9	96% - 7%			N.A.	N.A.
GIRA	1176-00/01	[RLC] 50 ~ 420W	1 - 14	96% - 17%		1 - 9	88% - 7%			N.A.	N.A.
GIRA	2390 00/ 100	[LED] 7 ~ 100W - Push (3wire)	1 - 10	93% - 3%		1 - 9	97% - 3%		1 - 5	94% - 4%	
Hager	EVN 011	[RC] 300VA	1 - 10	98% - 8%		1 - 6	96% - 6%		5	97% - 9%	
Hager	EVN 012	[RC] 300W	1 - 10	98% - 13%		1 - 6	96% - 14%		5	97% - 14%	
Hager	EVN 004	[RL] 500VA	1 - 17	98% - 14%		1 - 11	97% - 14%		8	97% - 14%	
Jung	225 TDE	[RC] 20 ~ 525 W - Turn	1 - 15	98% - 13%		1 - 11	93% - 13%		1 - 8	92% - 14%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1 - 10	92% - 3%		1 - 10	94% - 3%		1 - 8	95% - 3%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1 - 4	93% - 19%		1 - 3	89% - 20%		1 - 2	92% - 21%	
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer	1 - 10	58% - 3%		1 - 6	84% - 3%		1 - 5	81% - 3%	
Legrand	774161	[RL] 40 ~ 400 W - Turn	2 - 11	93% - 6%		1 - 8	96% - 6%		1 - 6	97% - 7%	
Legrand	78401	[RLC] 40 ~ 500W	1 - 13	94% - 7%		5 - 8	93% - 8%			N.A.	N.A.
Legrand	67081	[RL] 40 ~ 400 W - Turn	2 - 9	94% - 5%		1 - 6	96% - 3%		1 - 5	98% - 7%	
Legrand	67082	[RL] 40 ~ 600 W - Turn	2 - 15	94% - 5%		1 - 13	96% - 3%			N.A.	N.A.
Legrand	67083	[RLC] 3 ~ 400W	1 - 3	94% - 3%		1 - 2	89% - 3%		1 - 6	92% - 3%	
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	1 - 11	93% - 8%		1 - 8	94% - 3%			N.A.	N.A.
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)	1 - 9	97% - 3%		1 - 6	98% - 3%			N.A.	N.A.
Legrand	L4402N	[R] 60-500W		N.A.	N.A.		N.A.	N.A.	2 - 3	91% - 15%	
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1 - 10	92% - 14%		1 - 8	92% - 18%		1 - 5	93% - 15%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1 - 9	92% - 4%		1 - 7	94% - 4%		1 - 5	94% - 4%	
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA	1 - 12	94% - 7%		1 - 9	96% - 7%			N.A.	N.A.
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1 - 13	77% - 7%		1 - 5	84% - 5%		1 - 7	88% - 10%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1 - 15	96% - 30%		1 - 7	84% - 5%		1 - 8	93% - 6%	
MK - Electric	K4501 WHILV	[RLC] 180W	1 - 7	92% - 5%		1 - 9	93% - 8%		1 - 3	92% - 8%	
MK - Electric	K4500 WHILV	[RLC] 400W	1 - 11	99% - 29%		1 - 11	93% - 6%		1 - 6	91% - 6%	
NIKO	310-0280X	[LED] 2 -100 VA	1 - 3	96% - 4%		1 - 2	86% - 4%		1 - 2	94% - 5%	
PEHA	431HAN	[RL] 6-120W [LED] 6-60W	1 - 4	95% - 3%		1 - 3	86% - 3%		1 - 2	91% - 3%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1 - 14	93% - 3%		1 - 11	95% - 3%		1 - 15	96% - 3%	
RELCO	RP0977	[LED] 4-100W	1 - 3	99% - 15%		1 - 2	89% - 13%		1 - 2	99% - 17%	
RELCO	RM0545	[LED] 4-100W	1 - 3	92% - 8%		1 - 2	83% - 8%		1 - 3	93% - 9%	
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W	1 - 9	92% - 4%		1 - 7	94% - 4%		1 - 5	94% - 4%	
Schneider	SBD315RC (ATD315)(CCTO11533)	[RC] 315W	1 - 9	92% - 4%		1 - 7	94% - 4%		1 - 5	94% - 4%	
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)	1 - 10	92% - 14%		1 - 8	92% - 18%		1 - 5	93% - 15%	
Schneider	SBD315RC (SBD 315)	[RC] 315W	1 - 9	92% - 4%		1 - 7	94% - 4%		1 - 5	94% - 4%	
VADSBO	ED 350	[RC] 50 ~ 350W	1 - 12	93% - 14%		1 - 7	82% - 13%		1 - 5	90% - 1%	
VADSBO	DRS 315	[RC] 50 ~ 315W	1 - 11	95% - 10%		1 - 7	90% - 10%		1 - 5	94% - 11%	
VADSBO	DU 250	[RC] 20 ~ 250W	1 - 14	96% - 17%		1 - 5	88% - 15%			N.A.	N.A.
Varilight	HQ3W	[R] 60-400W	1 - 8	91% - 5%		1 - 8	95% - 4%		1 - 6	94% - 5%	
Varilight	ICT401 M	[RC] 20-400W	1 - 13	94% - 5%		1 - 8	89% - 5%		1 - 6	93% - 5%	
Vimar	20148	[RL] 500W	1 - 14	92% - 4%		1 - 11	97% - 3%		1 - 8	95% - 5%	
Vimar	14153	[R]	1 - 15	99% - 3%		1 - 11	89% - 3%		1 - 8	96% - 3%	
Vimar	20160	[RC]	1 - 10	95% - 3%		1 - 6	90% - 3%		1 - 8	92% - 3%	
Vimar	20162	[RL] 40-300W	1 - 9	91% - 7%		1 - 6	96% - 8%		1 - 5	35% - 7%	
IKEA	E0902 - Dim	[R] 25-150W	2 - 5	94% - 9%		1 - 3	92% - 3%		1 - 2	98% - 14%	
Philips Dynalite	DDLE801	(100W per channel)									
Philips Dynalite	DDTM102 Module	(460 W per channel)									



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

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			LED Capsule			LED Spot		
			CorePro LEDcapsuleMV 2.6-25W G9 827 D 9290023899	CorePro LEDcapsuleMV 4-40W G9 827 D 9290023900	MASTER LEDspot VLE DimTone 3.7-35W GU10 CR190 9290013500			
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC] 20 ~ 360 W - Turn	1-20	99% - 0%			99% - 0%	
Berker INSTA	283010	[R] 60 ~ 400 W - Turn	1-20	99% - 0%		4-20	98% - 0%	
Bticino	L4407	[] 60 ~ 250 W						
Busch Jaeger ABB	2200 U - 503	[R] 60 ~ 400 W - Turn	2-20	100% - 0%			94% - 0%	
Busch Jaeger ABB	2247 U	[R L] 20 ~ 500 W - Turn	2-20	100% - 0%			98% - 0%	
Busch Jaeger ABB	2250 U	[R] 60 ~ 600 W - Turn	1-20	100% - 0%			100% - 0%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-20	99% - 0%			99% - 0%	
Busch Jaeger ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-20	94% - 0%			98% - 0%	
Busch Jaeger ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)						
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1-16	99% - 0%			99% - 0%	
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W						
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W						
Ettako	EVD61NPN-UC	400W 3-wire Push Module						
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1-16	99% - 0%			99% - 0%	
Feller Schneider	40300 (SBD315)	[RLC] 300W						
Feller Schneider	40420 (SBD420)	[RLC] 420W						
GIRA	1176-00/01	[RLC] 50 ~ 420W						
GIRA	2390 00/ 100	[LED] 7 ~ 100W - Push (3wire)					0% - 0%	
Hager	EVN 011	[RC] 300VA						
Hager	EVN 012	[RC] 300W						
Hager	EVN 004	[RL] 500VA						
Jung	225 TDE	[RC] 20 ~ 525 W - Turn	1-20	99% - 0%			100% - 0%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)					0% - 0%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W						
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer						
Legrand	774161	[RL] 40 ~ 400 W - Turn					0% - 0%	
Legrand	78401	[RLC] 40 ~ 500W						
Legrand	67081	[RL] 40 ~ 400 W - Turn						
Legrand	67082	[RL] 40 ~ 600 W - Turn						
Legrand	67083	[RLC] 3 ~ 400W						
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	1-20	100% - 0%			93% - 0%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)					0% - 0%	
Legrand	L4402N	[R] 60-500W						
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1-16	99% - 0%			99% - 0%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W						
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA	1-20	99% - 0%			99% - 0%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-20	93% - 0%		4-20	98% - 0%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-20	100% - 0%			100% - 0%	
MK - Electric	K4501 WHILV	[RLC] 180W						
MK - Electric	K4500 WHILV	[RLC] 400W						
NIKO	310-0280X	[LED] 2 ~ 100 VA						
PEHA	431HAN	[RL] 6-120W [LED] 6-60W						
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-20	94% - 0%			98% - 0%	
RELCO	RP0977	[LED] 4-100W	1-20	100% - 0%			97% - 0%	
RELCO	RM0545	[LED] 4-100W	1-20	100% - 0%			100% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W						
Schneider	SBD315RC (ATD315)(CCTO11533)	[RC] 315W						
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)						
Schneider	SBD315RC (SBD 315)	[RC] 315W						
VADSBO	ED 350	[RC] 50 ~350W						
VADSBO	DRS 315	[RC] 50 ~315W						
VADSBO	DU 250	[RC] 20 ~250W						
Varilight	HQ3W	[R] 60-400W	2-20	100% - 0%			98% - 0%	
Varilight	ICT401 M	[RC] 20-400W						
Vimar	20148	[RL] 500W						
Vimar	14153	[R]						
Vimar	20160	[RC]						
Vimar	20162	[RL] 40-300W						
IKEA	E0902 - Dim	[R] 25-150W						
Philips Dynalite	DDLE801	(100W per channel)						
Philips Dynalite	DDTM102 Module	(460 W per channel)						

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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			LED Spot								
			CorePro LEDspot D 4-35W GU10 CRI80 9290012186	CorePro LEDspot D 5-50W GU10 CRI80 9290012188	MASTER LEDspot VLE D 5-50W GU10 827 36D 5CT 9290019947 MASTER LEDspot VLE D 5-50W GU10 830 36D 5CT 9290023484						
											
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC] 20 ~ 360 W - Turn	1-14	96% - 25%		2-15	85%-19%		1-14	94% - 24%	
Berker INSTA	283010	[R] 60 ~ 400 W - Turn	1-16	95% - 24%		2-15	88%-19%		1-16	99% - 24%	
Bticino	L4407	[] 60 ~ 250 W					N.A.	N.A.			
