

# Consumer 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
T.B.D.	Dimmer lamp combination not tested

This document is for information purposes and must be treated as recommendation. Signify attempted to provide best results, results are generated in lab conditions and might contain faults

Brand	Type	Load
Berker   INSTA	286710	[RC] 20 – 360 W - Turn
Berker   INSTA	2973	[LED, R, L, C] 3 - 60W - Turn
Bticino   Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast
Busch Jaeger   ABB	2250 U	[R ] 60 – 600 W - Turn
Busch Jaeger   ABB	6513 U - 102	[RC] 40 – 420 W - Turn
Busch Jaeger   ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger   ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
Busch Jaeger   ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Leading
Busch Jaeger   ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Trailing
Busch Jaeger   ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Leading
Busch Jaeger   ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Trailing
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
ELKO   Schneider	SBD315RC (315 GLE )	[RC] 315W
SE LK   Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider
SE LK   Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider
Eitako	EVD61NPN-UC	400W 3-wire Push Module
Eitako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading
Eitako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC] 300W
Feller   Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
Gira	1176-00/01	[RLC] 50 – 420W
Gira	2390 00/ 100	[LED] 7 – 100W - Push (3wire)
Gira   INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast
Gira   INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	1271LEDDE	[LED] 3-100W - Push (3wire)
Jung   INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast
Jung   INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn
Klik aan Klik uit	AWMD-250	[LED] 3- 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	78401	[RLC] 40 – 500W
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	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC ] 315W
Schneider	SBD200 (WDE 002299)	[ ] 4-400VA - Turn Universal (2wire)
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
VADSBO	ED 350	[RC] 50-350W
VADSBO	DU 250	[RC] 20-250W
VADSBO	VD300	[LED] 0 - 300VA - Turn
Varilight	HQ3W	[R] 60-400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	20162	[RL] 40-300W
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing

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 LEDBulbD 3.4-40W B22 A60 927FR 9290030102			MAS VLE LEDBulbDT5.9-60W E27 927A60CL G 9290030103 MAS LEDBulb DT5.9-60W E27 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 EDBulbDT5.9-60W B22 927 ST64CL G 9290030108 MAS VLE LEDBulb DT5.9-60W E27 927G93CL G 9290030109 MAS VLE EDBulbDT5.9-60W B22 927 G93CL G 9290030110			MAS 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 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
1-20	100% - 0%		1-12	100% - 0%		1-10	100% - 0%	
1-18	97% - 0%		1-10	98% - 0%		1-8	100% - 0%	
1-20	100% - 0%		1-13	100% - 0%		1-10	100% - 0%	
2-20	100% - 0%		1-5	97% - 0%		1-17	100% - 0%	
1-20	100% - 0%		1-20	100% - 0%		1-17	100% - 0%	
1-20	99% - 0%		1-17	98% - 0%		1-14	99% - 0%	
1-20	99% - 0%		1-17	99% - 0%		1-14	100% - 0%	
1-20	100% - 0%		1-17	97% - 0%		1-14	100% - 0%	
1-20	100% - 0%		1-17	97% - 0%		1-14	100% - 0%	
1-20	100% - 0%		1-20	99% - 0%		1-20	100% - 0%	
1-20	100% - 0%		1-20	99% - 0%		1-20	100% - 0%	
1-20	98% - 0%		1-14	99% - 0%		1-11	100% - 0%	
1-19	100% - 0%		1-11	100% - 0%		1-9	100% - 0%	
1-20	100% - 0%		1-20	99% - 0%		1-17	100% - 0%	
1-20	100% - 0%		1-20	99% - 0%		1-17	100% - 0%	
1-20	80% - 34%		1-14	99% - 0%		1-11	100% - 0%	
1-20	100% - 0%		1-15	99% - 0%		1-20	99% - 0%	
1-20	100% - 0%		1-20	100% - 0%		1-20	100% - 0%	
1-20	98% - 0%		1-14	99% - 0%		1-11	100% - 0%	
1-19	100% - 0%		1-11	100% - 0%		1-9	100% - 0%	
1-6	99% - 71%		2-3	100% - 0%		1-3	99% - 0%	
1-20	62% - 0%		1-14	95% - 22%		1-12	98% - 6%	
1-20	98% - 0%		1-17	98% - 0%		1-14	100% - 0%	
1-18	97% - 0%		1-10	98% - 0%		1-8	100% - 0%	
1-18	100% - 0%		1-10	99% - 0%		1-8	99% - 0%	
	N.A.	N.A.	1-17	99% - 6%		1-14	100% - 0%	
1-20	100% - 0%		1-17	96% - 0%		1-14	99% - 0%	
1-20	98% - 0%		1-17	96% - 0%		1-14	99% - 0%	
1-20	98% - 0%		1-17	98% - 0%		1-14	100% - 0%	
1-18	97% - 0%		1-10	98% - 0%		1-8	100% - 0%	
1-7	100% - 0%		1-4	99% - 0%		1-3	100% - 0%	
			1-3	96% - 0%		1-3	100% - 0%	
1-20	100% - 0%		1-14	99% - 0%		1-11	100% - 0%	
	N.A.	N.A.	1-10	100% - 0%		1-14	100% - 0%	
1-18	100% - 0%							
	N.A.	N.A.		N.A.	N.A.	1	100% - 0%	
1-20	98% - 0%		1-14	99% - 0%		1-11	100% - 0%	
1-19	100% - 0%		1-11	100% - 0%		1-9	100% - 0%	
1-6	99% - 71%		2-3	100% - 0%		1-3	99% - 0%	
2-20	100% - 0%		1-15	100% - 0%		1-13	99% - 0%	
1-20	99% - 0%		1-17	100% - 0%		1-14	100% - 0%	
1-11	100% - 0%		1-6	99% - 0%		1-5	100% - 0%	
2-20	100% - 0%		1-14	99% - 0%		1-11	99% - 0%	
1-20	98% - 0%		1-17	100% - 0%		1-14	100% - 0%	
1-20	100% - 0%		1-20	100% - 0%		1-20	100% - 0%	
1-20	100% - 0%		1-20	100% - 0%		1-20	100% - 0%	
1-18	100% - 0%		1-10	100% - 0%		2-8	100% - 0%	
1-20	99% - 0%		1-17	98% - 0%		1-14	99% - 0%	
1-20	99% - 3%		1-17	99% - 5%		1-14	100% - 2%	
1-20	100% - 0%		1-17	100% - 0%		1-14	100% - 0%	
1-19	100% - 0%		1-11	100% - 0%		1-9	100% - 0%	
1-20	98% - 0%		1-14	99% - 0%		1-11	100% - 0%	
1-6	99% - 71%		2-3	100% - 0%		1-3	99% - 0%	
			1-3	99% - 0%		1-3	100% - 0%	
			1-3	99% - 0%		1-3	100% - 0%	
1-18	99% - 0%		1-10	99% - 0%		1-8	87% - 0%	
1-20	100% - 0%		1-14	93% - 0%		1-11	100% - 0%	
			1-3	99% - 0%		1-3	100% - 0%	
1-20	99% - 0%		1-17	97% - 0%		1-14	100% - 0%	
1-20	99% - 2%		1-20	97% - 3%		1-20	100% - 0%	
1-20	100% - 0%		1-20	99% - 0%		1-20	100% - 0%	
1-20	100% - 0%		1-20	100% - 0%		1-20	99% - 0%	
			1-8	99% - 0%		1-6	99% - 0%	
			1-8	98% - 0%	2	1-10	99% - 0%	2
1-10	100% - 0%		1-10	99% - 0%		1-10	99% - 0%	

