

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 disclaimer on last page
	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								
											
			<p>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 LEDBulbD 3.4-40W B22 A60 927FR 9290030102</p>	<p>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</p>			<p>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</p>				
			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								N.A.	N.A.
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		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									
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	1-2	100% - 24%			N.A.	N.A.	1	100% - 2%	
GIRA	2390 00/ 100	[LED] 7 - 100W - Push (3wire)									
Hager	EVN 011	[RC] 300VA	2	99% - 0%		1	99% - 0%		1	100% - 0%	
Hager	EVN 012	[RC] 300W	2	99% - 0%		1	99% - 0%		1	100% - 0%	
Hager	EVN 004	[RL] 500VA	1	97% - 0%		1-2	100% - 0%		1	100% - 0%	
Jung	225 TDE	[RC] 20 - 525 W - Turn	1-15	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		N.A.	N.A.	1	99% - 3%		1	98% - 1%	
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer									
Legrand	774161	[RL] 40 - 400 W - Turn									
Legrand	78401	[RLC] 40 - 500W		N.A.	N.A.	1	99% - 0%		1	100% - 0%	
Legrand	67081	[RL] 40 - 400 W - Turn									
Legrand	67082	[RL] 40 - 600 W - Turn									
Legrand	67083	[RLC] 3 - 400W	1	85% - 0%		1	99% - 0%		1	98% - 0%	
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	1	100% - 0%		1	99% - 0%		1	100% - 0%	
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	K1501WHILV	[R] 60 - 500 W - Turn	1-15	99% - 0%		1-17	99% - 0%		1-4	96% - 0%	
MK - Electric	K4501WHILV	[RLC] 180W	1	91% - 10%		1	99% - 4%		1	100% - 0%	
MK - Electric	K4500WHILV	[RLC] 400W	1-2	90% - 8%		1	99% - 3%		1	99% - 0%	
NIKO	310-0280X	[LED] 2 - 100 VA	1	98% - 2%		1	99% - 9%		1	98% - 0%	
PEHA	431HAN	[RL] 6-120W [LED] 6-60W	1	95% - 0%			N.A.	N.A.		N.A.	N.A.
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		N.A.	N.A.	1	100% - 0%		1	99% - 0%	
VADSBO	DRS 315	[RC] 50 - 315W		N.A.	N.A.	1	100% - 0%		1	100% - 0%	
VADSBO	DU 250	[RC] 20 - 250W		N.A.	N.A.	1	100% - 0%		1	100% - 0%	
Varilight	HQ3W	[R] 60-400W	1-15	99% - 0%		3-15	97% - 0%		1-4	96% - 0%	
Varilight	ICT401 M	[RC] 20-400W	1-2	93% - 0%		1	100% - 0%		1	100% - 0%	
Vimar	20148	[RL] 500W									
Vimar	14153	[R]	2-3	96% - 0%		1-2	98% - 0%			N.A.	N.A.
Vimar	20160	[RC]	1-2	90% - 0%		1	100% - 0%		1	100% - 0%	
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 disclaimer on last page
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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 MAS VLE LEDLusterDT3.5-40W E27 927P45FRG 9290030136		
											
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC] 20 - 360 W - Turn		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	89% - 17%	1		N.A.	N.A.		N.A.	N.A.
Busch Jaeger ABB	2247 U	[R L] 20 - 500 W - Turn	1-8	96% - 41%		2-9	43% - 0%		2-20	96% - 0%	
Busch Jaeger ABB	2250 U	[R] 60 - 600 W - Turn	1-10	97% - 0%		1-20	97% - 0%		1-20	96% - 0%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 - 420 W - Turn	1-11	98% - 0%			N.A.	N.A.	1-20	96% - 0%	
Busch Jaeger ABB	6523 U	[LED] 2 - 100 VA-LED - Turn	1-8	96% - 14%		1-20	98% - 0%		1-20	97% - 0%	
Busch Jaeger ABB	6526 U	[LED] 2 - 100 VA-LED - Push (2wire)	1-10	99% - 9%		1-20	98% - 0%		1-20	92% - 0%	
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	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	1	97% - 19%			N.A.	N.A.	1-2	95% - 4%	
GIRA	2390 00/ 100	[LED] 7 - 100W - Push (3wire)									
Hager	EVN 011	[RC] 300VA	1	99% - 14%		1-2	97% - 0%		1-2	95% - 0%	
Hager	EVN 012	[RC] 300W	1	100% - 14%		1-2	98% - 0%		1-2	97% - 0%	
Hager	EVN 004	[RL] 500VA	1	98% - 14%		1-4	96% - 0%		1-3	97% - 0%	
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	1	94% - 18%		1	97% - 0%		1	97% - 2%	
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer									
Legrand	774161	[RL] 40 - 400 W - Turn									
Legrand	78401	[RLC] 40 - 500W	1	99% - 0%		1-3	96% - 0%		1-2	95% - 0%	
Legrand	67081	[RL] 40 - 400 W - Turn									
Legrand	67082	[RL] 40 - 600 W - Turn									
Legrand	67083	[RLC] 3 - 400W	1	96% - 7%		1	90% - 0%		1-2	99% - 0%	
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		N.A.	N.A.	1	78% - 0%		1	93% - 0%	
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	1	96% - 5%		1-2	91% - 0%		1	98% - 0%	
MK - Electric	K4500 WHILV	[RLC] 400W	1	96% - 5%		2-3	91% - 0%		2	95% - 0%	
NIKO	310-0280X	[LED] 2 - 100 VA	1	98% - 24%		1	97% - 0%		1	99% - 1%	
PEHA	431HAN	[RL] 6-120W [LED] 6-60W		N.A.	N.A.	1	94% - 0%		1	96% - 0%	
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)(CCT011533)	[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	1	94% - 32%		1-3	98% - 1%		1-2	98% - 1%	
VADSBO	DRS 315	[RC] 50 - 315W	1	98% - 2%	1	2-3	95% - 0%		1-2	98% - 0%	
VADSBO	DU 250	[RC] 20 - 250W	1	96% - 18%	1	1-2	88% - 0%		1	98% - 0%	
Varilight	HQ3W	[R] 60-400W	1-8	98% - 19%			N.A.	N.A.	2-20	97% - 0%	
Varilight	ICT401 M	[RC] 20-400W	1	95% - 5%		1-3	87% - 0%		1-2	94% - 0%	
Vimar	20148	[RL] 500W									
Vimar	14153	[R]	1	100% - 3%			N.A.	N.A.		N.A.	N.A.
Vimar	20160	[RC]	1	96% - 3%	1	1-2	90% - 0%		1-2	95% - 0%	
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 Bulb			LED Spot			LED Bulb		
			MAS VLE LEDBulbDT10.5-100W B22 927A60CLG 9290030116 MAS VLE LEDBulbD10.5-100W B22 A60 927FRG 9290030118 MAS VLE LEDBulbD10.5-100W B22 A60 927FRG UK 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 CoreProLEDspot 3-35W GU10 830 36D DIM UK 9290020682			MAS VLE LEDBulbD7.2-50W E27 A60 927 CM G 9290024128 LED classic CM 50W A60 E27 WW CL D SRT4 9290024128 LED classic 50W G120 E27 WW CM D RF 9290024129		
											