Busch Jaeger ABB	2200 U - 503	[R] 60 ~ 400 W - Turn	1-16	97% - 26%		2-15	89%-17%		1-16	98% - 27%	
Busch Jaeger ABB	2247 U	[R L] 20 ~ 500 W - Turn	1-20	96% - 23%		2-18	97%-6%		1-20	98% - 25%	
Busch Jaeger ABB	2250 U	[R] 60 ~ 600 W - Turn	1-20	97% - 1%		2-20	98%-4%		1-20	99% - 1%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-17	96% - 26%		2-15	87%-20%		1-17	95% - 27%	
Busch Jaeger ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-20	93% - 25%		2-20	93%-17%		1-20	95% - 24%	
Busch Jaeger ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)				2-18	96%-18%				
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1-8	96% - 26%		2-15	85%-23%		1-8	96% - 26%	
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W	1-13	96% - 12%		2-11	91%-5%		1-13	94% - 11%	
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W				2-15	97%-13%				
Ettako	EVD61NPN-UC	400W 3-wire Push Module				2-15	99%-14%	< 16			
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1-8	96% - 26%		2-15	85%-23%		1-8	96% - 26%	
Feller Schneider	40300 (SBD315)	[RLC] 300W									
Feller Schneider	40420 (SBD420)	[RLC] 420W									
GIRA	1176-00/01	[RLC] 50 ~ 420W				2-15	95%-32%				
GIRA	2390 00/ 100	[LED] 7 ~ 100W - Push (3wire)				2-18	90%-14%				
Hager	EVN 011	[RC] 300VA				2-11	97%-16%	< 12			
Hager	EVN 012	[RC] 300W				2-11	97%-16%	< 12			
Hager	EVN 004	[RL] 500VA				2-18	97%-16%				
Jung	225 TDE	[RC] 20 ~ 525 W - Turn	1-20	100% - 26%		2-15	87%-22%		1-20	97% - 26%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)				2-20	88%-35%				
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W				2-4	87%-37%				
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer					N.A.	N.A.			
Legrand	774161	[RL] 40 ~ 400 W - Turn					N.A.	N.A.			
Legrand	78401	[RLC] 40 ~ 500W				2-15	92%-16%	< 3			
Legrand	67081	[RL] 40 ~ 400 W - Turn					N.A.	N.A.			
Legrand	67082	[RL] 40 ~ 600 W - Turn					N.A.	N.A.			
Legrand	67083	[RLC] 3 ~ 400W					N.A.	N.A.			
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	1-16	96% - 0%		2-15	88%-15%		1-16	93% - 0%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)				2-11	99%-3%				
Legrand	L4402N	[R] 60-500W				3-18	86%-28%				
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1-8	96% - 26%		2-15	85%-23%		1-8	96% - 26%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-13	96% - 12%		2-11	91%-5%		1-13	94% - 11%	
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA	1-17	96% - 25%		2-15	97%-13%		1-17	97% - 24%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-18	85% - 19%		2-15	77%-15%		1-18	84% - 19%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-20	90% - 17%		2-18	81%-17%		1-20	91% - 16%	
MK - Electric	K4501 WHILV	[RLC] 180W				2-8	90%-19%				
MK - Electric	K4500 WHILV	[RLC] 400W				2-15	88%-19%				
NIKO	310-0280X	[LED] 2 ~ 100 VA				2-4	97%-7%				
PEHA	431HAN	[RL] 6-120W [LED] 6-60W				2-4	87%-10%				
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-20	93% - 25%		2-20	93%-17%		1-20	95% - 24%	
RELCO	RP0977	[LED] 4-100W	1-12	96% - 0%					1-20	98% - 0%	
RELCO	RM0545	[LED] 4-100W	1-20	96% - 18%					1-13	94% - 11%	
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W	1-13	96% - 12%		2-11	91%-5%		1-13	94% - 11%	
Schneider	SBD315RC (ATD315)(CCTO11533)	[RC] 315W	1-13	96% - 12%		2-11	91%-5%		1-13	94% - 11%	
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)				2-15	85%-23%				
Schneider	SBD315RC (SBD 315)	[RC] 315W	1-13	96% - 12%		2-11	91%-5%		1-13	94% - 11%	
VADSBO	ED 350	[RC] 50 ~350W				2-13	88%-29%				
VADSBO	DRS 315	[RC] 50 ~315W				3-11	97%-21%	< 12			
VADSBO	DU 250	[RC] 20 ~250W				2-9	89%-9%	< 10			
Varilight	HQ3W	[R] 60-400W	1-16	96% - 25%		2-15	88%-8%		1-16	95% - 20%	
Varilight	ICT401 M	[RC] 20-400W				2-15	92%-7%				
Vimar	20148	[RL] 500W				2-18	88%-16%	< 4			
Vimar	14153	[R]				2-18	97%-9%				
Vimar	20160	[RC]				2-18	94%-12%	< 19			
Vimar	20162	[RL] 40-300W				2-11	84%-11%	< 4			
IKEA	E0902 - Dim	[R] 25-150W									
Philips Dynalite	DDLE801	(100W per channel)				2-18	88%-9%				
Philips Dynalite	DDTM102 Module	(460 W per channel)				2-16	90%-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

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			LED Bulb								
			MASTER LEDbulb DimTone 5.5-40W E27 CRI90 A60 FR 9290013513	MASTER LEDbulb DimTone 9-60W E27 CRI90 A60 FR 9290013514	MASTER LEDbulb DimTone 11-75W A67 E27 CRI80 FR 9290012005						
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC] 20 ~ 360 W - Turn	1-3	98%-8%		1-3	94%-7%		1-3	87%-10%	
Berker INSTA	283010	[R] 60 ~ 400 W - Turn	1-3	98%-7%		1-3	96%-5%		1-3	93%-10%	
Bticino	L4407	[] 60 ~ 250 W	■	N.A.	N.A.	■	N.A.	N.A.	■	N.A.	N.A.
Busch Jaeger ABB	2200 U - 503	[R] 60 ~ 400 W - Turn	1-3	97%-19%		1-3	94%-9%		1-3	93%-17%	
Busch Jaeger ABB	2247 U	[R L] 20 ~ 500 W - Turn	1-3	99%-3%		1-3	95%-3%		1-3	93%-3%	
Busch Jaeger ABB	2250 U	[R] 60 ~ 600 W - Turn	1-3	97%-3%		1-3	97%-3%		1-3	93%-3%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-3	98%-7%		1-3	95%-6%		1-3	93%-10%	
Busch Jaeger ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-3	83%-3%		1-3	89%-3%		1-3	87%-3%	
Busch Jaeger ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-3	88%-10%		1-3	97%-6%		1-3	98%-10%	
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	■	N.A.	N.A.	2-3	93%-8%		1-3	90%-10%	
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W	1-3	98%-3%		1-3	94%-2%		1-3	87%-3%	
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W	■	N.A.	N.A.	■	N.A.	N.A.	1-3	93%-7%	
Ettako	EVD61NPN-UC	400W 3-wire Push Module	1-3	98%-6%		1-3	99%-3%		1-3	97%-5%	
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	■	N.A.	N.A.	2-3	93%-8%		1-3	90%-10%	
Feller Schneider	40300 (SBD315)	[RLC] 300W	1-3	98%-3%		1-3	94%-2%				
Feller Schneider	40420 (SBD420)	[RLC] 420W	■	N.A.	N.A.	■	N.A.	N.A.			