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Brand	Type	Load
Berker   INSTA	286710	[RC] 20 – 360 W - Turn
Berker   INSTA	2973	[LED, R, L, C] 3 - 60W - Turn
Bticino   Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast
Busch Jaeger   ABB	2250 U	[R ] 60 – 600 W - Turn
Busch Jaeger   ABB	6513 U - 102	[RC] 40 – 420 W - Turn
Busch Jaeger   ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger   ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
Busch Jaeger   ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Leading
Busch Jaeger   ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Trailing
Busch Jaeger   ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Leading
Busch Jaeger   ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Trailing
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
ELKO   Schneider	SBD315RC (315 GLE )	[RC] 315W
SE LK   Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider
SE LK   Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider
Eitako	EVD61NPN-UC	400W 3-wire Push Module
Eitako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading
Eitako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC] 300W
Feller   Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
Gira	1176-00/01	[RLC] 50 – 420W
Gira	2390 00/ 100	[LED] 7 – 100W - Push (3wire)
Gira   INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast
Gira   INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	1271LEDDE	[LED] 3 – 100W - Push (3wire)
Jung   INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast
Jung   INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn
Klik aan Klik uit	AWMD-250	[LED] 3- 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	78401	[RLC] 40 – 500W
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	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
MK - Electric	K1535	[R] 65 - 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 - 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 -100 VA
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	[ ] 4-400VA - Turn Universal (2wire)
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
VADSBO	ED 350	[LED] 50 – 350W
VADSBO	DU 250	[RC] 20 – 250W
VADSBO	VD300	[LED] 0 - 300VA - Turn
Varilight	HQ3W	[R] 60-400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	20162	[RL] 40-300W
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing

LED Bulb			Led Candle		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-7	97% - 16%		1-20	98% - 0%	
1-6	97% - 7%		1-20	93% - 0%	
1-7	97% - 4%		1-20	96% - 0%	
1-11	97% - 0%		3-20	95% - 0%	
1-11	98% - 15%		1-20	95% - 0%	
1-10	98% - 3%		1-20	86% - 0%	
1-10	96% - 0%		1-20	93% - 0%	
1-10	97% - 10%		1-20	92% - 0%	
1-10	97% - 3%		1-20	94% - 0%	
1-15	97% - 0%		1-20	94% - 0%	
1-20	97% - 0%		1-20	94% - 0%	
1-8	96% - 13%		1-20	99% - 0%	
1-6	97% - 4%		1-20	100% - 0%	
1-11	97% - 12%		1-20	100% - 0%	
1-11	97% - 12%		1-20	100% - 0%	
1-8	98% - 0%		1-20	99% - 0%	
2-10	97% - 8%		1-10	96% - 0%	
1-19	97% - 0%		1-20	98% - 0%	
1-8	96% - 13%		1-20	99% - 0%	
1-6	97% - 4%		1-20	100% - 0%	
1-2	97% - 12%		1-8	99% - 0%	
1-8	97% - 18%		1-20	100% - 3%	
1-10	98% - 0%		1-20	92% - 0%	
1-6	97% - 7%		1-20	93% - 0%	
1-6	97% - 7%		1-20	99% - 0%	
1-10	98% - 23%		1-20	100% - 4%	
1-10	100% - 9%		1-20	98% - 0%	
1-8	99% - 0%		1-20	97% - 0%	
1-10	98% - 0%		1-20	92% - 0%	
1-6	97% - 7%		1-20	93% - 0%	
1-2	96% - 21%		1-10	88% - 3%	
1	98% - 0%		1-3	96% - 0%	
1-8	98% - 4%		1-20	100% - 0%	
1-6	99% - 0%		1-20	99% - 0%	
2-10	99% - 37%		1	86% - 0%	
1-8	96% - 13%		1-20	99% - 0%	
1-6	97% - 4%		1-20	100% - 0%	
1-2	97% - 12%		1-8	99% - 0%	
1-9	98% - 11%		5-20	92% - 0%	
1-10	98% - 12%		1-20	99% - 0%	
1-3	98% - 7%		1-14	100% - 0%	
1-8	98% - 15%		1-20	98% - 0%	
1-10	97% - 2%		1-20	99% - 0%	
1-19	96% - 1%		1-5	99% - 0%	
1-19	96% - 1%		1-5	99% - 0%	
1-6	97% - 0%	N.A.	N.A.	N.A.	
1-10	98% - 3%		1-20	86% - 0%	
	N.A.	N.A.	1-20	100% - 4%	
1	96% - 8%	N.A.	1-20	100% - 0%	
1-6	97% - 4%		1-20	100% - 0%	
1-8	96% - 13%		1-20	99% - 0%	
1-2	97% - 12%		1-8	99% - 0%	
1	94% - 32%		1-3	98% - 1%	
1	96% - 18%		1-3	89% - 0%	
1-6	83% - 1%		1-20	63% - 0%	
1-8	99% - 14%		1-20	99% - 0%	
1-1	95% - 5%		1-3	87% - 0%	
1-10	97% - 18%		1-20	92% - 0%	
1-19	99% - 22%		1-20	98% - 3%	
1-19	98% - 2%		1-20	98% - 0%	
1-19	97% - 2%		1-20	98% - 0%	
1-4	99% - 0%		1-10	90% - 0%	
2-3	99% - 0%		1-10	97% - 0%	3-5
1-9	99% - 0%		5-10	97% - 0%	

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Berker   INSTA	2973	[LED, R, L, C] 3 - 60W - Turn
Bticino   Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast
Busch Jaeger   ABB	2250 U	[R ] 60 – 600 W - Turn
Busch Jaeger   ABB	6513 U - 102	[RC] 40 – 420 W - Turn
Busch Jaeger   ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger   ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
Busch Jaeger   ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Leading
Busch Jaeger   ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Trailing
Busch Jaeger   ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Leading
Busch Jaeger   ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Trailing
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
ELKO   Schneider	SBD315RC (315 GLE )	[RC] 315W
SE LK   Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider
SE LK   Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider
Eitako	EVD61NPN-UC	400W 3-wire Push Module
Eitako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading
Eitako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC] 300W
Feller   Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
Gira	1176-00/01	[RLC] 50 – 420W
Gira	2390 00/ 100	[LED] 7 – 100W - Push (3wire)
Gira   INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast
Gira   INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	1271LEDDE	[LED] 3 – 100W - Push (3wire)
Jung   INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast
Jung   INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn
Klik aan Klik uit	AWMD-250	[LED] 3 – 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	78401	[RLC] 40 – 500W
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	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn
PEHA	431HAN	[RL] 6 –120W [LED] 6-60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	[ ] 4-400VA - Turn Universal (2wire)
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
VADSBO	ED 350	[RC] 50 – 350W
VADSBO	DU 250	[RC] 20 – 250W
VADSBO	VD300	[LED] 0 - 300VA - Turn
Varilight	HQ3W	[R] 60-400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	20162	[RL] 40-300W
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing

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 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
1-7	98% - 19%		1-20	96% - 18%		1-10	100% - 0%	
1-6	99% - 12%		1-20	96% - 3%		1-10	100% - 0%	
1-7	98% - 6%		1-20	97% - 0%		1-10	100% - 0%	
1-11	99% - 0%		2-20	96% - 0%		2-10	100% - 0%	
	N.A.	N.A.	1-20	96% - 0%		1-10	100% - 0%	
1-10	97% - 0%		1-20	95% - 0%		1-10	100% - 0%	
1-10	96% - 0%					1-10	100% - 0%	
1-10	99% - 0%		1-20	95% - 0%		1-10	100% - 0%	
1-10	97% - 3%		1-20	95% - 0%		1-10	100% - 0%	
1-10	100% - 0%		1-20	95% - 0%		1-10	100% - 0%	
1-20	97% - 0%		1-20	96% - 0%		1-10	100% - 0%	
	N.A.	N.A.	1-20	95% - 30%		1-10	100% - 0%	
1-6	97% - 8%		1-20	96% - 22%		1-10	100% - 0%	
1-11	100% - 15%		1-20	96% - 0%		1-10	100% - 0%	
1-11	100% - 15%		1-20	96% - 0%		1-10	100% - 0%	
1-8	100% - 0%		1-20	96% - 0%		1-10	100% - 0%	
1-10	100% - 0%		1-20	96% - 0%		1-10	100% - 0%	
1-19	100% - 1%		1-20	96% - 0%		1-10	100% - 0%	
	N.A.	N.A.	1-20	95% - 30%		1-10	100% - 0%	
1-6	97% - 8%		1-20	96% - 22%		1-10	100% - 0%	
1-2	99% - 12%		1-20	96% - 0%		1-3	100% - 0%	
1-8	100% - 30%		1-20	95% - 0%		1-10	100% - 0%	
1-10	98% - 13%		1-20	93% - 21%		1-10	100% - 0%	
1-6	99% - 12%		1-20	96% - 3%		1-10	100% - 0%	
1-6	99% - 7%		1-20	95% - 0%		1-10	100% - 0%	
1-10	100% - 25%		1-20	96% - 0%		1-10	100% - 0%	
1-10	100% - 9%		1-20	96% - 0%		1-10	100% - 0%	
1-8	100% - 0%		1-20	96% - 0%		1-10	100% - 0%	
1-10	98% - 13%		1-20	93% - 21%		1-10	100% - 0%	
1-6	99% - 12%		1-20	96% - 3%		1-10	100% - 0%	
1-2	98% - 22%		1-20	96% - 2%		1-4	100% - 0%	
1	96% - 0%		1-20	89% - 0%		1-3	100% - 0%	
1-8	99% - 6%		1-20	95% - 0%		1-10	100% - 0%	
1-6	99% - 0%		1-20	92% - 0%		1-10	100% - 0%	
						1-10	100% - 0%	
1-10	96% - 16%		3-20	95% - 0%		1-10	100% - 0%	
	N.A.	N.A.	1-20	95% - 30%		1-10	100% - 0%	
1-6	97% - 8%		1-20	96% - 0%		1-10	100% - 0%	
1-2	99% - 12%		1-20	96% - 0%		1-3	100% - 0%	
1-9	98% - 3%		1-20	95% - 0%		2-10	100% - 0%	
1-10	97% - 5%		1-20	92% - 0%		1-10	100% - 0%	
1-3	96% - 6%		1-15	79% - 12%		1-6	100% - 0%	
1-8	97% - 5%		1-20	85% - 14%		1-10	100% - 0%	
1-10	97% - 1%		1-20	96% - 3%		1-10	100% - 0%	
1-19	97% - 0%		1-20	95% - 0%		1-10	100% - 0%	
1-19	97% - 0%		1-20	96% - 0%		1-10	100% - 0%	
1-6	96% - 0%		1-20	96% - 0%		1-10	100% - 0%	
1-10	97% - 0%		1-20	95% - 0%		1-10	100% - 0%	
1-10	99% - 24%		1-20	99% - 9%		1-10	100% - 2%	
1-10	98% - 8%			N.A.	N.A.	1-10	100% - 0%	
1-6	97% - 8%		1-20	96% - 22%		1-10	100% - 0%	
	N.A.	N.A.	1-20	95% - 30%		1-10	100% - 0%	
1-2	99% - 12%		1-20	96% - 0%		1-3	100% - 0%	
1	99% - 36%		1-20	88% - 33%		1-3	100% - 0%	
1	99% - 19%		1-17	85% - 12%		1-3	100% - 0%	
1-6	87% - 0%		1-20	96% - 0%		1-10	100% - 0%	
1-8	100% - 3%		1-20	95% - 0%		1-10	100% - 0%	
1	98% - 3%		1-20	93% - 0%		1-3	100% - 0%	
1-10	100% - 5%		1-20	96% - 0%		1-10	100% - 0%	
1-19	100% - 22%		1-20	94% - 0%		1-10	100% - 0%	
1-19	100% - 1%		1-20	95% - 0%		1-10	100% - 0%	
1-19	98% - 2%		1-20	94% - 0%		1-10	100% - 0%	
1-4	98% - 0%		1-15	90% - 0%		1-8	96% - 0%	
1-9	99% - 0%			N.A.	N.A.	3-10	97% - 0%	
1-9	99% - 0%		1-20	96% - 0%		2-10	98% - 0%	

# Consumer 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
T.B.D.	Dimmer lamp combination not tested

This document is for information purposes and must be treated as recommendation. Signify attempted to provide best results, results are generated in lab conditions and might contain faults

Brand	Type	Load
Berker   INSTA	286710	[RC] 20 - 360 W - Turn
Berker   INSTA	2973	[LED, R, L, C] 3 - 60W - Turn
Bticino   Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast
Busch Jaeger   ABB	2250 U	[R] 60 - 600 W - Turn
Busch Jaeger   ABB	6513 U - 102	[RC] 40 - 420 W - Turn
Busch Jaeger   ABB	6523 U	[LED] 2 - 100 VA-LED - Turn
Busch Jaeger   ABB	6526 U	[LED] 2 - 100 VA-LED - Push (2wire)
Busch Jaeger   ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Leading
Busch Jaeger   ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Trailing
Busch Jaeger   ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Leading
Busch Jaeger   ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Trailing
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
ELKO   Schneider	SBD315RC (315 GLE )	[RC] 315W
SE LK   Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider
SE LK   Schneider	LK OPLUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider
Ettako	EVD61NPN-UC	400W 3-wire Push Module
Ettako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading
Ettako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC] 300W
Feller   Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
Gira	1176-00/01	[RLC] 50 - 420W
Gira	2390 00/ 100	[LED] 7 - 100W - Push (3wire)
Gira   INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast
Gira   INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	1271LEDDDE	[LED] 3 - 100W - Push (3wire)
Jung   INSTA	171IDE	[LED, R, L, C] 3 - 100W/200W- Tast
Jung   INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn
Klik aan Klik uit	AWMD-250	[LED] 3- 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	78401	[RLC] 40 - 500W
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	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
MK - Electric	K1535	[R] 65 - 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 - 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 -100 VA
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 - 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	[ ] 4-400VA - Turn Universal (2wire)
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
VADSBO	ED 350	[RC] 50 -350W
VADSBO	DU 250	[RC] 20 -250W
VADSBO	VD300	[LED] 0 - 300VA - Turn
Varilight	HQ3W	[R] 60-400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	20162	[RL] 40-300W
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing