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
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		N.A.	N.A.			N.A.		N.A.	N.A.
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	1	100% - 33%		1-20	92% - 44%	1-6		N.A.	N.A.
GIRA	2390 00/ 100	[LED] 7 - 100W - Push (3wire)									
Hager	EVN 011	[RC] 300VA	1	100% - 15%		1-20	95% - 33%	1-7	1	96% - 0%	
Hager	EVN 012	[RC] 300W	1	100% - 15%		1-20	96% - 44%	1-7	1	95% - 0%	
Hager	EVN 004	[RL] 500VA	1	99% - 15%		1-20	96% - 34%	1-8	1-2	94% - 0%	
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	1	94% - 18%		1-8	77% - 31%	1-7	1	97% - 2%	
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer									
Legrand	774161	[RL] 40 - 400 W - Turn									
Legrand	78401	[RLC] 40 - 500W	1	96% - 0%		1-20	88% - 5%	1-6	1-2	93% - 0%	
Legrand	67081	[RL] 40 - 400 W - Turn									
Legrand	67082	[RL] 40 - 600 W - Turn									
Legrand	67083	[RLC] 3 - 400W	1	97% - 7%		1-5	89% - 17%	1	1	85% - 0%	
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	1	99% - 12%			N.A.	N.A.	1	92% - 0%	
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	1	96% - 5%		1-15	74% - 19%		1	94% - 0%	
MK - Electric	K4500 WHILV	[RLC] 400W	1	98% - 4%		1-20	74% - 18%		1	94% - 0%	
NIKO	310-0280X	[LED] 2 - 100 VA	1	99% - 26%		1-7	93% - 30%		1	98% - 2%	
PEHA	431HAN	[RL] 6-120W [LED] 6-60W		N.A.	N.A.					N.A.	N.A.
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)(CCT011533)	[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	1	99% - 36%		1-20	92% - 66%		1	94% - 0%	
VADSBO	DRS 315	[RC] 50 - 315W		N.A.	N.A.		N.A.	N.A.	1	94% - 0%	
VADSBO	DU 250	[RC] 20 - 250W	1	99% - 19%	1	1-17	87% - 62%	1-17	1	94% - 0%	
Varilight	HQ3W	[R] 60-400W	1	99% - 4%			N.A.	N.A.	2-11	99% - 0%	
Varilight	ICT401 M	[RC] 20-400W	1	98% - 3%		1-20	92% - 1%		1-2	93% - 0%	
Vimar	20148	[RL] 500W									
Vimar	14153	[R]	1	100% - 2%		1-20	90% - 24%	1-5		N.A.	N.A.
Vimar	20160	[RC]	1	99% - 2%	1	1-20	80% - 18%	1-20	1	94% - 0%	
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 disclaimer on last page
	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 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 9290029830			MAS VLE LEDCandleD2.5-15WE14 B35GOLDSP G 9290029832 MAS VLE LEDLusterD 2.6-15W E14 P45 SP G 9290029833 MAS VLE LEDBulbD 2.6-15W E27 GOLDP45SP G 9290029834			LED classic 25W ST64 E27 pink D SRT4 9290024537 LED classic 25W G93 E27 pink D 1PF/4 9290024538 LED CLA giant 25W E27 G200 pink DIM 9290024539 LED classic 25W ST64 E27 gradient D SRT 9290024540 LED classic 25W G120 E27 gradient D 1PF 9290024541 LED CLA giant 28W E27 G200 gradient D 9290024542		
			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%		1-10	97% - 0%	
Berker INSTA	283010	[R] 60 - 400 W - Turn	1-10	100% - 0%		1-10	97% - 0%		2-10	97% - 0%	
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	2-10	97% - 0%		2-10	71% - 0%		2-10	94% - 0%	
Busch Jaeger ABB	2247 U	[R L] 20 - 500 W - Turn	1-10	100% - 0%		1-10	96% - 0%		1-10	95% - 0%	
Busch Jaeger ABB	2250 U	[R] 60 - 600 W - Turn	2-10	100% - 0%		2-10	99% - 0%		2-10	95% - 0%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 - 420 W - Turn	2-10	98% - 8%		2-10	95% - 0%		1-10	97% - 0%	
Busch Jaeger ABB	6523 U	[LED] 2 - 100 VA-LED - Turn	1-10	100% - 0%		1-10	99% - 0%		1-10	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)	1-10	99% - 0%		1-10	89% - 0%				
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W									
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W							1-10	95% - 0%	
Ettako	EVD6INPN-UC	400W 3-wire Push Module									
Feller Schneider	40200 (SBD200LED CCTCHI0601)	[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		N.A.	N.A.		N.A.	N.A.	1-3	99% - 0%	
GIRA	2390 00/100	[LED] 7 - 100W - Push (3wire)									
Hager	EVN 011	[RC] 300VA	1-3	97% - 0%		1-3	99% - 1%		1-3	100% - 0%	
Hager	EVN 012	[RC] 300W	1-3	97% - 0%		1-3	99% - 1%		1-3	100% - 0%	
Hager	EVN 004	[RL] 500VA	1-3	97% - 0%		1-3	99% - 1%		1-3	99% - 0%	
Jung	225 TDE	[RC] 20 - 525 W - Turn	1-10	98% - 0%		1-10	85% - 0%		1-10	94% - 0%	
Jung	1271LEDD	[LED] 3 - 100W - Push (3wire)									
Klik aan Klik uit	AWMD-250	[LED] 3 - 24W	1-3	98% - 1%		1-3	90% - 1%		1-3	100% - 0%	
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer									
Legrand	774161	[RL] 40 - 400 W - Turn									
Legrand	78401	[RLC] 40 - 500W	1-3	96% - 0%		1-3	95% - 1%		1-3	99% - 0%	
Legrand	67081	[RL] 40 - 400 W - Turn									
Legrand	67082	[RL] 40 - 600 W - Turn									
Legrand	67083	[RLC] 3 - 400W	1-3	97% - 0%		1-3	89% - 1%		1-3	99% - 0%	
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	1-10	99% - 0%		1-10	98% - 0%		1-10	95% - 0%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)									
Legrand	L4402N	[R] 60-500W	1	96% - 0%		1	83% - 1%		1	97% - 0%	
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							1-10	95% - 0%	
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20 - 420 VA	1-2	98% - 0%		1-2	96% - 0%		1-10	94% - 0%	
MK - Electric	K1535	[R] 65 - 450 W - Turn	2-10	100% - 0%		2-10	100% - 0%		2-10	98% - 0%	
MK - Electric	K1501 WHILV	[R] 60 - 500 W - Turn	2-10	100% - 0%		2-10	100% - 0%		2-10	97% - 0%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-3	96% - 0%		1-3	90% - 1%		1-3	98% - 0%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-3	96% - 0%		1-3	88% - 1%		1-3	99% - 0%	
NIKO	310-0280X	[LED] 2 - 100 VA	1-3	97% - 0%		1-3	97% - 1%		1-3	99% - 0%	
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%		1-10	96% - 0%	
RELCO	RP0977	[LED] 4-100W									
RELCO	RM0545	[LED] 4-100W	1-10	100% - 0%		1-10	98% - 0%		1-10	97% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W							1-10	95% - 0%	
Schneider	SBD315RC (ATD315)(CCT011533)	[RC] 315W							1-10	95% - 0%	
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)									
Schneider	SBD315RC (SBD 315)	[RC] 315W							1-10	95% - 0%	
VADSBO	ED 350	[RC] 50 - 350W	1-3	97% - 0%		1-3	96% - 1%		1-3	99% - 0%	
VADSBO	DRS 315	[RC] 50 - 315W	1-3	97% - 0%		2-3	97% - 1%		2-3	100% - 0%	
VADSBO	DU 250	[RC] 20 - 250W	1-3	97% - 0%		1-3	90% - 1%		1-3	100% - 0%	
Varilight	HQ3W	[R] 60-400W	2-10	100% - 0%		1-3	100% - 0%		3-10	97% - 0%	
Varilight	ICT401 M	[RC] 20-400W	1-3	97% - 0%		1-3	90% - 1%		1-3	100% - 0%	
Vimar	20148	[RL] 500W									
Vimar	14153	[R]]	3	95% - 0%		3	83% - 1%		3	99% - 0%	
Vimar	20160	[RC]	1-3	95% - 0%		1-3	88% - 1%		1-3	99% - 0%	
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 disclaimer on last page
	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 CoreProLEDspot 4-50W GU10 840 36D DIM UK 9290020658 CoreProLEDspot 4-50W GU10 830 36D DIM UK 9290020683 CoreProLEDspot 4-50W GU10 827 36D DIM UK 9290024959 CorePro LEDspot 4-50W GU10 827 36D DIM 9290024959			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	1-5	98% - 20%		1-5	98% - 27%				