GIRA	1176-00/01	[RLC] 50 ~ 420W	1-3	99%-19%		■	N.A.	N.A.	1-3	93%-24%	
GIRA	2390 00/ 100	[LED] 7 ~ 100W - Push (3wire)	1-3	97%-31%		1-3	95%-17%		1-3	90%-3%	
Hager	EVN 011	[RC] 300VA	1-3	98%-8%		1-3	99%-7%		1-3	97%-6%	
Hager	EVN 012	[RC] 300W	1-3	98%-12%		1-3	99%-6%		1-3	97%-6%	
Hager	EVN 004	[RL] 500VA	1-3	99%-13%		1-3	99%-6%		1-3	97%-6%	
Jung	225 TDE	[RC] 20 ~ 525 W - Turn	1-3	98%-9%		1-3	96%-8%		1-3	90%-10%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-3	97%-4%					1-3	87%-20%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	■	N.A.	N.A.	1-3	89%-8%		■	N.A.	N.A.
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer	2-3	96%-8%		1-3	96%-4%		■	N.A.	N.A.
Legrand	774161	[RL] 40 ~ 400 W - Turn	■	N.A.	N.A.	2-3	96%-5%		■	N.A.	N.A.
Legrand	78401	[RLC] 40 ~ 500W	1-3	98%-7%		1-3	97%-4%		1-3	94%-7%	
Legrand	67081	[RL] 40 ~ 400 W - Turn	■	N.A.	N.A.	2-3	97%-5%		■	N.A.	N.A.
Legrand	67082	[RL] 40 ~ 600 W - Turn	3	98%-5%		2-3	97%-5%		■	N.A.	N.A.
Legrand	67083	[RLC] 3 ~ 400W	■	N.A.	N.A.	1-2	89%-3%		■	N.A.	N.A.
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	2-3	99%-6%		1-3	98%-6%		1-3	93%-7%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)	1-3	99%-3%		1-3	96%-3%		1-3	93%-3%	
Legrand	L4402N	[R] 60-500W	2-3	97%-13%		2-3	89%-6%		1-3	86%-17%	
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	■	N.A.	N.A.	2-3	93%-8%		1-3	90%-10%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-3	98%-3%		1-3	94%-2%		1-3	87%-3%	
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA	■	N.A.	N.A.	■	N.A.	N.A.	1-3	93%-7%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-3	99%-6%		1-3	84%-5%		1-3	80%-7%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-3	97%-6%		1-3	90%-5%		1-3	83%-7%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-3	96%-7%		1-3	90%-3%		1-3	85%-8%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-3	95%-7%		1-3	90%-3%		1-3	90%-9%	
NIKO	310-0280X	[LED] 2 -100 VA	1-3	98%-3%		1-2	99%-3%				
PEHA	431HAN	[RL] 6-120W [LED] 6-60W	1-3	98%-21%		1-3	92%-3%		1-3	87%-3%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-3	83%-3%		1-3	89%-3%		1-3	87%-3%	
RELCO	RP0977	[LED] 4-100W	1-3	96%-4%		1-2	99%-9%				
RELCO	RM0545	[LED] 4-100W	1-3	98%-8%		1-2	95%-4%				
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W	1-3	98%-3%		1-3	94%-2%		1-3	87%-3%	
Schneider	SBD315RC (ATD315)(CCTO11533)	[RC] 315W	1-3	98%-3%		1-3	94%-2%		1-3	87%-3%	
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)	■	N.A.	N.A.	2-3	93%-8%		1-3	90%-10%	
Schneider	SBD315RC (SBD 315)	[RC] 315W	1-3	98%-3%		1-3	94%-2%		1-3	87%-3%	
VADSBO	ED 350	[RC] 50 ~350W	1-3	99%-25%		1-3	94%-8%		1-3	84%-23%	
VADSBO	DRS 315	[RC] 50 ~315W	■	N.A.	N.A.	■	N.A.	N.A.	1-3	96%-9%	
VADSBO	DU 250	[RC] 20 ~250W	1-3	96%-6%		1-3	90%-3%		1-3	87%-3%	
Varilight	HQ3W	[R] 60-400W	1-3	96%-4%		1-3	96%-3%		1-3	90%-3%	
Varilight	ICT401 M	[RC] 20-400W	1-3	97%-3%		1-3	88%-2%		1-3	89%-3%	
Vimar	20148	[RL] 500W	1-3	97%-5%	<3	1-3	96%-4%	<2	1-3	93%-7%	
Vimar	14153	[R]	2-3	98%-3%		1-3	95%-6%		1-3	98%-3%	
Vimar	20160	[RC]	2-3	95%-3%	<2	1-3	96%-3%	<2	1-3	92%-4%	
Vimar	20162	[RL] 40-300W	1-3	98%-7%	<3	1-3	95%-9%	<2	1-3	90%-7%	
IKEA	E0902 - Dim	[R] 25-150W	1-3	97%-7%		1-3	96%-5%				
Philips Dynalite	DDLE801	(100W per channel)	1-3	96%-3%		1-3	93%-3%		1-3	90%-3%	
Philips Dynalite	DDTM102 Module	(460 W per channel)	1-3	98%-3%		1-3	95%-3%		1-3	90%-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

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			LED Bulb								
			MASTER LEDbulb DimTone 15-100W A67 E27 CR180 FR 929001844			MASTER LEDbulb DimTone 12-75WE27 CR190 A67 FR 9290018686			MASTER LEDbulb DimTone 14-100W E27 CR190 A67 FR 9290022186		
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC] 20 ~ 360 W - Turn	1-3	89%-9%		1-3	90%-8%		1-3	96%-9%	
Berker INSTA	283010	[R] 60 ~ 400 W - Turn	1-3	91%-9%		1-3	92%-6%		1-3	96%-9%	
Bticino	L4407	[] 60 ~ 250 W		N.A.	N.A.						
Busch Jaeger ABB	2200 U - 503	[R] 60 ~ 400 W - Turn	1-3	91%-22%		1-3	93%-10%		1-3	97%-13%	
Busch Jaeger ABB	2247 U	[R L] 20 ~ 500 W - Turn	1-3	93%-3%		1-3	93%-3%		1-3	97%-3%	
Busch Jaeger ABB	2250 U	[R] 60 ~ 600 W - Turn	1-3	93%-3%		1-3	94%-3%		1-3	99%-3%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-3	91%-10%		1-3	93%-8%		1-3	95%-9%	
Busch Jaeger ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-3	87%-3%		1-3	89%-3%		1-3	92%-3%	
Busch Jaeger ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-3	98%-11%							
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1-3	89%-10%		1-3	88%-9%		1-3	91%-9%	
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W	1-3	84%-3%		1-3	88%-3%		1-3	89%-3%	
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W	1-3	91%-4%		1-3	93%-3%		1-3	92%-5%	
Ettako	EVD61NPN-UC	400W 3-wire Push Module	1-3	97%-5%							
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1-3	89%-10%		1-3	88%-9%		1-3	91%-9%	
Feller Schneider	40300 (SBD315)	[RLC] 300W				1-3	88%-3%		1-3	89%-3%	
Feller Schneider	40420 (SBD420)	[RLC] 420W				1-3	93%-3%		1-3	92%-5%	
GIRA	1176-00/01	[RLC] 50 ~ 420W	1-3	93%-24%							
GIRA	2390 00/ 100	[LED] 7 ~ 100W - Push (3wire)	1-3	87%-4%		1-3	89%-3%		1-3	87%-5%	
Hager	EVN 011	[RC] 300VA	1-3	97%-6%							
Hager	EVN 012	[RC] 300W	1-3	97%-6%							
Hager	EVN 004	[RL] 500VA	1-3	97%-6%							
Jung	225 TDE	[RC] 20 ~ 525 W - Turn	1-3	89%-9%		1-3	93%-9%		1-3	95%-9%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-3	89%-29%		1-3	89%-3%		1-3	90%-5%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W		N.A.	N.A.						
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer		N.A.	N.A.						
Legrand	774161	[RL] 40 ~ 400 W - Turn		N.A.	N.A.	1-3	94%-4%		1-3	86%-8%	
Legrand	78401	[RLC] 40 ~ 500W	1-3	94%-7%							
Legrand	67081	[RL] 40 ~ 400 W - Turn		N.A.	N.A.						
Legrand	67082	[RL] 40 ~ 600 W - Turn		N.A.	N.A.						