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
1-10	98% - 0%		1-10	97% - 0%		1-10	98% - 0%	
1-10	96% - 0%		1-10	96% - 0%		1-10	96% - 0%	
1-10	98% - 0%		1-10	99% - 0%		1-10	98% - 0%	
2-10	98% - 0%		2-10	96% - 0%		2-10	98% - 0%	
1-10	98% - 0%		1-10	97% - 0%		1-10	98% - 0%	
1-10	98% - 0%		1-10	100% - 0%		1-10	98% - 0%	
1-10	96% - 0%		1-10	98% - 0%		1-10	96% - 0%	
1-10	98% - 0%		1-10	96% - 0%		1-10	98% - 0%	
2-10	67% - 0%		1-10	96% - 0%		2-10	67% - 0%	
1-10	98% - 0%		1-10	97% - 0%		1-10	98% - 0%	
2-10	97% - 0%		1-10	97% - 0%		2-10	97% - 0%	
1-10	98% - 0%		1-10	96% - 0%		1-10	98% - 0%	
1-10	98% - 0%		1-10	98% - 0%		1-10	98% - 0%	
1-10	99% - 0%		1-10	97% - 0%		1-10	99% - 0%	
1-10	99% - 0%		1-10	97% - 0%		1-10	99% - 0%	
1-10	97% - 0%		1-10	97% - 0%		1-10	97% - 0%	
1-10	94% - 0%		1-10	97% - 0%		1-10	94% - 0%	
1-10	94% - 0%		1-10	97% - 0%		1-10	94% - 0%	
1-10	98% - 0%		1-10	96% - 0%		1-10	98% - 0%	
1-10	98% - 0%		1-10	98% - 0%		1-10	98% - 0%	
1-4	99% - 0%		1-8	99% - 0%		1-4	99% - 0%	
2-10	97% - 1%		1-10	96% - 0%		2-10	97% - 1%	
1-10	96% - 0%		1-10	95% - 0%		1-10	96% - 0%	
1-10	96% - 0%		1-10	96% - 0%		1-10	96% - 0%	
1-10	97% - 0%		1-10	99% - 0%		1-10	97% - 0%	
1-10	97% - 0%			N.A.	N.A.	1-10	97% - 0%	
1-10	99% - 0%		1-10	96% - 0%		1-10	99% - 0%	
1-10	96% - 0%		1-10	90% - 0%		1-10	96% - 0%	
1-10	96% - 0%		1-10	95% - 0%		1-10	96% - 0%	
1-10	96% - 0%		1-10	96% - 0%		1-10	96% - 0%	
1-5	99% - 0%		1-9	100% - 0%		1-5	99% - 0%	
1-3	99% - 0%		1-3	95% - 1%		1-3	99% - 0%	
1-10	98% - 0%		1-10	97% - 0%		1-10	98% - 0%	
1-10	N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
1-10	97% - 0%		1-10	97% - 0%		1-10	97% - 0%	
1-10	98% - 0%		1-10	98% - 0%		1-10	98% - 0%	
1-10	98% - 0%		1-10	96% - 0%		1-10	98% - 0%	
1-10	98% - 0%		1-10	98% - 0%		1-10	98% - 0%	
1-4	99% - 0%		1-8	99% - 0%		1-4	99% - 0%	
2-10	98% - 0%		2-10	97% - 0%		2-10	98% - 0%	
2-10	97% - 0%		1-10	97% - 0%		2-10	97% - 0%	
1-7	99% - 0%		1-10	99% - 0%		1-7	99% - 0%	
1-10	97% - 0%		1-10	99% - 0%		1-10	97% - 0%	
1-10	97% - 0%		1-10	98% - 0%		1-10	97% - 0%	
1-10	98% - 0%		1-10	99% - 0%		1-10	98% - 0%	
1-10	98% - 0%		1-10	99% - 0%		1-10	98% - 0%	
1-10	97% - 0%		1-10	97% - 0%		1-10	97% - 0%	
1-10	98% - 0%		1-10	99% - 0%		1-10	98% - 0%	
1-10	98% - 0%		1-10	99% - 0%		1-10	98% - 0%	
1-10	97% - 0%		1-10	97% - 0%		1-10	97% - 0%	
1-10	98% - 0%		1-10	100% - 0%		1-10	98% - 0%	
1-10	97% - 2%		1-10	98% - 0%		1-10	97% - 2%	
1-10	99% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-10	98% - 0%		1-10	98% - 0%		1-10	98% - 0%	
1-10	98% - 0%		1-10	96% - 0%		1-10	98% - 0%	
1-4	99% - 0%		1-8	99% - 0%		1-4	99% - 0%	
1-3	98% - 0%		1-3	97% - 1%		1-3	98% - 0%	
1-3	99% - 0%		2-3	87% - 1%		1-3	99% - 0%	
1-10	97% - 0%		1-10	99% - 0%		1-10	97% - 0%	
1-10	98% - 0%		2-10	97% - 0%		1-10	98% - 0%	
1-3	98% - 0%		1-3	89% - 1%		1-3	98% - 0%	
1-10	98% - 0%		1-10	98% - 0%		1-10	98% - 0%	
1-10	97% - 0%		1-10	96% - 0%		1-10	97% - 0%	
1-10	97% - 5%		1-10	97% - 0%		1-10	97% - 5%	
1-10	97% - 0%		1-10	98% - 0%		1-10	97% - 0%	
1-3	98% - 0%		2-3	90% - 1%		1-3	98% - 0%	
	N.A.	N.A.	3	97% - 1%			N.A.	N.A.
	N.A.	N.A.	2-3	97% - 1%			N.A.	N.A.