Berker INSTA	283010	[R] 60 - 400 W - Turn	1-5	98% - 23%		1-5	97% - 14%				
Bticino	L4407	[] 60 - 250 W		N.A.	N.A.		N.A.	N.A.	2-7	41%-23%	1-7
Busch Jaeger ABB	2200 U - 503	[R] 60 - 400 W - Turn	1-5	98% - 35%		1-5	98% - 26%		1-17	99% - 31%	
Busch Jaeger ABB	2247 U	[R L] 20 - 500 W - Turn	1-5	98% - 0%		1-5	94% - 5%		1-20	99% - 12%	
Busch Jaeger ABB	2250 U	[R] 60 - 600 W - Turn	1-5	99% - 0%		1-5	96% - 1%		1-20	99% - 0%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 - 420 W - Turn	1-5	98% - 14%		1-5	99% - 27%		1-18	99% - 25%	
Busch Jaeger ABB	6523 U	[LED] 2 - 100 VA-LED - Turn	1-5	98% - 0%		1-5	91% - 6%		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)	1-5	98% - 18%		1-5	97% - 28%				
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W				1-5	97% - 16%		1-13	98% - 13%	
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%				
Feller Schneider	40300 (SBD315)	[RLC] 300W									
Feller Schneider	40420 (SBD420)	[RLC] 420W									
GIRA	1176-00/01	[RLC] 50 - 420W	1-9	96%-31%		1-15	91%-38%	1-4	1-7	91%-34%	1-3
GIRA	2390 00/ 100	[LED] 7 - 100W - Push (3wire)									
Hager	EVN 011	[RC] 300VA	1-7	98%-18%		1-15	95%-27%	1-4	1-7	95%-25%	1-4
Hager	EVN 012	[RC] 300W	1-7	99%-18%		1-15	94%-37%	1-4	1-7	96%-34%	1-4
Hager	EVN 004	[RL] 500VA	1-11	98%-18%		1-15	93%-28%	1-5	1-7	95%-25%	1-4
Jung	225 TDE	[RC] 20 - 525 W - Turn	1-5	98% - 17%		1-5	99% - 29%				
Jung	1271LEDDE	[LED] 3 - 100W - Push (3wire)									
Klik aan Klik uit	AWMD-250	[LED] 3 - 24W	1-3	96%-35%		1-6	77%-30%		1-5	77%-29%	1-3
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer									
Legrand	774161	[RL] 40 - 400 W - Turn									
Legrand	78401	[RLC] 40 - 500W	1-9	97%-0%		1-15	86%-2%	1-3	1-7	85%-3%	1-2
Legrand	67081	[RL] 40 - 400 W - Turn									
Legrand	67082	[RL] 40 - 600 W - Turn									
Legrand	67083	[RLC] 3 - 400W	1-2	96%-0%		1-4	89%-14%		1-3	87%-12%	
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	1-5	99% - 5%		1-5	100% - 18%		1-17	96% - 0%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)									
Legrand	L4402N	[R] 60-500W	1-11	96%-23%		3-15	41%-23%		2-7	65%-24%	
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 - 200W(RC) 4 - 400W(RL)	1-5	98% - 18%		1-5	97% - 28%				
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W				1-5	97% - 16%		1-13	98% - 13%	
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20 - 420 VA	1-5	98% - 2%		3-5	98% - 28%				
MK - Electric	K1535	[R] 65 - 450 W - Turn	1-5	97% - 15%		1-5	85% - 11%		1-19	87% - 19%	
MK - Electric	K1501 WHILV	[R] 60 - 500 W - Turn	1-5	98% - 7%		1-5	90% - 16%				
MK - Electric	K4501 WHILV	[RLC] 180W	1-5	96% - 5%		1-11	81% - 16%		1-7	81% - 14%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-7	95% - 6%		1-15	82% - 15%		1-7	81% - 14%	
NIKO	310-0280X	[LED] 2 - 100 VA	1-2	98% - 22%		1-5	91% - 26%		1-4	93% - 32%	
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%		1-20	99% - 0%	
RELCO	RP0977	[LED] 4-100W				1-5	100% - 8%				
RELCO	RM0545	[LED] 4-100W	1-5	99% - 0%		1-5	93% - 0%		1-20	97% - 16%	
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W				1-5	97% - 16%		1-13	98% - 13%	
Schneider	SBD315RC (ATD315)(CCT011533)	[RC] 315W				1-5	97% - 16%		1-13	98% - 13%	
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)									
Schneider	SBD315RC (SBD 315)	[RC] 315W				1-5	97% - 16%		1-13	98% - 13%	
VADSBO	ED 350	[RC] 50 - 350W	1-8	97% - 36%		1-15	89% - 55%		1-7	89% - 47%	
VADSBO	DRS 315	[RC] 50 - 315W	2-8	98% - 16%		7-15	57% - 8%	1-13	2-7	88% - 8%	1-7
VADSBO	DU 250	[RC] 20 - 250W	1-6	95% - 8%		1-13	89% - 47%	1-13	1-7	89% - 34%	1-7
Varilight	HQ3W	[R] 60-400W	1-5	98% - 16%		1-5	97% - 16%		2-17	98% - 18%	
Varilight	ICT401 M	[RC] 20-400W	1-9	94% - 4%		1-15	92% - 0%		1-7	94% - 1%	
Vimar	20148	[RL] 500W									
Vimar	14153	[R]	1-11	98% - 0%		1-15	95% - 12%	1-2	2-7	96% - 7%	1
Vimar	20160	[RC]	1-7	96% - 0%		1-15	82% - 12%	1-15	2-7	82% - 9%	1-7
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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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		86% - 18%			N.A.	N.A.		N.A.	N.A.
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	EVD6INPN-UC	400W 3-wire Push Module									
Feller Schneider	40200 (SBD200LED CCTCHI0601)	[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	1	95% - 19%		1	96% - 1%		1	98% - 0%	
GIRA	2390 00/ 100	[LED] 7 - 100W - Push (3wire)									
Hager	EVN 011	[RC] 300VA	1	95% - 13%		1	98% - 0%		1	99% - 0%	
Hager	EVN 012	[RC] 300W	1	98% - 13%		1	99% - 0%		1	99% - 0%	
Hager	EVN 004	[RL] 500VA	1	98% - 14%		1-2	96% - 0%		1	99% - 0%	
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	1	90% - 15%		1	98% - 1%		1	99% - 1%	
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer									
Legrand	774161	[RL] 40 - 400 W - Turn									
Legrand	78401	[RLC] 40 - 500W	1	99% - 0%			N.A.	N.A.		N.A.	N.A.
Legrand	67081	[RL] 40 - 400 W - Turn									
Legrand	67082	[RL] 40 - 600 W - Turn									
Legrand	67083	[RLC] 3 - 400W	1	96% - 4%		1	99% - 0%		1	99% - 0%	
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	1	98% - 31%		1	95% - 0%		1	97% - 0%	
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	1	94% - 3%		1	98% - 0%		1	98% - 0%	
MK - Electric	K4500 WHILV	[RLC] 400W	1	95% - 4%		1	99% - 0%		1	98% - 0%	
NIKO	310-0280X	[LED] 2 - 100 VA	1	97% - 22%		1	99% - 2%		1	99% - 3%	
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)(CCT011533)	[RC] 315W									
Schneider	SBD200 (WDE 002299)	[] 4 - 400VA - Turn Universal (2wire)									
Schneider	SBD315RC (SBD 315)	[RC] 315W									
VADSBO	ED 350	[RC] 50 - 350W	1	98% - 35%		1	98% - 0%		1	98% - 0%	
VADSBO	DRS 315	[RC] 50 - 315W		N.A.	N.A.	1	98% - 0%		1	98% - 0%	
VADSBO	DU 250	[RC] 20 - 250W	1	95% - 19%	1	1	98% - 0%		1	98% - 0%	
Varilight	HQ3W	[R] 60-400W	1-7	99% - 19%		2-5	100% - 0%		1-10	97% - 0%	
Varilight	ICT401 M	[RC] 20-400W	1	96% - 3%		1	98% - 0%		1	98% - 0%	
Vimar	20148	[RL] 500W									
Vimar	14153	[R]	1	98% - 2%		2	97% - 0%			N.A.	N.A.
Vimar	20160	[RC]	1	95% - 2%	1	1	98% - 0%		1	98% - 0%	
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 disclaimer on last page
	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 giant 20W E27 A160 1800K smoky D 9290029825			LED classic-giant 40W E27 A160 GOLD DIM 9290029835			MASVLELED Bulb D5.9-60W E27 927A60FR G UK 9290030577		
			LED giant 20W E27 G200 1800K smoky D 9290029826			LED classic-giant 40W E27 G200 GOLD DIM 9290029836					
			LED giant 20W E27 T65 1800K smoky D 9290029827			LED classic-giant 40W E27 T65 GOLD DIM 9290029837					
			LED double layers 20W E27 smoky DIM 9290029823			LED giant crystal 26W E27 smoky DIM 9290029824					
											