Legrand	67083	[RLC] 3 ~ 400W		N.A.	N.A.						
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)		N.A.	N.A.	1-3	93%-3%		1-3	90%-4%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)	1-3	91%-3%		1-3	97%-3%		1-3	98%-3%	
Legrand	L4402N	[R] 60-500W	1-3	86%-18%							
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1-3	89%-10%		1-3	88%-9%		1-3	91%-9%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-3	84%-3%		1-3	88%-3%		1-3	89%-3%	
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA	1-3	91%-4%		1-3	93%-3%		1-3	92%-5%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-3	82%-9%		1-3	80%-6%		1-3	82%-8%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn		N.A.	N.A.	1-3	84%-3%		1-3	88%-7%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-3	85%-8%							
MK - Electric	K4500 WHILV	[RLC] 400W	1-3	90%-9%							
NIKO	310-0280X	[LED] 2 ~ 100 VA									
PEHA	431HAN	[RL] 6-120W [LED] 6-60W	1-3	87%-3%							
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-3	87%-3%							
RELCO	RP0977	[LED] 4-100W				1-3	97%-3%		1-3	94%-12%	
RELCO	RM0545	[LED] 4-100W				1-3	86%-3%		1-3	84%-6%	
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W	1-3	84%-3%		1-3	88%-3%		1-3	89%-3%	
Schneider	SBD315RC (ATD315)(CCTO11533)	[RC] 315W	1-3	84%-3%		1-3	88%-3%		1-3	89%-3%	
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)	1-3	89%-10%		1-3	88%-9%		1-3	91%-9%	
Schneider	SBD315RC (SBD 315)	[RC] 315W	1-3	84%-3%		1-3	88%-3%		1-3	89%-3%	
VADSBO	ED 350	[RC] 50 ~350W	1-3	84%-23%							
VADSBO	DRS 315	[RC] 50 ~315W	1-3	96%-9%							
VADSBO	DU 250	[RC] 20 ~250W	1-3	87%-3%							
Varilight	HQ3W	[R] 60-400W	1-3	91%-4%		1-3	93%-3%		1-3	96%-5%	
Varilight	ICT401 M	[RC] 20-400W	1-3	89%-3%							
Vimar	20148	[RL] 500W	1-3	91%-7%		1-3	92%-3%		1-3	96%-7%	-4
Vimar	14153	[R]	1-3	98%-3%							
Vimar	20160	[RC]	1-3	92%-4%							
Vimar	20162	[RL] 40-300W	1-3	87%-4%		1-3	88%-3%		1-3	91%-5%	-4
IKEA	E0902 - Dim	[R] 25-150W				1-3	90%-4%		1-3	94%-8%	
Philips Dynalite	DDLE801	(100W per channel)	1-3	89%-4%		1-3	86%-3%		1-3	91%-4%	
Philips Dynalite	DDTM102 Module	(460 W per channel)	1-3	89%-3%		1-3	87%-3%		1-3	92%-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

			LED Bulb								
			CorePro LEDbulb D 5-40W A60 CRI90 9290020689 9290020690	CorePro LEDbulb D 8.5-60W A60 CRI90 9290020691 9290020692	CorePro LEDbulb D 10.5-75W A60 CRI90 9290020693 9290020694						
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC] 20 ~ 360 W - Turn	1-3	94%-3%		1-3	95%-3%		1-3	90%-10%	
Berker INSTA	283010	[R] 60 ~ 400 W - Turn	1-3	96%-3%		1-3	92%-11%		1-3	94%-12%	
Bticino	L4407	[] 60 ~ 250 W	■	N.A.	N.A.	■	N.A.	N.A.	■	N.A.	N.A.
Busch Jaeger ABB	2200 U - 503	[R] 60 ~ 400 W - Turn	1-3	98%-9%		1-3	94%-15%		1-3	92%-24%	
Busch Jaeger ABB	2247 U	[R L] 20 ~ 500 W - Turn	■	N.A.	N.A.	1-3	95%-3%		1-3	94%-3%	
Busch Jaeger ABB	2250 U	[R] 60 ~ 600 W - Turn	1-3	99%-3%		1-3	92%-3%		1-3	96%-3%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	■	98%-5%		■	92%-4%		1-3	92%-10%	
Busch Jaeger ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-3	94%-3%		1-3	94%-3%		1-3	82%-3%	
Busch Jaeger ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-3	91%-13%		1-3	92%-19%		1-3	88%-23%	
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	3	91%-3%		1-3	91%-7%		1-3	88%-13%	
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W	1-3	93%-3%		1-3	98%-3%		1-3	88%-3%	
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W	1-3	91%-3%		1-3	93%-3%		1-3	92%-3%	
Ettako	EVD61NPN-UC	400W 3-wire Push Module									
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	3	91%-3%		1-3	91%-7%		1-3	88%-13%	
Feller Schneider	40300 (SBD315)	[RLC] 300W									
Feller Schneider	40420 (SBD420)	[RLC] 420W									
GIRA	1176-00/01	[RLC] 50 ~ 420W	1-3	93%-15%		1-3	93%-13%		1-3	92%-20%	
GIRA	2390 00/ 100	[LED] 7 ~ 100W - Push (3wire)	1-3	94%-3%		1-3	99%-3%		1-3	90%-3%	
Hager	EVN 011	[RC] 300VA	1-3	97%-3%		1-3	97%-3%		1-3	97%-3%	
Hager	EVN 012	[RC] 300W	1-3	97%-3%		1-3	97%-3%		1-3	95%-3%	
Hager	EVN 004	[RL] 500VA	1-3	97%-3%		1-3	97%-3%		1-3	97%-5%	
Jung	225 TDE	[RC] 20 ~ 525 W - Turn	1-3	92%-8%		1-3	93%-7%		1-3	90%-10%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-3	95%-3%		1-3	93%-3%		1-3	90%-28%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-3	84%-12%		1-3	87%-20%		1-3	83%-25%	
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer									
Legrand	774161	[RL] 40 ~ 400 W - Turn	■	N.A.	N.A.	■	N.A.	N.A.	■	N.A.	N.A.
Legrand	78401	[RLC] 40 ~ 500W	1-3	93%-3%		1-3	93%-3%		1-3	92%-5%	
Legrand	67081	[RL] 40 ~ 400 W - Turn	■	N.A.	N.A.	■	N.A.	N.A.	■	N.A.	N.A.
Legrand	67082	[RL] 40 ~ 600 W - Turn	■	N.A.	N.A.	■	N.A.	N.A.	■	N.A.	N.A.
Legrand	67083	[RLC] 3 ~ 400W	■	N.A.	N.A.	■	N.A.	N.A.	■	N.A.	N.A.