# Consumer 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
T.B.D.	Dimmer lamp combination not tested

This document is for information purposes and must be treated as recommendation. Signify attempted to provide best results, results are generated in lab conditions and might contain faults

Brand	Type	Load
Berker   INSTA	286710	[RC] 20 – 360 W - Turn
Berker   INSTA	2973	[LED, R, L, C] 3 – 60W - Turn
Bticino   Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 – 75W - Tast
Busch Jaeger   ABB	2250 U	[R ] 60 – 600 W - Turn
Busch Jaeger   ABB	6513 U - 102	[RC] 40 – 420 W - Turn
Busch Jaeger   ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger   ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
Busch Jaeger   ABB	6523 U-102	[LED, R, L, C] 2 – 100W - Turn- Leading
Busch Jaeger   ABB	6523 U-102	[LED, R, L, C] 2 – 100W - Turn- Trailing
Busch Jaeger   ABB	6523 UR-103	[LED, R, L, C] 2 – 400W - Turn- Leading
Busch Jaeger   ABB	6523 UR-103	[LED, R, L, C] 2 – 400W - Turn- Trailing
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
ELKO   Schneider	SBD315RC (315 GLE )	[RC] 315W
SE LK   Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 – 120W - Slider
SE LK   Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 – 120W - Slider
Eitako	EVD61NPN-UC	400W 3-wire Push Module
Eitako	EUD61NPL-230V	[LED, R, C] 4 – 200W - Module-Leading
Eitako	EUD61NPL-230V	[LED, R, C] 4 – 200W - Module-Trailing
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC] 300W
Feller   Schneider	40200.LED.EB (CCT99100)	[LED, R, L, C] 4 – 20VA RL LED / 4 – 100VA RC LED
Gira	1176-00/01	[RLC] 50 – 420W
Gira	2390 00/ 100	[LED] 7 – 100W - Push (3wire)
Gira   INSTA	5401 00	[LED, R, L, C] 3 – 100W/200W- Tast
Gira   INSTA	2450 00	[LED, R, L, C] 3 – 60W - Turn
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	1271LEDDE	[LED] 3–100W - Push (3wire)
Jung   INSTA	1711DE	[LED, R, L, C] 3 – 100W/200W- Tast
Jung   INSTA	1730DD	[LED, R, L, C] 3 – 60W - Turn
Klik aan Klik uit	AWMD-250	[LED] 3– 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	78401	[RLC] 40 – 500W
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	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
Niko	310-02901	[LED, R, L, C] 3 – 200W - Tast
Niko	310-03901	[LED, R, L, C] 3 – 200W - Turn
PEHA	431HAN	[RL] 6–120W [LED] 6–60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC ] 315W
Schneider	SBD200 (WDE 002299)	[ ] 4–400VA - Turn Universal (2wire)
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
VADSBO	ED 350	[RC] 50–350W
VADSBO	DU 250	[RC] 20–250W
VADSBO	VD300	[LED] 0 – 300VA - Turn
Varilight	HQ3W	[R] 60–400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	20162	[RL] 40–300W
Vimar	Universal dimmer 20135.1	[LED] 3 – 200W - Tast
Vimar	Universal dimmer 20136.1	[LED] 3 – 200W - Turn- Leading
Vimar	Universal dimmer 20136.1	[LED] 3 – 200W - Turn- Trailing
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing

LED Spot						LED Bulb					
CoreProLEDspot D8.5-100W R80 E27 827 36D 9290029969						CorePro LEDspot 4-50W GU10 830 36D DIM 9290020683			LEDCLA 40W ST64 E27 922 GOLD SP 1PF/4 9290030617		
CorePro LEDspot 4-50W GU10 840 36D DIM 9290020658						CoreProLEDspot 4-50W GU10 840 36D DIM UK 9290020658			LEDCLA 40W G80 E27 922 GOLD D 2PF/4 9290030612		
CoreProLEDspot 4-50W GU10 830 36D DIM UK 9290020683						LEDCLA 40W ST64 E27 922 GOLD D 2PF/4 9290030615			LED classic 40W B35 B22 WW FR D 1PF/4 9290023910		
Dimming Performance			Dimming Range			Dimming Performance			Dimming Range		
Glowing			Glowing			Glowing			Glowing		
1-8	99% - 11%		1-15	94% - 24%		1-10	99% - 0%				
	N.A.	N.A.	1-15	94% - 69%		1-10	97% - 0%				
1-8	95% - 0%		1-15	93% - 22%		1-10	100% - 0%				
1-10	95% - 0%		2-15	99% - 1%		2-10	100% - 0%				
1-10	95% - 11%		1-15	95% - 0%		1-10	99% - 0%				
1-11	98% - 0%		1-15	97% - 0%		1-10	100% - 0%				
1-10	96% - 11%					1-10	97% - 0%				
1-10	93% - 0%		1-15	92% - 7%		1-10	99% - 0%				
1-10	95% - 0%		1-15	94% - 11%		1-10	99% - 0%				
1-10	95% - 0%		1-15	97% - 0%		1-10	100% - 0%				
1-10	96% - 0%		1-15	99% - 3%		1-10	100% - 0%				
1-8	95% - 16%		1-15	94% - 21%		1-10	97% - 0%				
1-5	95% - 0%		1-15	97% - 13%		1-10	99% - 0%				
1-10	95% - 14%		1-15	95% - 27%		1-10	99% - 0%				
1-10	95% - 14%		1-15	95% - 27%		1-10	99% - 0%				
1-8	96% - 11%		1-15	95% - 3%		1-10	100% - 0%				
1-10	95% - 0%		1-15	96% - 0%		1-10	96% - 0%				
1-10	95% - 0%		1-15	96% - 0%		1-10	96% - 0%				
1-8	95% - 16%		1-15	94% - 21%		1-10	97% - 0%				
1-5	95% - 0%		1-15	97% - 13%		1-10	99% - 0%				
1-2	96% - 16%		1-5	94% - 25%		1-6	100% - 0%				
1-8	94% - 26%		1-15	100% - 0%		1-10	98% - 0%				
1-10	96% - 3%		1-15	94% - 22%		1-10	98% - 0%				
	N.A.	N.A.	1-15	94% - 69%		1-10	97% - 0%				
1-5	96% - 1%		1-15	97% - 14%		1-10	98% - 0%				
1-10	96% - 12%		1-15	96% - 14%			N.A.	N.A.			
1-10	96% - 8%		1-15	96% - 13%		1-10	98% - 0%				
1-10	95% - 0%		1-15	92% - 14%		1-10	97% - 0%				
1-10	95% - 16%		1-15	94% - 22%		1-10	98% - 0%				
1-5	95% - 0%		1-15	94% - 69%		1-10	97% - 0%				
1-3	87% - 0%		1-5	92% - 33%		1-7	100% - 0%				
1-9	97% - 0%		1-15	87% - 0%	1-3	1-3	100% - 0%				
1-8	96% - 0%		1-15	96% - 15%		1-10	99% - 0%				
			1-15	92% - 0%			N.A.	N.A.			
1-5	97% - 0%					1-10	98% - 0%				
1-10	95% - 30%		3-15	86% - 30%		1-10	99% - 0%				
1-8	95% - 16%		1-15	94% - 21%		1-10	99% - 0%				
1-5	95% - 0%		1-15	97% - 13%		1-10	99% - 0%				
1-2	96% - 16%		1-5	94% - 25%		1-6	100% - 0%				
1-10	95% - 13%		1-15	85% - 17%		2-10	99% - 0%				
1-10	95% - 4%		1-15	90% - 22%		1-10	99% - 0%				
1-5	96% - 6%		1-11	83% - 14%		1-10	100% - 0%				
1-8	94% - 5%		1-15	88% - 15%		1-10	99% - 0%				
1-10	96% - 0%		1-15	98% - 5%		1-10	99% - 0%				
1-10	96% - 14%		1-15	94% - 5%		1-10	99% - 0%				
1-10	96% - 14%		1-15	94% - 5%		1-10	99% - 0%				
1-5	95% - 10%		1-15	89% - 17%		1-10	99% - 0%				
1-11	98% - 0%		1-15	97% - 0%		1-10	100% - 0%				
1-10	96% - 30%		1-15	99% - 8%		1-10	98% - 2%				
1-10	96% - 5%			N.A.	N.A.	1-10	100% - 0%				
1-5	95% - 0%		1-15	97% - 13%		1-10	99% - 0%				
1-8	95% - 16%		1-15	94% - 21%		1-10	99% - 0%				
1-2	96% - 16%		1-5	94% - 25%		1-6	100% - 0%				
1-8	97% - 22%		1-15	84% - 28%		1-3	100% - 0%				
1-6	95% - 0%		1-13	80% - 9%	1-13	1-3	100% - 0%				
1-5	96% - 27%		1-15	95% - 0%		1-10	98% - 0%				
1-8	94% - 16%		1-15	98% - 15%		2-10	100% - 0%				
1-9	94% - 4%		1-15	93% - 0%		1-3	100% - 0%				
1-10	96% - 7%		1-15	99% - 15%		1-10	98% - 0%				
1-10	95% - 30%		1-15	98% - 29%		1-10	98% - 0%				
1-10	94% - 28%		1-15	98% - 6%		1-10	98% - 0%				
1-10	94% - 27%		1-15	98% - 4%		1-10	98% - 0%				
1-5	98% - 0%		1-12	93% - 0%		1-10	98% - 0%				
2-10	100% - 0%			N.A.	N.A.	5-10	98% - 0%				
1-10	99% - 0%		1-15	98% - 0%		1-10	98% - 0%				

# Consumer 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
T.B.D.	Dimmer lamp combination not tested

This document is for information purposes and must be treated as recommendation. Signify attempted to provide best results, results are generated in lab conditions and might contain faults