			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%		1-5	93% - 0%	
Berker INSTA	283010	[R] 60 - 400 W - Turn	1-10	51% - 0%		1-5	99% - 0%		1-5	98% - 0%	
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	2-10	57% - 0%		2-5	100% - 0%			N.A.	N.A.
Busch Jaeger ABB	2247 U	[R L] 20 - 500 W - Turn	1-10	50% - 0%		1-5	87% - 0%		1-5	100% - 0%	
Busch Jaeger ABB	2250 U	[R] 60 - 600 W - Turn	1-10	52% - 0%		1-5	98% - 0%		1-5	97% - 0%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 - 420 W - Turn	1-10	49% - 5%		1-5	99% - 0%		1-5	83% - 0%	
Busch Jaeger ABB	6523 U	[LED] 2 - 100 VA-LED - Turn	1-10	52% - 0%		1-5	99% - 0%		1-5	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)	2-10	97% - 0%			N.A.	N.A.	2-5	89% - 0%	
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W									
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)	2-10	97% - 0%			N.A.	N.A.	2-5	89% - 0%	
Feller Schneider	40300 (SBD315)	[RLC] 300W									
Feller Schneider	40420 (SBD420)	[RLC] 420W									
GIRA	1176-00/01	[RLC] 50 - 420W		N.A.	N.A.		N.A.	N.A.	1	96% - 1%	
GIRA	2390 00/ 100	[LED] 7 - 100W - Push (3wire)									
Hager	EVN 011	[RC] 300VA	1-3	97% - 0%		1-3	99% - 0%		1	98% - 0%	
Hager	EVN 012	[RC] 300W	1-3	95% - 0%		1-3	98% - 0%		1	99% - 0%	
Hager	EVN 004	[RL] 500VA	1-3	95% - 0%		1-3	99% - 0%		1-2	96% - 0%	
Jung	225 TDE	[RC] 20 - 525 W - Turn	1-10	49% - 0%		1-5	99% - 0%		1-5	82% - 0%	
Jung	1271LEDDDE	[LED] 3 - 100W - Push (3wire)									
Klik aan Klik uit	AWMD-250	[LED] 3 - 24W	1-3	95% - 0%		1-3	98% - 0%		1	98% - 1%	
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer									
Legrand	774161	[RL] 40 - 400 W - Turn									
Legrand	78401	[RLC] 40 - 500W	1-3	95% - 0%		1-3	97% - 0%			N.A.	N.A.
Legrand	67081	[RL] 40 - 400 W - Turn									
Legrand	67082	[RL] 40 - 600 W - Turn									
Legrand	67083	[RLC] 3 - 400W	1-3	95% - 0%		1-2	97% - 0%		1	99% - 0%	
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	3-10	51% - 0%		1-5	98% - 0%		1-5	100% - 0%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)									
Legrand	L4402N	[R] 60 - 500W	1	97% - 0%		1	95% - 0%		1	95% - 0%	
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 - 200W(RC) 4 - 400W(RL)	2-10	97% - 0%			N.A.	N.A.	2-5	89% - 0%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W									
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20 - 420 VA	1-2	100% - 0%		1	67% - 0%		1	100% - 0%	
MK - Electric	K1535	[R] 65 - 450 W - Turn	1-10	51% - 0%		1-5	99% - 0%		1-5	98% - 0%	
MK - Electric	K1501 WHILV	[R] 60 - 500 W - Turn	2-10	51% - 0%		2-5	99% - 0%		2-5	97% - 0%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-3	97% - 0%		1-3	98% - 0%		1	98% - 0%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-3	97% - 0%		1-3	99% - 0%		1	99% - 0%	
NIKO	310-0280X	[LED] 2 - 100 VA	1-3	95% - 0%		1-3	98% - 0%		1	99% - 2%	
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%		1-5	99% - 0%	
RELCO	RP0977	[LED] 4-100W									
RELCO	RM0545	[LED] 4-100W	1-10	51% - 0%		1-5	99% - 0%		1-5	100% - 0%	
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W									
Schneider	SBD315RC (ATD315)(CCT011533)	[RC] 315W									
Schneider	SBD200 (WDE 002299)	[] 4 - 400VA - Turn Universal (2wire)									
Schneider	SBD315RC (SBD 315)	[RC] 315W									
VADSBO	ED 350	[RC] 50 - 350W	1-3	93% - 0%		1-3	99% - 0%		1	98% - 0%	
VADSBO	DRS 315	[RC] 50 - 315W	1-3	95% - 0%		2-3	99% - 0%		1	98% - 0%	
VADSBO	DU 250	[RC] 20 - 250W	1-3	96% - 0%		1-3	98% - 0%		1	98% - 0%	
Varilight	HQ3W	[R] 60-400W	2-10	51% - 0%		2-5	98% - 0%		2-5	100% - 0%	
Varilight	ICT401 M	[RC] 20-400W	1-3	97% - 0%		1-3	98% - 0%		1	98% - 0%	
Vimar	20148	[RL] 500W									
Vimar	14153	[R]	1-3	93% - 0%		2-3	96% - 0%			N.A.	N.A.
Vimar	20160	[RC]	1-3	97% - 0%		1-3	96% - 0%		1	98% - 0%	
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 disclaimer on last page
	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					
			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			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			MAS LEDbulb DT 8-60W B22 A60 CL 9290024903 MAS LEDbulb DT 8-60W E27 A60 CL 9290024902		
			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		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
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	1-10	98% - 3%		1-10	96% - 2%		1-3	98% - 7%	
GIRA	2390 00/100	[LED] 7 - 100W - Push (3wire)									
Hager	EVN 011	[RC] 300VA	1-10	100% - 1%		1-10	96% - 0%		1-3	97% - 6%	
Hager	EVN 012	[RC] 300W	1-10	99% - 1%		1-10	97% - 0%		1-3	98% - 6%	
Hager	EVN 004	[RL] 500VA	1-10	99% - 0%		1-10	96% - 0%		1-3	97% - 5%	
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	1-9	88% - 0%		1-4	82% - 0%		1-3	98% - 9%	
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer									
Legrand	774161	[RL] 40 - 400 W - Turn									
Legrand	78401	[RLC] 40 - 500W	2-10	98% - 0%		1-10	96% - 0%		1-3	99% - 0%	
Legrand	67081	[RL] 40 - 400 W - Turn									
Legrand	67082	[RL] 40 - 600 W - Turn									
Legrand	67083	[RLC] 3 - 400W	1-5	99% - 0%		1-3	87% - 0%		1-2	99% - 1%	
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	3-10	98% - 2%		1-10	86% - 0%		1-3	97% - 7%	
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	1-10	90% - 0%		1-8	87% - 0%		1-3	98% - 2%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-10	94% - 0%		1-10	88% - 0%		1-3	98% - 2%	
NIKO	310-0280X	[LED] 2 - 100 VA	1-7	100% - 0%		1-4	97% - 0%		1-3	99% - 8%	
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)(CCT011533)	[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	1-10	98% - 6%		1-10	96% - 4%		1-3	98% - 9%	
VADSBO	DRS 315	[RC] 50 - 315W	1-10	74% - 1%	1	7-10	96% - 0%		1-3	99% - 0%	1
VADSBO	DU 250	[RC] 20 - 250W	1-10	98% - 6%	1-2	1-9	96% - 4%	1	1-3	98% - 0%	1
Varilight	HQ3W	[R] 60-400W	1-5	99% - 0%		1-5	87% - 1%		1-5	97% - 4%	
Varilight	ICT401 M	[RC] 20-400W	1-10	97% - 0%		1-10	82% - 0%		1-3	97% - 2%	
Vimar	20148	[RL] 500W									
Vimar	14153	[R]	1-10	99% - 0%		1-10	97% - 0%		1-3	100% - 0%	
Vimar	20160	[RC]	1-10	99% - 0%		1-10	98% - 0%		1-3	99% - 0%	1
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	See disclaimer on last page
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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	1-3	42% - 0%			N.A.	N.A.		N.A.	N.A.
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	1-3	97% - 2%		1-10	97% - 9%			N.A.	N.A.
GIRA	2390 00/ 100	[LED] 7 - 100W - Push (3wire)									
Hager	EVN 011	[RC] 300VA	1-3	99% - 0%		1-8	97% - 7%		1-2	98% - 0%	
Hager	EVN 012	[RC] 300W	1-3	98% - 0%		1-8	98% - 7%		1-2	97% - 0%	
Hager	EVN 004	[RL] 500VA	1-3	99% - 1%		1-10	97% - 7%		1-3	98% - 0%	
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	1-3	86% - 2%		1-3	98% - 9%		1	98% - 1%	
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer									
Legrand	774161	[RL] 40 - 400 W - Turn									
Legrand	78401	[RLC] 40 - 500W	1-3	96% - 0%		1-10	96% - 0%		1-2	98% - 0%	
Legrand	67081	[RL] 40 - 400 W - Turn									
Legrand	67082	[RL] 40 - 600 W - Turn									
Legrand	67083	[RLC] 3 - 400W	1-3	99% - 0%		1-2	98% - 2%		1-2	100% - 0%	
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	1-3	90% - 0%		1-10	96% - 9%		1	98% - 0%	
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	1-3	90% - 0%		1-6	95% - 4%		1	98% - 0%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-3	90% - 0%		1-8	98% - 4%		1-2	97% - 0%	
NIKO	310-0280X	[LED] 2 - 100 VA	1-3	98% - 3%		1-3	98% - 8%		1	98% - 0%	
PEHA	431HAN	[RL] 6-120W [LED] 6-60W							1	98% - 0%	
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)(CCT011533)	[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	1-3	96% - 4%		1-9	97% - 10%		1-2	97% - 0%	
VADSBO	DRS 315	[RC] 50 - 315W		N.A.	N.A.	2-8	97% - 0%	1	1-2	98% - 0%	
VADSBO	DU 250	[RC] 20 - 250W	1-3	91% - 0%	1	1-6	97% - 0%	1	1	98% - 0%	
Varilight	HQ3W	[R] 60-400W	1-5	98% - 1%		1-5	99% - 7%		2-10	98% - 0%	
Varilight	ICT401 M	[RC] 20-400W	1-3	88% - 0%		1-10	95% - 2%		1-2	98% - 0%	
Vimar	20148	[RL] 500W									
Vimar	14153	[R]	1-3	98% - 0%		1-10	97% - 0%		3	98% - 0%	
Vimar	20160	[RC]	1-3	96% - 0%		1-8	98% - 0%	1	1-2	97% - 0%	
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 disclaimer on last page
	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			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 4.3-60W R50 E14 827 36D 9290018912		
			MAS LED ExpertColor 3.9-35W GU10 930 25D 9290013465			MAS LED ExpertColor 5.5-50W GU10 927 36D 9290013473			CoreProLEDspot D 4.5-60W R63 E27 827 36D 9290018914		
			MAS LED ExpertColor 3.9-35W GU10 930 36D 9290013468			MAS LED ExpertColor 5.5-50W GU10 930 25D 9290013471					
			MAS LED ExpertColor 3.9-35W GU10 940 36D 9290013469			MAS LED ExpertColor 5.5-50W GU10 940 25D 9290013472					
			MAS LED ExpertColor 3.9-35W GU10 950 25D 9290013466			MAS LED ExpertColor 5.5-50W GU10 930 36D 9290013474					
			MAS LED ExpertColor 3.9-35W GU10 927 36D 9290013467			MAS LED ExpertColor 5.5-50W GU10 940 36D 9290013475					
						MASLED ExpertColor5.5-50W GU10 927 25DUK 9290013470					
						MASLED ExpertColor5.5-50W GU10 927 36DUK 9290013473					
						MASLEExpertColor 5.5-50W GU10 930 36DUK 9290013474					
											