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	■	98%-3%		■	92%-3%		1-3	92%-5%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)	■	96%-3%		■	97%-3%		1-3	94%-3%	
Legrand	L4402N	[R] 60-500W	■	N.A.	N.A.	2-3	87%-11%		1-3	85%-17%	
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	3	91%-3%		1-3	91%-7%		1-3	88%-13%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-3	93%-3%		1-3	98%-3%		1-3	88%-3%	
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA	1-3	91%-3%		1-3	93%-3%		1-3	92%-3%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1-3	82%-3%		1-3	84%-6%		1-3	82%-10%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-3	89%-3%		1-3	92%-3%		1-3	78%-8%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-3	87%-3%		1-3	88%-3%		1-3	78%-8%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-3	87%-3%		1-3	87%-3%		1-3	78%-8%	
NIKO	310-0280X	[LED] 2 -100 VA	1-3	96%-4%		1-3	96%-5%		1-3	95%-13%	
PEHA	431HAN	[RL] 6-120W [LED] 6-60W	1-3	85%-12%		1-3	89%-27%		1-3	88%-28%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-3	94%-3%		1-3	94%-3%		1-3	82%-3%	
RELCO	RP0977	[LED] 4-100W									
RELCO	RM0545	[LED] 4-100W									
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W	1-3	93%-3%		1-3	98%-3%		1-3	88%-3%	
Schneider	SBD315RC (ATD315)(CCTO11533)	[RC] 315W	1-3	93%-3%		1-3	98%-3%		1-3	88%-3%	
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)	3	91%-3%		1-3	91%-7%		1-3	88%-13%	
Schneider	SBD315RC (SBD 315)	[RC] 315W	1-3	93%-3%		1-3	98%-3%		1-3	88%-3%	
VADSBO	ED 350	[RC] 50 ~350W	1-3	89%-16%		1-3	85%-11%		1-3	85%-17%	
VADSBO	DRS 315	[RC] 50 ~315W	1-3	92%-3%		1-3	92%-3%		1-3	90%-7%	
VADSBO	DU 250	[RC] 20 ~250W	1-3	87%-3%		1-3	83%-3%		1-3	80%-3%	
Varilight	HQ3W	[R] 60-400W	1-3	95%-3%		1-3	95%-3%		1-3	94%-3%	
Varilight	ICT401 M	[RC] 20-400W									
Vimar	20148	[RL] 500W	■	N.A.	N.A.	1-3	94%-3%		1-3	94%-7%	
Vimar	14153	[R]	1-3	99%-3%		1-3	99%-3%		1-3	97%-3%	
Vimar	20160	[RC]	■	N.A.	N.A.	1-3	92%-3%		1-3	90%-3%	
Vimar	20162	[RL] 40-300W	1-3	95%-5%		1-3	88%-3%		1-3	88%-3%	
IKEA	E0902 - Dim	[R] 25-150W	1-3	96%-2%		1-3	95%-10%		1-3	92%-12%	
Philips Dynalite	DDLE801	(100W per channel)	1-3	92%-3%		1-3	95%-3%		1-3	92%-3%	
Philips Dynalite	DDTM102 Module	(460 W per channel)	1-3	93%-3%		1-3	93%-3%		1-3	92%-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

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			LED Bulb								
			CLA LEDbulb DT 9-60W CRI90 ST64 CL 9290020192 CLA LEDbulb D 8-50W ST64 CRI80 GOLD 9290018959			CLA LEDbulb DT 9-60W CRI90 G93 CL 9290020194 CLA LEDbulb D 8-60W G93 CRI80 CL 9290018957 LEDCLA 8-50W G93 2200K GOLD D 9290019352 CLA LEDbulb D 8-50W G120 CRI80 GOLD 9290018961 LEDCLA 8-60W G120 2700K CL D 9290019353 LEDCLA 8-50W G120 2700K CM D 9290019354			LED giant 6.5-25W E27 G200 4000K smoky D 9290019031 LED giant 6.5-25W E27 A160 4000K smoky D 9290019320 LED giant 6.5-25W E27 T65 4000K smoky D 9290019033		
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC]	20 ~ 360 W - Turn	1-3	93% 3%	1-3	93% 3%	1-3	1-3	91%-6%	
Berker INSTA	283010	[R]	60 ~ 400 W - Turn	1-3	94% 3%	1-3	94% 3%	1-3	1-3	93%-4%	
Bticino	L4407	[]	60 ~ 250 W		N.A.		N.A.				
Busch Jaeger ABB	2200 U - 503	[R]	60 ~ 400 W - Turn	1-3	97% 3%	1-3	97% 3%	1-3	1-3	93%-13%	
Busch Jaeger ABB	2247 U	[R L]	20 ~ 500 W - Turn	1-3	94% 3%	1-3	94% 3%	1-3	1-3	92%-3%	
Busch Jaeger ABB	2250 U	[R]	60 ~ 600 W - Turn	1-3	96% 3%	1-3	96% 3%	1-3	1-3	93%-3%	
Busch Jaeger ABB	6513 U - 102	[RC]	40 ~ 420 W - Turn	1-3	95% 3%	1-3	95% 3%	1-3	1-3	93%-4%	
Busch Jaeger ABB	6523 U	[LED]	2 ~ 100 VA-LED - Turn	1-3	91% 3%	1-3	91% 3%	1-3	1-3	90%-8%	
Busch Jaeger ABB	6526 U	[LED]	2 ~ 100 VA-LED - Push (2wire)	1-3	95% 3%	1-3	95% 3%	1-3	1-3		
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC]	4 ~ 200W(RC) 4-400W(RL)	1-3	94% 6%	1-3	94% 6%	1-3	1-3	92%-6%	
ELKO Schneider	SBD315RC (315 GLE)	[RC]	315W	1-3	83% 3%	1-3	83% 3%	1-3	1-3	90%-3%	
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC]	420W	3	99% 3%	3	99% 3%	3	2-3	95%-5%	
Ettako	EVD61NPN-UC		400W 3-wire Push Module	1-3	99% 3%	1-3	99% 3%	1-3	1-3		
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC]	4 ~ 200W(RC) 4-400W(RL)	1-3	94% 6%	1-3	94% 6%	1-3	1-3	92%-6%	
Feller Schneider	40300 (SBD315)	[RLC]	300W						1-3	90%-3%	
Feller Schneider	40420 (SBD420)	[RLC]	420W						2-3	95%-5%	
GIRA	1176-00/01	[RLC]	50 ~ 420W	1-3	95% 11%	1-3	95% 11%	1-3			
GIRA	2390 00/ 100	[LED]	7 ~ 100W - Push (3wire)	1-3	93% 3%	1-3	93% 3%	1-3	1-3	89%-3%	
Hager	EVN 011	[RC]	300VA	1-3	96% 3%	1-3	96% 3%	1-3			
Hager	EVN 012	[RC]	300W	1-3	98% 3%	1-3	98% 3%	1-3			
Hager	EVN 004	[RL]	500VA	1-3	98% 4%	1-3	98% 4%	1-3			
Jung	225 TDE	[RC]	20 ~ 525 W - Turn	1-3	93% 6%	1-3	93% 6%	1-3	1-3	92%-7%	
Jung	1271LEDDE	[LED]	3 ~ 100W - Push (3wire)	1-3	95% 10%	1-3	95% 10%	1-3	1-3	88%-3%	
Klik aan Klik uit	AWMD-250	[LED]	3- 24W	1-3	86% 3%	1-3	86% 3%	1-3			
Klik aan Klik uit	ACM 300		300W - 3-wire Push LED Dimmer	1-3	80% 3%	1-3	80% 3%	1-3			
Legrand	774161	[RL]	40 ~ 400 W - Turn		N.A.		N.A.			N.A.	
Legrand	78401	[RLC]	40 ~ 500W	1-3	95% 3%	1-3	95% 3%	1-3			
Legrand	67081	[RL]	40 ~ 400 W - Turn		N.A.		N.A.			N.A.	
Legrand	67082	[RL]	40 ~ 600 W - Turn		N.A.		N.A.			N.A.	
Legrand	67083	[RLC]	3 ~ 400W	1-2	87% 5%	1-2	87% 5%	1-2			
Legrand	67084	[RLC]	8 ~ 300 VA - Push LED (3wire)	1-3	95% 3%	1-3	95% 3%	1-3	1-3	94%-3%	
Legrand	67085 (078406)	[RLC]	8 ~ 300 VA - Push LED (3wire)	1-3	98% 3%	1-3	98% 3%	1-3	1-3	97%-3%	
Legrand	L4402N	[R]	60-500W	2-3	87% 5%	2-3	87% 5%	2-3			
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC]	4 ~ 200W(RC) 4-400W(RL)	1-3	94% 6%	1-3	94% 6%	1-3	1-3	92%-6%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC]	315W	1-3	83% 3%	1-3	83% 3%	1-3	1-3	90%-3%	
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC]	20-420 VA	3	99% 3%	3	99% 3%	3	2-3	95%-5%	
MK - Electric	K1535	[R]	65 ~ 450 W - Turn	1-3	84% 3%	1-3	84% 3%	1-3	2-3	81%-5%	
MK - Electric	K1501 WHILV	[R]	60 ~ 500 W - Turn	1-3	87% 3%	1-3	87% 3%	1-3	2-3	87%-3%	
MK - Electric	K4501 WHILV	[RLC]	180W	1-3	91% 9%	1-3	91% 9%	1-3			
MK - Electric	K4500 WHILV	[RLC]	400W	1-3	91% 9%	1-3	91% 9%	1-3			
NIKO	310-0280X	[LED]	2 ~100 VA	1-3	97% 3%	1-3	97% 3%	1-3			
PEHA	431HAN	[RL]	6-120W [LED] 6-60W	1-3	87% 3%	1-3	87% 3%	1-3			
Philips	UID8670	[LED]	2 ~ 100 VA-LED - Push (3wire)	1-3	91% 3%	1-3	91% 3%	1-3			
RELCO	RP0977	[LED]	4-100W						1-3	96%-16%	
RELCO	RM0545	[LED]	4-100W						1-3	90%-3%	
Schneider	SBD315RC (SBD 315, SDD 315)	[RC]	315W	1-3	83% 3%	1-3	83% 3%	1-3	1-3	90%-3%	
Schneider	SBD315RC (ATD315)(CCTO11533)	[RC]	315W	1-3	83% 3%	1-3	83% 3%	1-3	1-3	90%-3%	
Schneider	SBD200 (WDE 002299)	[]	4-400VA - Turn Universal (2wire)	1-3	94% 6%	1-3	94% 6%	1-3	1-3	92%-6%	
Schneider	SBD315RC (SBD 315)	[RC]	315W	1-3	83% 3%	1-3	83% 3%	1-3	1-3	90%-3%	
VADSBO	ED 350	[RC]	50 ~350W	1-3	91% 9%	1-3	91% 9%	1-3			
VADSBO	DRS 315	[RC]	50 ~315W		N.A.		N.A.			N.A.	