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC] 20 - 360 W - Turn	2 - 5	88%-7%		2 - 5	91%-5%		1 - 5	79%-3%	
Berker INSTA	283010	[R] 60 - 400 W - Turn	2 - 5	93%-6%		2 - 3	95-5%		1 - 5	85%-14%	
Bticino	L4407	[] 60 - 250 W		N.A.	N.A.	2-18	94%-31%			N.A.	N.A.
Busch Jaeger ABB	2200 U - 503	[R] 60 - 400 W - Turn	2 - 5	83%-17%		2 - 5	94%-17%		1 - 5	85%-6%	
Busch Jaeger ABB	2247 U	[R L] 20 - 500 W - Turn	2 - 5	95%-3%		2 - 5	95%-3%		1 - 5	85%-3%	
Busch Jaeger ABB	2250 U	[R] 60 - 600 W - Turn	2 - 5	93%-3%		2 - 5	96%-3%		1 - 5	85%-3%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 - 420 W - Turn	2 - 5	92%-4%		2 - 5	94%-6%		1 - 2	83%-3%	
Busch Jaeger ABB	6523 U	[LED] 2 - 100 VA-LED - Turn	2 - 5	92%-4%		2 - 5	91%-3%		1 - 5	77%-3%	
Busch Jaeger ABB	6526 U	[LED] 2 - 100 VA-LED - Push (2wire)	2 - 19	92%-3%							
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 - 200W(RC) 4 - 400W(RL)	2 - 5	89%-11%		2 - 5	90%-8%		1 - 5	78%-3%	
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W	2 - 5	88%-3%		2 - 5	91%-3%		1 - 5	77%-3%	
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W	2 - 5	94%-3%		2 - 5	96%-3%		3 - 5	85%-3%	
Ettako	EVD6INPN-UC	400W 3-wire Push Module									
Feller Schneider	40200 (SBD200LED CCTCHI0601)	[LED/RC] 4 - 200W(RC) 4 - 400W(RL)	2 - 5	89%-11%		2 - 5	90%-8%		1 - 5	78%-3%	
Feller Schneider	40300 (SBD315)	[RLC] 300W	2 - 5	88%-3%		2 - 5	91%-3%		1 - 5	77%-3%	
Feller Schneider	40420 (SBD420)	[RLC] 420W	2 - 5	94%-3%		2 - 5	96%-3%		3 - 5	85%-3%	
GIRA	1176-00/01	[RLC] 50 - 420W	2 - 20	98%-25%		1-3	96%-11%		1-19	98%-0%	
GIRA	2390 00/ 100	[LED] 7 - 100W - Push (3wire)	2 - 5	86%-24%		2 - 5	91%-25%		1 - 5	79%-3%	
Hager	EVN 011	[RC] 300VA	1 - 15	98%-14%		1-9	94%-12%		1-13	99%-0%	
Hager	EVN 012	[RC] 300W	1 - 15	98%-15%		1-15	96%-0%		1-13	99%-0%	
Hager	EVN 004	[RL] 500VA	1 - 20	98%-15%		1-15	96%-24%		1-20	98%-0%	
Jung	225 TDE	[RC] 20 - 525 W - Turn	2 - 5	91%-3%		2 - 5	93%-11%			N.A.	N.A.
Jung	1271LEDDE	[LED] 3 - 100W - Push (3wire)	2 - 5	89%-3%		2 - 5	92%-3%		1 - 5	80%-3%	
Klik aan Klik uit	AWMD-250	[LED] 3 - 24W	1 - 6	96%-36%		1-11	99%-15%		1-5	96%-1%	
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer	2 - 15	89%-3%							
Legrand	774161	[RL] 40 - 400 W - Turn	5	95%-3%			N.A.	N.A.		N.A.	N.A.
Legrand	78401	[RLC] 40 - 500W	1 - 20	98%-0%		1-11	98%-15%		1-18	98%-0%	
Legrand	67081	[RL] 40 - 400 W - Turn	3 - 5	93%-3%		2 - 5	96%-3%				
Legrand	67082	[RL] 40 - 600 W - Turn	5	95%-5%		2 - 5	96%-3%				
Legrand	67083	[RLC] 3 - 400W	1 - 4	97%-0%		1-18	99%-15%		1-3	98%-0%	
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	2 - 5	93%-3%		2 - 5	93%-3%		1 - 2	77%-3%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)	2 - 5	97%-3%		2 - 5	98%-3%		1 - 5	93%-3%	
Legrand	L4402N	[R] 60-500W	2 - 20	93%-26%		1-13	96%-22%			N.A.	N.A.
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 - 200W(RC) 4 - 400W(RL)	2 - 5	89%-11%		2 - 5	90%-8%		1 - 5	78%-3%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	2 - 5	88%-3%		2 - 5	91%-3%		1 - 5	77%-3%	
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20 - 420 VA	2 - 5	94%-3%		2 - 5	96%-3%		3 - 5	85%-3%	
MK - Electric	K1535	[R] 65 - 450 W - Turn	2 - 5	77%-3%		2 - 5	80%-4%		2	62%-6%	
MK - Electric	K1501 WHILV	[R] 60 - 500 W - Turn	2 - 5	77%-3%		2 - 5	87%-3%		3 - 5	69%-3%	
MK - Electric	K4501 WHILV	[RLC] 180W	1 - 11	96%-5%		5-11	98%-7%		1-10	96%-0%	
MK - Electric	K4500 WHILV	[RLC] 400W	1 - 16	96%-5%		1-9	95%-0%		2-20	96%-0%	
NIKO	310-0280X	[LED] 2 - 100 VA	1 - 5	98%-18%		1-15	95%-8%		1-4	95%-0%	
PEHA	431HAN	[RL] 6-120W [LED] 6-60W	2 - 6	80%-3%							
Philips	UID8670	[LED] 2 - 100 VA-LED - Push (3wire)	2 - 5	92%-4%		2 - 5	91%-3%				
RELCO	RP0977	[LED] 4-100W	2 - 5	96%-16%					1 - 5	94%-4%	
RELCO	RM0545	[LED] 4-100W	2 - 5	88%-3%					1 - 5	74%-3%	
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W	2 - 5	88%-3%		2 - 5	91%-3%		1 - 5	77%-3%	
Schneider	SBD315RC (ATD315)(CCT011533)	[RC] 315W	2 - 5	88%-3%		2 - 5	91%-3%		1 - 5	77%-3%	
Schneider	SBD200 (WDE 002299)	[] 4 - 400VA - Turn Universal (2wire)	2 - 5	89%-11%		2 - 5	90%-8%		1 - 5	78%-3%	
Schneider	SBD315RC (SBD 315)	[RC] 315W	2 - 5	88%-3%		2 - 5	91%-3%		1 - 5	77%-3%	
VADSBO	ED 350	[RC] 50 - 350W	1 - 18	97%-40%		1-8	95%-10%		1-16	99%-9%	
VADSBO	DRS 315	[RC] 50 - 315W	6 - 16	92%-0%		1-12	95%-10%		1-14	98%-0%	
VADSBO	DU 250	[RC] 20 - 250W	1 - 13	97%-18%	1	2-18	98%-0%		1-11	96%-0%	
Varilight	HQ3W	[R] 60-400W	2 - 5	91%-3%		2 - 5	92%-3%		2	84%-3%	
Varilight	ICT401 M	[RC] 20-400W	1 - 20	97%-3%		1-11	96%-1%		1-18	97%-0%	
Vimar	20148	[RL] 500W	2 - 5	93%-3%	< 6	2 - 5	94%-3%	< 5	1 - 2	84%-3%	
Vimar	14153	[R]	3 - 20	98%-0%		1-4	97%-22%		2-20	95%-0%	
Vimar	20160	[RC]	1 - 15	96%-0%		1-4	96%-44%		1-13	94%-0%	
Vimar	20162	[RL] 40-300W	2 - 5	91%-3%	< 6	2 - 5	90%-3%	< 6	1 - 3	77%-3%	
IKEA	E0902 - Dim	[R] 25-150W	2 - 5	93%-7%		2	95%-6%		1 - 5	87%-12%	
Philips Dynalite	DDLE801	(100W per channel)	2 - 5	79%-3%		2 - 5	90%-3%		1 - 5	81%-3%	
Philips Dynalite	DDTM102 Module	(460 W per channel)	2 - 5	87%-3%		2 - 5	90%-3%		1 - 5	79%-3%	

Professional LED Mains Voltage range




Recommended dimmer compatibility list for Mains Voltage lamps



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N.A.	Dimmer lamp combination not applicable
	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 linearD 17.5-150W R7S 118 840 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	96%-31%	
Berker INSTA	283010	[R] 60 - 400 W - Turn	2-3	99%-3%		1-3	100%-6%		2-5	88%-16%	
Bticino	L4407	[] 60 - 250 W	2-3	82%-3%			N.A.	N.A.		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	88%-31%	
Busch Jaeger ABB	2247 U	[R L] 20 - 500 W - Turn	2-3	99%-3%		1-4	100%-3%		2-5	87%-6%	
Busch Jaeger ABB	2250 U	[R] 60 - 600 W - Turn	2-3	99%-3%		1-4	100%-3%		2-5	91%-4%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 - 420 W - Turn	1-3	99%-3%		1-3	99%-16%		2-5	98%-23%	
Busch Jaeger ABB	6523 U	[LED] 2 - 100 VA-LED - Turn	1-3	99%-3%		1-4	99%-3%		2-5	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	96%-9%	
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
Ettako	EVD61NPN-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	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%		1-3	97%-23%		2-20	90%-29%	< 9
GIRA	2390 00/ 100	[LED] 7 - 100W - Push (3wire)	1-3	99%-3%					3-8	91%-15%	< 3
Hager	EVN 011	[RC] 300VA	1-3	99%-3%		1-3	98%-18%		2-16	96%-22%	< 10
Hager	EVN 012	[RC] 300W	1-3	97%-3%		1-3	98%-18%		2-16	96%-22%	< 11
Hager	EVN 004	[RL] 500VA	1-3	99%-3%		1-3	98%-19%		2-20	95%-22%	< 11
Jung	225 TDE	[RC] 20 - 525 W - Turn	1-3	99%-3%		1-4	96%-13%		2-5	94%-33%	
Jung	1271LEDDE	[LED] 3 - 100W - Push (3wire)	1-3	99%-3%					2-5	89%-13%	
Klik aan Klik uit	AWMD-250	[LED] 3 - 24W	1-3	99%-4%		1	99%-31%		1-6	82%-30%	
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer	2-3	99%-3%							
Legrand	774161	[RL] 40 - 400 W - Turn	2-3	92%-3%						N.A.	N.A.
Legrand	78401	[RLC] 40 - 500W	1-3	97%-3%		1-3	97%-0%		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%		1	98%-10%			83%-11%	
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	2-3	99%-3%		1-4	96%-3%		2-5	96%-22%	< 5
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)	1-3	98%-3%					2-5	97%-3%	
Legrand	L4402N	[R] 60-500W	2-3	97%-3%		1-3	97%-37%		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	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	71%-15%	
MK - Electric	K1501 WHILV	[R] 60 - 500 W - Turn	1-3	99%-3%		1-3	100%-4%		2-8	79%-17%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-3	99%-3%		1-3	98%-10%		2-12	85%-15%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-3	98%-3%		1-3	99%-10%		2-17	87%-15%	
NIKO	310-0280X	[LED] 2 - 100 VA	1-3	98%-3%		1	99%-23%		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	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	96%-9%	
Schneider	SBD315RC (ATD315)(CCT011533)	[RC] 315W	2-3	99%-3%		1-3	100%-5%		3-5	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	96%-9%	
VADSBO	ED 350	[RC] 50 - 350W	1-3	97%-3%		1-3	98%-33%		2-19	89%-29%	
VADSBO	DRS 315	[RC] 50 - 315W		N.A.	N.A.	1-3	98%-0%		3-17	92%-18%	< 18
VADSBO	DU 250	[RC] 20 - 250W	1-3	91%-3%		1-3	98%-11%	1	3-14	83%-9%	< 15
Varilight	HQ3W	[R] 60-400W	2-3	92%-3%		1-3	99%-3%		2-5	84%-8%	
Varilight	ICT401 M	[RC] 20-400W	1-3	93%-3%		1-3	99%-18%		2-20	83%-3%	< 7
Vimar	20148	[RL] 500W	2-3	99%-3%	< 2				3-8	85%-17%	< 6
Vimar	14153	[R]	1-3	98%-3%		1-3	99%-0%		3-20	97%-4%	
Vimar	20160	[RC]	1-3	99%-3%		1-3	99%-6%		3-16	91%-11%	< 17
Vimar	20162	[RL] 40-300W	1-3	99%-3%					3-8	92%-25%	< 6
IKEA	E0902 - Dim	[R] 25-150W	2-3	99%-3%					2-8	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	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 disclaimer on last page
	Unexpected performance behavior, not in line with good dimming perception
N.A.	Dimmer lamp combination not applicable
	Dimmer lamp combination not tested

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			LED Spot								
			MAS LED spot VLE D 4.9-50W GU10 930 36D 9290013489			MAS LED spot VLE DT 6.2-80W GU10 927 36D 9290020659			MAS LED spot VLE D 6.2-80W GU10 927 36D 9290020595		
			MAS LED spot VLE D 4.9-50W GU10 940 36D 9290013490						MAS LED spot VLE D 6.2-80W GU10 940 36D 9290020660		
			MAS LED spot VLE D 4.9-50W GU10 927 60D 9290013491						MAS LED spot VLE D 6.2-80W GU10 965 36D 9290022099		
			MAS LED spot VLE D 4.9-50W GU10 930 60D 9290013492						MAS LED spot VLE D 650lm GU10 930 120D 9290022100		
			MAS LED spot VLE D 4.9-50W GU10 940 60D 9290013493						MAS LED spot VLE D 680lm GU10 940 120D 9290022101		
			MAS LED spot VLEDT4.9-50W GU10 927 36DUK 9290013503						MAS LED spot VLE D 680lm GU10 965 120D 9290022102		
			MAS LEDspotVLE D 4.9-50W GU10 940 36D UK 9290013490						MASLEDspot VLE D 6.2-80W GU10 927 36D UK 9290020595		
			MAS LEDspotVLE D 4.9-50W GU10 930 36D UK 9290013489						MASLEDspot VLE D 6.2-80W GU10 940 36D UK 9290020660		
			MAS LED spot VLE DT 4.9-50W GU10 927 36D 9290013503						MASLEDspot VLE D 6.2-80W GU10 930 36D UK 9290020684		
											