VADSBO	DU 250	[RC]	20 ~250W	1-3	87% 3%	1-3	87% 3%	1-3			
Varilight	HQ3W	[R]	60-400W	1-3	93% 3%	1-3	93% 3%	1-3	2-3	92%-3%	
Varilight	ICT401 M	[RC]	20-400W	1-3	87% 3%	1-3	87% 3%	1-3			
Vimar	20148	[RL]	500W	1-3	95% 3%		<2		1 or 3	92%-3%	
Vimar	14153	[R]		1-3	98% 3%	1-3	98% 3%	1-3			
Vimar	20160	[RC]		1-3	92% 3%	1-3	92% 3%	1-3			
Vimar	20162	[RL]	40-300W	1-3	97% 3%		<2		1-3	90%-4%	
IKEA	E0902 - Dim	[R]	25-150W	1-3	97% 3%	1-3	97% 3%	1-3	1-3	92%-3%	
Philips Dynalite	DDL801		(100W per channel)	1-3	89% 3%	1-3	89% 3%	1-3	1-3	88%-3%	
Philips Dynalite	DDTM102 Module		(460 W per channel)	1-3	91% 3%	1-3	91% 3%	1-3	1-3	89%-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

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			LED Bulb								
			LED CLA-giant 6.5-40W E27 G200 GOLD DIM 9290018734 LED CLA-giant 6.5-40W E27 A160 GOLD DIM 9290018735 LED CLA-giant 6.5-40W E27 T65 GOLD DIM 9290018736	LEDCLA 5-30W Mushroom E27 2000K GOLD D 9290019356	CLA LEDbulb DT 9-60W CRI90 A60 9290020190 CLA LEDbulb DT 9-60W CRI90 ST64 9290020192 CLA LEDbulb DT 9-60W CRI90 G93 9290020194 CLA LEDbulb DT 6.7-40W CRI90 A60 9290020196 CLA LEDbulb DT 5.5-40W A60 9290018939 CLA LEDbulb DT 8.5-60W A60 9290018941						
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC] 20 ~ 360 W - Turn	1-3	87% 15%		1-3	99%-3%		1-3	87%-3%	
Berker INSTA	283010	[R] 60 ~ 400 W - Turn	1-2	93% 7%		2-3	99%-3%		1-3	90%-3%	
Bticino	L4407	[] 60 ~ 250 W					N.A.	N.A.		N.A.	N.A.
Busch Jaeger ABB	2200 U - 503	[R] 60 ~ 400 W - Turn	1-3	97% 13%		1-3	99%-7%		1-3	93%-3%	
Busch Jaeger ABB	2247 U	[R L] 20 ~ 500 W - Turn	1-3	92% 3%		1-3	99%-3%		1-3	90%-3%	
Busch Jaeger ABB	2250 U	[R] 60 ~ 600 W - Turn	1-2	91% 12%		2-3	99%-3%		1-3	92%-3%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-3	92% 13%		1-3	99%-3%		1-3	94%-8%	
Busch Jaeger ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-3	84% 16%		1-3	99%-3%		1-3	86%-3%	
Busch Jaeger ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)				1-3	99%-3%		1-3	91%-4%	
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1-3	91% 16%			N.A.	N.A.	1-3	88%-3%	
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W	1-3	91% 3%		2-3	99%-3%		1-3	93%-3%	
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W	3	94% 17%			N.A.	N.A.	1-3	89%-3%	
Ettako	EVD61NPN-UC	400W 3-wire Push Module				1-3	989-3%				
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)					N.A.	N.A.	1-3	88%-3%	
Feller Schneider	40300 (SBD315)	[RLC] 300W				2-3	99%-3%		1-3	93%-3%	
Feller Schneider	40420 (SBD420)	[RLC] 420W					N.A.	N.A.	1-3	89%-3%	
GIRA	1176-00/01	[RLC] 50 ~ 420W				1-3	99%-3%		1-3	93%-5%	
GIRA	2390 00/ 100	[LED] 7 ~ 100W - Push (3wire)	1-3	83% 4%		1-3	99%-3%		1-3	86%-3%	
Hager	EVN 011	[RC] 300VA				1-3	99%-3%		1-3	98%-3%	
Hager	EVN 012	[RC] 300W				1-3	99%-3%		1-3	98%-3%	
Hager	EVN 004	[RL] 500VA				1-3	99%-3%		1-3	98%-3%	
Jung	225 TDE	[RC] 20 ~ 525 W - Turn	1-3	89% 17%		1-3	99%-3%		1-3	93%-3%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-3	83% 4%		1-3	99%-3%		1-3	87%-7%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W					N.A.	N.A.	1-3	82%-4%	
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer				2-3	98%-3%				
Legrand	774161	[RL] 40 ~ 400 W - Turn	3	95% 9%			N.A.	N.A.			N.A.
Legrand	78401	[RLC] 40 ~ 500W				1-3	98%-3%		1-3	96%-3%	
Legrand	67081	[RL] 40 ~ 400 W - Turn								N.A.	N.A.
Legrand	67082	[RL] 40 ~ 600 W - Turn								N.A.	N.A.
Legrand	67083	[RLC] 3 ~ 400W								N.A.	N.A.
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	2-3	92% 8%		1-3	98%-4%		1-3	95%-3%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)	1-3	93% 3%		1-3	98%-3%		1-3	88%-17%	
Legrand	L4402N	[R] 60-500W				2-3	98%-3%			N.A.	N.A.
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)					N.A.	N.A.	1-3	88%-3%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W				2-3	99%-3%		1-3	93%-3%	
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA					N.A.	N.A.	1-3	89%-3%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	1	68% 12%		2-3	92%-3%			N.A.	N.A.
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-2	84% 8%		1 or 3	99%-3%		1-3	85%-3%	
MK - Electric	K4501 WHILV	[RLC] 180W				1-3	98%-3%		1-3	88%-3%	
MK - Electric	K4500 WHILV	[RLC] 400W				1-3	98%-3%		1-3	88%-3%	
NIKO	310-0280X	[LED] 2 ~ 100 VA				1-3	98%-3%		1-3	98%-4%	
PEHA	431HAN	[RL] 6-120W [LED] 6-60W				1-3	97%-3%		1-3	88%-4%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)							1-3	86%-3%	
RELCO	RP0977	[LED] 4-100W	1-3	91% 23%		1-3	99%-3%				
RELCO	RM0545	[LED] 4-100W	1-3	87% 7%		1-3	99%-3%				
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W				2-3	99%-3%		1-3	93%-3%	
Schneider	SBD315RC (ATD315)(CCTO11533)	[RC] 315W				2-3	99%-3%		1-3	93%-3%	
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)					N.A.	N.A.	1-3	88%-3%	
Schneider	SBD315RC (SBD 315)	[RC] 315W				2-3	99%-3%		1-3	93%-3%	
VADSBO	ED 350	[RC] 50 ~350W				1-3	98%-3%		1-3	91%-5%	
VADSBO	DRS 315	[RC] 50 ~315W				3	98%-3%			N.A.	N.A.
VADSBO	DU 250	[RC] 20 ~250W				1-3	91%-3%		1-3	88%-3%	<4
Varilight	HQ3W	[R] 60-400W	1-3	89% 5%		2-3	98%-3%		1-3	92%-3%	
Varilight	ICT401 M	[RC] 20-400W				2-3	87%-3%				
Vimar	20148	[RL] 500W	1-3	94% 8%		1-3	99%-3%	< 2		N.A.	N.A.
Vimar	14153	[R]				3	98%-3%		1-3	98%-3%	
Vimar	20160	[RC]				1-3	99%-3%			N.A.	N.A.
Vimar	20162	[RL] 40-300W	1-3	93% 5%		1-3	99%-3%	< 2		N.A.	N.A.
IKEA	E0902 - Dim	[R] 25-150W	1-3	92% 5%		1-3	98%-3%		1-3	91%-1%	
Philips Dynalite	DDLE801	(100W per channel)	1-3	89% 3%			N.A.	N.A.	1-3	95%-3%	
Philips Dynalite	DDTM102 Module	(460 W per channel)	1-3	86% 3%		1-3	86%-3%		1-3	98%-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
x-y	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
N.A.	Dimmer lamp combination not tested

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			LED Bulb								
			CLA LEDbulb DT6.7-40W E27 CRI90 A60 CL 9290020196			CLA LEDbulb D 12-100W A67 E27 CRI80 CL 9290018829			MASTER LEDcandle DT 4-25W E14 B38 CL 9290011398		
			CLA LEDCandle DT3.5-25W E14 CRI90 B35 CL 9290020179						MASTER LEDcandle DT 4-25W E14 BA38 CL 9290011399		
			CLA LEDCandle DT6-40W E14 CRI90 B35 CL 9290020180						MASTER LEDLustre DT 4-25W E14 P48 CL 9290011400		
			CLA LEDCandle DT6-40W E14 CRI90 BA35 CL 9290020183						MASTER LEDLustre DT 4-25W E27 P48 CL 9290011401		
			CLA LEDLuster DT3.5-25W E27 CRI90 P45 CL 9290020184								
			CLA LEDLuster DT3.5-25W E14 CRI90 P45 CL 9290020185								
			CLA LEDLuster DT6-40W E27 CRI90 P45 CL 9290020186								
			CLA LEDLuster DT6-40W E14 CRI90 P45 CL 9290020188								
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC] 20 ~ 360 W - Turn	1-3	87%-3%		1-3	92% 14%		2-18	96%-3%	
Berker INSTA	283010	[R] 60 ~ 400 W - Turn	1-3	90%-3%		1-3	98% 14%		2-20	89%-3%	
Bticino	L4407	[] 60 ~ 250 W		N.A.	N.A.					N.A.	N.A.
Busch Jaeger ABB	2200 U - 503	[R] 60 ~ 400 W - Turn	1-3	93%-3%		1-3	97% 7%		2-20	92%-3%	
Busch Jaeger ABB	2247 U	[R L] 20 ~ 500 W - Turn	1-3	90%-3%		1-3	98% 3%		2-25	91%-3%	
Busch Jaeger ABB	2250 U	[R] 60 ~ 600 W - Turn	1-3	92%-3%		1-3	98% 15%		2-30	88%-3%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-3	94%-8%		1-3	96% 13%		2-21	94%-3%	
Busch Jaeger ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	1-3	86%-3%		1-3	94% 19%		2-20	84%-3%	
Busch Jaeger ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	1-3	91%-4%					2-20	88%-7%	<-4
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1-3	88%-3%		1-3	90% 15%		2-20	95%-3%	
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W	1-3	93%-3%		1-3	90% 3%		2-15	88%-3%	
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W	1-3	89%-3%		1-3	93% 15%		2-20	91%-3%	
Ettako	EVD61NPN-UC	400W 3-wire Push Module									
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1-3	88%-3%		1-3	90% 15%		2-20	95%-3%	
Feller Schneider	40300 (SBD315)	[RLC] 300W	1-3	93%-3%		1-3	90% 3%				
Feller Schneider	40420 (SBD420)	[RLC] 420W	1-3	89%-3%		1-3	93% 15%				
GIRA	1176-00/01	[RLC] 50 ~ 420W	1-3	93%-5%					2-20	95%-7%	<-7
GIRA	2390 00/ 100	[LED] 7 ~ 100W - Push (3wire)	1-3	86%-3%		1-3	97%5%		2-25	94%-3%	
Hager	EVN 011	[RC] 300VA	1-3	98%-3%						95%-4%	<-7
Hager	EVN 012	[RC] 300W	1-3	98%-3%						95%-4%	<-7
Hager	EVN 004	[RL] 500VA	1-3	98%-3%						95%-7%	<-7
Jung	225 TDE	[RC] 20 ~ 525 W - Turn	1-3	93%-3%		1-3	94% 16%		2-26	89%-3%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	1-3	87%-7%		1-3	97%3%		2-25	93%-4%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	1-3	82%-4%						78%-7%	<-6
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer									
Legrand	774161	[RL] 40 ~ 400 W - Turn			N.A.		N.A.	N.A.		N.A.	N.A.
Legrand	78401	[RLC] 40 ~ 500W	1-3	96%-3%					2-20	95%-4%	<-7
Legrand	67081	[RL] 40 ~ 400 W - Turn		N.A.	N.A.					N.A.	N.A.
Legrand	67082	[RL] 40 ~ 600 W - Turn		N.A.	N.A.					N.A.	N.A.
Legrand	67083	[RLC] 3 ~ 400W		N.A.	N.A.					N.A.	N.A.
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	1-3	95%-3%		1-3	98% 4%			N.A.	N.A.
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)	1-3	88%-17%		1-3	94% 3%		2-15	94%-3%	
Legrand	L4402N	[R] 60-500W		N.A.	N.A.					79%-4%	
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	1-3	88%-3%		1-3	90% 15%		2-20	95%-3%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	1-3	93%-3%		1-3	90% 3%		2-15	88%-3%	
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA	1-3	89%-3%		1-3	93% 15%		2-20	91%-3%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn		N.A.	N.A.	1-3	84% 16%		2-23	79%-3%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	1-3	85%-3%		1-3	91% 8%		2-25	88%-3%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-3	88%-3%						83%-3%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-3	88%-3%						83%-3%	
NIKO	310-0280X	[LED] 2 ~ 100 VA	1-3	98%-4%					2-5	96%-5%	
PEHA	431HAN	[RL] 6-120W [LED] 6-60W	1-3	88%-4%						82%-7%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	1-3	86%-3%					2-20	84%-3%	
RELCO	RP0977	[LED] 4-100W				1-3	99% 23%				
RELCO	RM0545	[LED] 4-100W				1-3	83% 6%				
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W	1-3	93%-3%		1-3	90% 3%		2-15	88%-3%	
Schneider	SBD315RC (ATD315)(CCTO11533)	[RC] 315W	1-3	93%-3%		1-3	90% 3%		2-15	88%-3%	
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)	1-3	88%-3%		1-3	90% 15%		2-20	95%-3%	
Schneider	SBD315RC (SBD 315)	[RC] 315W	1-3	93%-3%		1-3	90% 3%		2-15	88%-3%	
VADSBO	ED 350	[RC] 50 ~ 350W	1-3	91%-5%					2-18	88%-7%	
VADSBO	DRS 315	[RC] 50 ~ 315W		N.A.	N.A.				4-16	89%-4%	
VADSBO	DU 250	[RC] 20 ~ 250W	1-3	88%-3%	<-4				2-13	86%-3%	
Varilight	HQ3W	[R] 60-400W	1-3	92%-3%		1-3	96% 3%		2-20	91%-3%	
Varilight	ICT401 M	[RC] 20-400W									
Vimar	20148	[RL] 500W		N.A.	N.A.	1-3	97% 8%		6-25	90%-3%	<-6
Vimar	14153	[R]	1-3	98%-3%					2-20	99%-3%	
Vimar	20160	[RC]		N.A.	N.A.					89%-3%	
Vimar	20162	[RL] 40-300W		N.A.	N.A.	1-3	92% 3%		6-15	92%-3%	<-6
IKEA	E0902 - Dim	[R] 25-150W	1-3	91%-1%		1-3	92% 8%				
Philips Dynalite	DDLE801	(100W per channel)	1-3	95%-3%		1-2	96% 3%		2-20	89%-3%	
Philips Dynalite	DDTM102 Module	(460 W per channel)	1-3	98%-3%		1-3	94% 3%		2-20	92%-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
x-y	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
N.A.	Dimmer lamp combination not tested

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			LED Bulb								
			MASTER LEDcandle DT 6-40W B15 B38 CL 9290011403 MASTER LEDcandle DT 6-40W E14 B38 CL 9290011404 MASTER LEDcandle DT 6-40W E14 BA38 CL 9290011405 MASTER LEDlustre DT 6-40W E14 P48 CL 9290011406 MASTER LEDlustre DT 6-40W E27 P48 CL 9290011407 MASTER LEDcandle DT 6-40W B22 B38 CL 9290011408 MASTER LEDlustre DT 6-40W B22 P48 CL 9290011573 MASTER LEDcandle DT 6-40W E27 B38 CL 9290011579			CLA LEDCandle D 5-32W B35 E14 CR180 GOLD 9290018963 CLA LEDLuster D 5-32W P45 E27 CR180 GOLD 9290018964 CLA LEDCandle D 5-32W BA35 E14 CR180 GOLD 9290018965 CLA LEDLuster D 5-32W P45 E14 CR180 GOLD 9290018966			CLA LED candle DT3.5-25W E14 CR190 B35 9290020179 CLA LEDluster DT3.5-25W E27 CR190 P45 9290020184 CLA LEDluster DT3.5-25W E14 CR190 P45 9290020185		
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC] 20 ~ 360 W - Turn	2-12	93%-3%		2 - 10	94% - 3%		2 - 8	99%-3%	
Berker INSTA	283010	[R] 60 ~ 400 W - Turn	2-13	89%-3%		2 - 10	97%- 3%		2 - 8	99%-3%	
Bticino	L4407	[] 60 ~ 250 W		N.A.	N.A.					N.A.	N.A.