			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	92%-3%		2-5	89%-20%		2-5	89%-20%	
Berker INSTA	283010	[R] 60 - 400 W - Turn	2-8	93%-3%		2-5	93%-20%		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	92%-3%		2-5	91%-17%		2-5	91%-17%	
Busch Jaeger ABB	2247 U	[R L] 20 - 500 W - Turn	2-8	94%-3%		2-5	93%-7%		2-5	93%-7%	
Busch Jaeger ABB	2250 U	[R] 60 - 600 W - Turn	2-8	94%-3%		2-5	95%-4%		2-5	95%-4%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 - 420 W - Turn	2-8	94%-3%		2-5	92%-18%		2-5	92%-18%	
Busch Jaeger ABB	6523 U	[LED] 2 - 100 VA-LED - Turn	2-8	89%-3%		2-5	88%-3%		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%		2-5	90%-24%		2-5	90%-24%	
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W	2-8	92%-3%		2-5	89%-4%		2-5	89%-4%	
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W	3-8	95%-3%		2-5	95%-12%		2-5	95%-12%	
Ettako	EVD6INPN-UC	400W 3-wire Push Module	2-16	96%-3%							
Feller Schneider	40200 (SBD200LED CCTCHI0601)	[LED/RC] 4 - 200W(RC) 4-400W(RL)	2-8	92%-3%		2-5	90%-24%		2-5	90%-24%	
Feller Schneider	40300 (SBD315)	[RLC] 300W	2-8	92%-3%		2-5	89%-4%		2-5	89%-4%	
Feller Schneider	40420 (SBD420)	[RLC] 420W	3-8	95%-3%		2-5	95%-12%		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	91%-3%		2-5	88%-36%		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	91%-3%		2-5	89%-19%		2-5	89%-19%	
Jung	1271LEDDE	[LED] 3 - 100W - Push (3wire)	2-8	91%-3%		2-5	88%-11%		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	95%-3%	<4	2-5	94%-17%		2-5	94%-17%	
Legrand	78401	[RLC] 40 - 500W	2-16	91%-3%							
Legrand	67081	[RL] 40 - 400 W - Turn	3-8	95%-3%		2-5	93%-15%		2-5	93%-15%	
Legrand	67082	[RL] 40 - 600 W - Turn	3-8	94%-3%		2-5	95%-17%		2-5	95%-17%	
Legrand	67083	[RLC] 3 - 400W	2-16	85%-2%							
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	2-8	93%-3%	<4	2-5	93%-13%		2-5	93%-13%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)	2-8	95%-3%		2-5	97%-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%		2-5	90%-24%		2-5	90%-24%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W	2-8	92%-3%		2-5	89%-4%		2-5	89%-4%	
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA	3-8	95%-3%		2-5	95%-12%		2-5	95%-12%	
MK - Electric	K1535	[R] 65 - 450 W - Turn	2-8	70%-3%		2-5	81%-17%		2-5	81%-17%	
MK - Electric	K1501 WHILV	[R] 60 - 500 W - Turn	2-8	87%-3%		2-5	86%-15%		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	89%-3%		2-5	88%-3%		2-5	88%-3%	
RELCO	RP0977	[LED] 4-100W	2-4	75%-11%							
RELCO	RM0545	[LED] 4-100W	2-4	87%-4%							
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W	2-8	92%-3%		2-5	89%-4%		2-5	89%-4%	
Schneider	SBD315RC (ATD315)(CCT011533)	[RC] 315W	2-8	92%-3%		2-5	89%-4%		2-5	89%-4%	
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)	2-8	92%-3%		2-5	90%-24%		2-5	90%-24%	
Schneider	SBD315RC (SBD 315)	[RC] 315W	2-8	92%-3%		2-5	89%-4%		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						
Varilight	HQ3W	[R] 60-400W	2-8	92%-3%		2-5	91%-10%		2-5	91%-10%	
Varilight	ICT401 M	[RC] 20-400W	2-16	79%-3%							
Vimar	20148	[RL] 500W	3-8	92%-3%	< 9	2-5	93%-14%	<6	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	92%-3%	< 9	2-5	90%-13%	<6	2-5	90%-13%	<6
IKEA	E0902 - Dim	[R] 25-150W	2-8	93%-3%		2-5	94%-3%		2-5	94%-3%	
Philips Dynalite	DDLE801	(100W per channel)	2-8	89%-3%		2-5	88%-8%		2-5	88%-8%	
Philips Dynalite	DDTM102 Module	(460 W per channel)	2-8	89%-3%		2-5	90%-4%		2-5	90%-4%	

Professional LED Mains Voltage range




Recommended dimmer compatibility list for Mains Voltage lamps



KEY

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			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	EVD6INPN-UC	400W 3-wire Push Module	1 - 13	98%- 7%		1 - 8	95%- 7%		1 - 6	96%- 8%	
Feller Schneider	40200 (SBD200LED CCTCHI0601)	[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	1271LEDDDE	[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)(CCT011533)	[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 disclaimer on last page
	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 Bulb					
			CorePro LEDcapsuleMV 2.6-25W G9 827 D 9290023899 CorePro LEDcapsuleMV 2.6-25W G9 827 D UK 9290023899			CorePro LEDcapsuleMV 4-40W G9 827 D 9290023900			LED diamond_giant 35W E27 CL DIM 9290020946		
											
			Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC] 20 - 360 W - Turn	1-20	99% - 0%		1-15	99% - 0%		1-3	91%-6%	
Berker INSTA	283010	[R] 60 - 400 W - Turn	1-20	99% - 0%		5-20	98% - 0%		1-3	93%-4%	
Bticino	L4407	[] 60 - 250 W		N.A.	N.A.		N.A.	N.A.			
Busch Jaeger ABB	2200 U - 503	[R] 60 - 400 W - Turn	2-20	100% - 0%		3-20	94% - 0%		1-3	93%-13%	
Busch Jaeger ABB	2247 U	[R L] 20 - 500 W - Turn	2-20	100% - 0%		1-20	98% - 0%		1-3	92%-3%	
Busch Jaeger ABB	2250 U	[R] 60 - 600 W - Turn	1-20	100% - 0%		1-20	100% - 0%		1-3	93%-3%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 - 420 W - Turn	1-20	99% - 0%		1-20	99% - 0%		1-3	93%-4%	
Busch Jaeger ABB	6523 U	[LED] 2 - 100 VA-LED - Turn	1-20	94% - 0%		1-20	98% - 0%		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)	1-16	99% - 0%		1-10	99% - 0%		1-3	92%-6%	
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W							1-3	90%-3%	
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W							2-3	95%-5%	
Ettako	EVD6INPN-UC	400W 3-wire Push Module									
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 - 200W(RC) 4 - 400W(RL)	1-16	99% - 0%		1-10	99% - 0%		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	1-20	85%-0%		1-20	98%-0%				
GIRA	2390 00/ 100	[LED] 7 - 100W - Push (3wire)							1-3	89%-3%	
Hager	EVN 011	[RC] 300VA	1-20	96%-0%		1-15	97%-0%				
Hager	EVN 012	[RC] 300W	1-20	96%-0%		1-15	98%-0%				
Hager	EVN 004	[RL] 500VA	1-20	96%-0%		1-20	97%-0%				
Jung	225 TDE	[RC] 20 - 525 W - Turn	1-20	99% - 0%		1-20	100% - 0%		1-3	92%-7%	
Jung	1271LEDDDE	[LED] 3 - 100W - Push (3wire)							1-3	88%-3%	
Klik aan Klik uit	AWMD-250	[LED] 3 - 24W	1-9	94%-0%		1-6	96%-0%				
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	1-20	96%-0%		1-20	98%-0%				
Legrand	67081	[RL] 40 - 400 W - Turn									
Legrand	67082	[RL] 40 - 600 W - Turn									
Legrand	67083	[RLC] 3 - 400W	1-6	90%-0%		1-4	98%-0%				
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	1-20	100% - 0%		1-20	93% - 0%		1-3	94%-3%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)							1-3	97%-3%	
Legrand	L4402N	[R] 60-500W	1-2	88%-0%			N.A.	N.A.			
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 - 200W(RC) 4 - 400W(RL)	1-16	99% - 0%		1-10	99% - 0%		1-3	92%-6%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W							1-3	90%-3%	
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA	1-20	99% - 0%		3-20	99% - 0%		2-3	95%-5%	
MK - Electric	K1535	[R] 65 - 450 W - Turn	1-20	93% - 0%		4-20	98% - 0%		2-3	81%-5%	
MK - Electric	K1501 WHILV	[R] 60 - 500 W - Turn	1-20	100% - 0%		1-20	100% - 0%		2-3	87%-3%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-17	94%-0%		1-11	94%-0%				
MK - Electric	K4500 WHILV	[RLC] 400W	2-20	94%-0%		1-16	94%-0%				
NIKO	310-0280X	[LED] 2 - 100 VA	1-8	95%-0%		1-5	96%-0%				
PEHA	431HAN	[RL] 6-120W [LED] 6-60W									
Philips	UID8670	[LED] 2 - 100 VA-LED - Push (3wire)	1-20	94% - 0%							
RELCO	RP0977	[LED] 4-100W	1-20	100% - 0%		1-15	97% - 0%		1-3	96%-16%	
RELCO	RM0545	[LED] 4-100W	1-20	100% - 0%		1-20	100% - 0%		1-3	90%-3%	
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W							1-3	90%-3%	
Schneider	SBD315RC (ATD315)(CCT011533)	[RC] 315W							1-3	90%-3%	
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)							1-3	92%-6%	
Schneider	SBD315RC (SBD 315)	[RC] 315W							1-3	90%-3%	
VADSBO	ED 350	[RC] 50 - 350W	1-20	94%-0%		1-18	98%-0%				
VADSBO	DRS 315	[RC] 50 - 315W	1-20	95%-0%		2-16	99%-0%				
VADSBO	DU 250	[RC] 20 - 250W	1-19	94%-0%		1-13	100%-0%				
Varilight	HQ3W	[R] 60-400W	2-20	100% - 0%		1-20	98% - 0%		2-3	92%-3%	
Varilight	ICT401 M	[RC] 20-400W	1-20	93%-0%		1-20	97%-0%				
Vimar	20148	[RL] 500W							1 or 3	92%-3%	
Vimar	14153	[R]	4-20	88%-0%		2-20	94%-0%				
Vimar	20160	[RC]	1-20	90%-1%		1-20	95%-0%				
Vimar	20162	[RL] 40-300W							1-3	90%-4%	
IKEA	E0902 - Dim	[R] 25-150W							1-3	92%-3%	
Philips Dynalite	DDLE801	(100W per channel)							1-3	88%-3%	
Philips Dynalite	DDTM102 Module	(460 W per channel)							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 disclaimer on last page
	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 R75 118mm 14-100W 830 D 9290012437 CorePro R75 118mm 14-100W 840 D 9290012438 CorePro LED linear D 14-120W R75 118 830 9290013536 CorePro LED linear D 14-120W R75 118 840 9290013537			MAS LED spot VLE D 3.7-35W GU10 927 36D 9290029794 MAS LED spot VLE DT 3.7-35W GU10 927 36D 9290029797 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	1-6	100% - 2%		2-5	96% - 22%		2-5	99% - 16%	
Berker INSTA	283010	[R] 60 - 400 W - Turn	1-6	99% - 20%		2-4	95% - 27%		2-5	98% - 1%	
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	1-6	95% - 43%		2-5	96% - 40%		2-5	96% - 30%	
Busch Jaeger ABB	2247 U	[R L] 20 - 500 W - Turn	1-8	99% - 0%		2-5	95% - 0%		2-5	97% - 0%	
Busch Jaeger ABB	2250 U	[R] 60 - 600 W - Turn	1-9	97% - 0%		2-5	99% - 4%		2-5	97% - 1%	
Busch Jaeger ABB	6513 U - 102	[RC] 40 - 420 W - Turn	1-6	99% - 10%		2-5	96% - 13%		2-5	99% - 11%	
Busch Jaeger ABB	6523 U	[LED] 2 - 100 VA-LED - Turn	2-8	96% - 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)	1-10	97% - 3%		2-5	97% - 17%		2-5	97% - 0%	
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W									
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W									
Ettako	EVD6INPN-UC	400W 3-wire Push Module									
Feller Schneider	40200 (SBD200LED CCTCHI0601)	[LED/RC] 4 - 200W(RC) 4 - 400W(RL)	1-10	97% - 3%		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	1-6	99% - 9%		2 - 20	90% - 29%	< 9	2 - 17	94% - 9%	
GIRA	2390 00/ 100	[LED] 7 - 100W - Push (3wire)									
Hager	EVN 011	[RC] 300VA	1-4	100% - 8%		2 - 16	96% - 22%	< 10	2 - 12	94% - 7%	
Hager	EVN 012	[RC] 300W	1-4	100% - 8%		2 - 16	96% - 22%	< 11	2 - 12	94% - 7%	
Hager	EVN 004	[RL] 500VA	1-7	100% - 8%		2 - 20	95% - 22%	< 11	2 - 20	95% - 7%	
Jung	225 TDE	[RC] 20 - 525 W - Turn	1-8	100% - 4%		2-5	95% - 19%		2-5	99% - 12%	
Jung	1271LEDDE	[LED] 3 - 100W - Push (3wire)									
Klik aan Klik uit	AWMD-250	[LED] 3 - 24W	1-2	99% - 9%		1-6	82% - 30%	< 7	2 - 5	80% - 11%	
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer									
Legrand	774161	[RL] 40 - 400 W - Turn									
Legrand	78401	[RLC] 40 - 500W	1-6	100% - 0%		2 - 20	91% - 14%		2 - 16	91% - 3%	
Legrand	67081	[RL] 40 - 400 W - Turn									
Legrand	67082	[RL] 40 - 600 W - Turn									
Legrand	67083	[RLC] 3 - 400W		N.A.	N.A.	2-5	83% - 11%		2 - 16	85% - 2%	
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)	1-6	97% - 0%		2-5	96% - 0%		2-5	97% - 0%	
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)									
Legrand	L4402N	[R] 60 - 500W	1-7	100% - 29%		5 - 20	88% - 28%		2 - 20	84% - 8%	
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 - 200W(RC) 4 - 400W(RL)	1-10	97% - 3%		2-5	97% - 17%		2-5	97% - 0%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W									
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20 - 420 VA	3-6	99% - 0%		2-5	96% - 9%		2-5	93% - 4%	
MK - Electric	K1535	[R] 65 - 450 W - Turn	2-7	97% - 4%		2-5	99% - 21%		2-5	98% - 12%	
MK - Electric	K1501 WHILV	[R] 60 - 500 W - Turn	1-8	100% - 10%		2-5	100% - 11%		2-5	98% - 8%	
MK - Electric	K4501 WHILV	[RLC] 180W	1-3	99% - 0%		2 - 12	85% - 15%		2 - 9	86% - 4%	
MK - Electric	K4500 WHILV	[RLC] 400W	1-5	99% - 0%		2 - 17	87% - 15%		2 - 13	86% - 4%	
NIKO	310-0280X	[LED] 2 - 100 VA	1	100% - 10%		2 - 5	96% - 6%		2 - 4	95% - 3%	
PEHA	431HAN	[RL] 6-120W [LED] 6-60W									
Philips	UID8670	[LED] 2 - 100 VA-LED - Push (3wire)	2-8	96% - 6%		2-5	99% - 1%		2-5	99% - 0%	
RELCO	RP0977	[LED] 4-100W									
RELCO	RM0545	[LED] 4-100W				2-5	100% - 0%		2-5	99% - 6%	
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W									
Schneider	SBD315RC (ATD315)(CCT011533)	[RC] 315W									
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)									
Schneider	SBD315RC (SBD 315)	[RC] 315W									
VADSBO	ED 350	[RC] 50 - 350W	2-5	99% - 28%		2 - 19	89% - 29%		2 - 14	85% - 8%	
VADSBO	DRS 315	[RC] 50 - 315W		N.A.	N.A.	3 - 17	92% - 18%	< 18	2 - 13	90% - 5%	
VADSBO	DU 250	[RC] 20 - 250W	1-4	99% - 13%	1	3 - 14	83% - 9%	< 15	2 - 10	77% - 3%	< 11
Varilight	HQ3W	[R] 60-400W	1-6	96% - 17%		2-5	99% - 21%		2-5	98% - 16%	
Varilight	ICT401 M	[RC] 20-400W	1-6	100% - 0%		2 - 20	83% - 3%	< 7	2 - 16	79% - 3%	
Vimar	20148	[RL] 500W									
Vimar	14153	[R]	1-7	100% - 0%		3-20	97% - 4%		2 - 20	97% - 3%	
Vimar	20160	[RC]	1-4	100% - 0%		3 - 16	91% - 11%	< 17	2 - 12	89% - 3%	< 13
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)									

Disclaimer

- #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:
 - "Dimming Performance" color indications and criteria:
 - Green cell: No / or single point flicker, flicker range < 5% and below 80%.
 - Yellow cell: Flicker range < 5%, single point flicker > 80%, 5%-20% flicker range below 80%
 - Red cell: Flicker failed.
 - White cell: No data available.
- #11) The information contained here is believed to be accurate at the time it was published, but is provided "AS IS".