Busch Jaeger ABB	2200 U - 503	[R] 60 ~ 400 W - Turn	2-13	92%-3%		2 - 10	97%- 11%		2 - 8	99%-12%	
Busch Jaeger ABB	2247 U	[R L] 20 ~ 500 W - Turn	2-17	91%-3%		2 - 10	97%- 3%		2 - 8	99%-3%	
Busch Jaeger ABB	2250 U	[R] 60 ~ 600 W - Turn	2-20	93%-3%		2 - 10	95%- 3%		3 - 8	99%-3%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	2-14	91%-3%		3 - 10	97%- 3%		2 - 8	99%-3%	
Busch Jaeger ABB	6523 U	[LED] 2 ~ 100 VA-LED - Turn	2-17	83%-3%		2 - 10	97%- 3%		2 - 6	99%-3%	
Busch Jaeger ABB	6526 U	[LED] 2 ~ 100 VA-LED - Push (2wire)	2-17	88%-5%	< 6				2 - 20	97%-3%	
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	2-13	92%-3%		5 - 10	96%- 3%		2 - 8	99%-3%	
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W	2-11	87%-0%		5 - 10	97%- 3%		3 - 8	99%-3%	
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W	2-14	90%-3%			N.A.	N.A.	3 - 8	99%-3%	
Ettako	EVD61NPN-UC	400W 3-wire Push Module							2 - 16	96%-3%	
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	2-13	92%-3%		5 - 10	96%- 3%		2 - 8	99%-3%	
Feller Schneider	40300 (SBD315)	[RLC] 300W				5 - 10	97%- 3%		3 - 8	99%-3%	
Feller Schneider	40420 (SBD420)	[RLC] 420W					N.A.	N.A.	3 - 8	99%-3%	
GIRA	1176-00/01	[RLC] 50 ~ 420W	2-14	95%-5%	< 9				2 - 17	97%-3%	
GIRA	2390 00/ 100	[LED] 7 ~ 100W - Push (3wire)	2-17	92%-3%		2 - 10	97%- 3%		2 - 8	99%-19%	
Hager	EVN 011	[RC] 300VA	2-10	96%-3%	< 10				2 - 12	96%-3%	
Hager	EVN 012	[RC] 300W	2-10	95%-3%	< 10				2 - 12	96%-3%	
Hager	EVN 004	[RL] 500VA	2-17	96%-4%	< 11				2 - 20	96%-3%	
Jung	225 TDE	[RC] 20 ~ 525 W - Turn	2-18	89%-3%		2 - 10	94%- 3%		2 - 8	99%-3%	
Jung	1271LEDDE	[LED] 3 ~ 100W - Push (3wire)	2-17	92%-3%		2 - 10	95%- 3%		2 - 8	99%-3%	
Klik aan Klik uit	AWMD-250	[LED] 3~ 24W	2-4	77%-4%	< 5				2 - 5	93%-4%	
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer							2 - 12	96%-3%	
Legrand	774161	[RL] 40 ~ 400 W - Turn		N.A.	N.A.		N.A.	N.A.	3 - 8	99%-3%	
Legrand	78401	[RLC] 40 ~ 500W	2-13	93%-4%	< 9				2 - 16	95%-3%	
Legrand	67081	[RL] 40 ~ 400 W - Turn		N.A.	N.A.				3 - 8	99%-3%	
Legrand	67082	[RL] 40 ~ 600 W - Turn		N.A.	N.A.				3 - 8	99%-3%	
Legrand	67083	[RLC] 3 ~ 400W		N.A.	N.A.				2 - 16	95%-3%	
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)		N.A.	N.A.	2 - 10	97%- 3%		2 - 8	99%-3%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)	2-10	91%-3%		2 - 10	94%- 3%		2 - 8	99%-3%	
Legrand	L4402N	[R] 60-500W	8-17	79%-4%					3 - 20	95%-3%	
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 ~ 200W(RC) 4-400W(RL)	2-13	92%-3%		5 - 10	96%- 3%		2 - 8	99%-3%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	2-11	87%-3%		5 - 10	97%- 3%		3 - 8	99%-3%	
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA	2-14	90%-3%			N.A.	N.A.	3 - 8	99%-3%	
MK - Electric	K1535	[R] 65 ~ 450 W - Turn	2-15	77%-3%		2 - 10	97%- 3%		3 - 8	99%-3%	
MK - Electric	K1501 WHILV	[R] 60 ~ 500 W - Turn	2-17	87%-3%		2 - 10	97%- 3%		3 - 8	99%-3%	
MK - Electric	K4501 WHILV	[RLC] 180W	2-7	82%-3%					3 - 9	96%-3%	
MK - Electric	K4500 WHILV	[RLC] 400W		N.A.	N.A.				8 - 16	96%-3%	
NIKO	310-0280X	[LED] 2 ~ 100 VA	2-3	96%-4%					2 - 4	94%-3%	
PEHA	431HAN	[RL] 6-120W [LED] 6-60W	2-4	82%-5%					2 - 5	96%-3%	
Philips	UID8670	[LED] 2 ~ 100 VA-LED - Push (3wire)	2-17	83%-3%					2 - 6	99%-3%	
RELCO	RP0977	[LED] 4-100W				2 - 10	97%- 3%		2 - 4	96%-3%	
RELCO	RM0545	[LED] 4-100W				2 - 10	97%- 3%			N.A.	N.A.
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W	2-11	87%-3%		5 - 10	97%- 3%		3 - 8	99%-3%	
Schneider	SBD315RC (ATD315)(CCTO11533)	[RC] 315W	2-11	87%-3%		5 - 10	97%- 3%		3 - 8	99%-3%	
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)	2-13	92%-3%		5 - 10	96%- 3%		2 - 8	99%-3%	
Schneider	SBD315RC (SBD 315)	[RC] 315W	2-11	87%-3%		5 - 10	97%- 3%		3 - 8	99%-3%	
VADSBO	ED 350	[RC] 50 ~ 350W	2-12	84%-4%					2 - 14	95%-3%	
VADSBO	DRS 315	[RC] 50 ~ 315W	5-11	91%-4%	< 12				3 - 13	95%-3%	
VADSBO	DU 250	[RC] 20 ~ 250W	2-8	79%-3%	< 8				2 - 10	85%-3%	
Variilight	HQ3W	[R] 60-400W	2-13	90%-3%		2 - 10	96%- 3%		3 - 8	99%-3%	
Variilight	ICT401 M	[RC] 20-400W							3 - 16	90%-3%	
Vimar	20148	[RL] 500W	4-17	92%-3%	< 4	2 - 10	97%- 3%		2 - 8	99%-3%	< 2
Vimar	14153	[R]	2-17	96%-3%	< 7				5 - 20	96%-3%	
Vimar	20160	[RC]	2-10	89%-3%	< 11				2 - 20	96%-3%	
Vimar	20162	[RL] 40-300W	4-10	86%-3%	< 4	2 - 10	97%- 3%		2 - 8	99%-3%	< 2
IKEA	E0902 - Dim	[R] 25-150W				2 - 6	97%- 3%		2 - 8	99%-3%	
Philips Dynalite	DDL801	(100W per channel)	2-17	91%-3%		2 - 10	97%- 3%		5 - 8	94%-3%	
Philips Dynalite	DDTM102 Module	(460 W per channel)	2-15	91%-3%		2 - 10	97%- 3%		2 - 8	95%-3%	

- #1) Dimmers are tested with the number of LED light sources mentioned in the column "Dimming performance". A number of LED light sources outside the listed range may result in less optimal behavior. Although not specifically tested, some dimmers can be loaded with more light sources than specified in this document.
 - #1a) 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.
 - #1b) LED dimmers can be loaded up to the specified maximum dimmer power (Wattage).
- #2) Always study the packaging of LED light sources if these can be used in combination with occupancy/motion sensors.
- #3) Glowing means: when connected to a dimmer in its off-state, a LED light source may still emit a small, yet visible amount of light. This may e.g. occur if a low quantity of LED light sources is connected.
- #4) "Dimming range" color indications and criteria (all percentages relate to the LED light source full power):
 - Green cell: minimum dimming level is below 10% and maximum level at least 80%.
 - Yellow cell: minimum dimming level is between 10% and 20% (inclusive) AND maximum level is above or equal to 80%.
 - Red cell: not compatible.
 - Grey cell: the dimmer - LED light source combination is not applicable.
 - White cell: no data available.
- #5) Various dimmer suppliers offer "active loads" to optimize dimming performance in case of light source-dimmer system issues. (e.g. Busch Jaeger Compensator 6596).
- #6) This list is based on measurements performed in a lab environment at nominal mains voltage, different mains voltages may result in a different dimming range.
- #7) Dimmer manufacturers may change the technical design of their dimmer without informing Philips / Signify. Such changes may affect the performance when used in combination with LED light sources.
- #8) In general Philips dimmable LED light sources can be dimmed with any type of dimmer (type R, RL, RC or RLC).
- #9) Mixed loads may give unexpected dimming behavior or even result in defects, for which Philips / Signify cannot be held responsible.
- #10) LED light source are dimmable across the indicated dimming range, but may exhibit minor flickering at distinct dim settings.
- #11) The information contained here is believed to be accurate at the time it was published, but is provided "AS IS".



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Data subject to change.

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