Brand	Type	Load
Berker   INSTA	286710	[RC] 20 – 360 W - Turn
Berker   INSTA	2973	[LED, R, L, C] 3 - 60W - Turn
Bticino   Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast
Busch Jaeger   ABB	2250 U	[R ] 60 – 600 W - Turn
Busch Jaeger   ABB	6513 U - 102	[RC] 40 – 420 W - Turn
Busch Jaeger   ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger   ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
Busch Jaeger   ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Leading
Busch Jaeger   ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Trailing
Busch Jaeger   ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Leading
Busch Jaeger   ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Trailing
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
ELKO   Schneider	SBD315RC (315 GLE )	[RC] 315W
SE LK   Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider
SE LK   Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider
Eitako	EVD61NPN-UC	400W 3-wire Push Module
Eitako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading
Eitako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC] 300W
Feller   Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
Gira	1176-00/01	[RLC] 50 – 420W
Gira	2390 00/ 100	[LED] 7 – 100W - Push (3wire)
Gira   INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast
Gira   INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	1271LEDDE	[LED] 3 – 100W - Push (3wire)
Jung   INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast
Jung   INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn
Klik aan Klik uit	AWMD-250	[LED] 3- 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	78401	[RLC] 40 – 500W
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	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
MK - Electric	K1535	[R] 65 - 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 - 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 -100 VA
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	[ ] 4-400VA - Turn Universal (2wire)
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
VADSBO	ED 350	[RC] 50 - 350W
VADSBO	DU 250	[RC] 20 - 250W
VADSBO	VD300	[LED] 0 - 300VA - Turn
Varilight	HQ3W	[R] 60-400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	20162	[RL] 40-300W
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing

LED Bulb						Led Spot		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-10	100% - 0%		1-10	100% - 0%		1-20	93% - 3%	
1-10	100% - 0%		1-10	100% - 0%		1-20	97% - 21%	
1-10	100% - 0%		1-10	100% - 0%		1-20	94% - 4%	
2-10	100% - 0%		2-10	99% - 0%		1-20	94% - 4%	
1-10	100% - 0%		1-10	99% - 0%		1-20	97% - 4%	
1-10	100% - 0%		1-10	99% - 0%		1-20	96% - 0%	
1-10	100% - 0%		1-10	96% - 0%				
1-10	100% - 0%		1-10	100% - 0%		1-20	92% - 0%	
1-10	100% - 0%		2-10	98% - 0%		1-20	96% - 0%	
1-10	100% - 0%		1-10	99% - 0%		1-20	92% - 0%	
1-10	100% - 0%		2-10	96% - 0%		1-20	92% - 0%	
1-10	100% - 0%		1-10	99% - 0%		2-20	88% - 7%	
1-10	100% - 0%		1-10	99% - 0%		1-20	92% - 2%	
1-10	100% - 0%		1-10	100% - 0%		1-20	93% - 0%	
1-10	100% - 0%		1-10	99% - 0%		1-20	94% - 3%	
1-10	100% - 0%		1-10	100% - 0%		1-20	92% - 2%	
1-10	100% - 0%		1-10	99% - 0%		2-20	88% - 7%	
1-10	100% - 0%		1-10	100% - 0%		1-20	92% - 2%	
1-3	100% - 0%		1-3	100% - 0%		1-8	98% - 3%	
	N.A.	N.A.		N.A.	N.A.	1-20	97% - 0%	
1-10	100% - 0%		1-10	98% - 0%		1-20	98% - 1%	
1-10	100% - 0%		1-10	97% - 0%		1-20	97% - 21%	
1-10	100% - 0%		1-10	100% - 0%		1-20	97% - 2%	
	N.A.	N.A.		N.A.	N.A.	1-20	97% - 1%	
1-10	100% - 0%		1-10	97% - 0%		1-20	98% - 0%	
1-10	100% - 0%		1-10	97% - 0%		1-20	96% - 0%	
1-10	100% - 0%		1-10	98% - 0%		1-20	98% - 1%	
1-10	100% - 0%		1-10	97% - 0%		1-20	97% - 21%	
1-4	100% - 0%		1-4	100% - 0%		1-8	96% - 1%	
1-3	100% - 0%			N.A.	N.A.	1-20	94% - 0%	
1-10	100% - 0%		1-10	100% - 0%		1-20	92% - 2%	
	N.A.	N.A.		N.A.	N.A.	1-20	87% - 0%	
	N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
1-10	100% - 0%		1-10	99% - 0%		2-20	88% - 7%	
1-10	100% - 0%		1-10	99% - 0%		1-20	96% - 1%	
1-3	100% - 0%		1-3	100% - 0%		1-8	98% - 3%	
2-10	100% - 0%		1-10	99% - 0%		1-20	96% - 0%	
1-10	100% - 0%		1-10	99% - 0%		1-20	96% - 0%	
1-6	100% - 0%		1-6	98% - 0%		1-17	85% - 1%	
1-10	100% - 0%		1-10	99% - 0%		1-20	81% - 5%	
1-10	100% - 0%		1-10	99% - 0%		1-20	97% - 0%	
1-10	100% - 0%		1-10	99% - 0%		1-20	97% - 2%	
1-10	100% - 0%		1-10	99% - 0%		1-20	97% - 2%	
	N.A.	N.A.		N.A.	N.A.	1-20	96% - 0%	
1-10	100% - 0%		1-10	99% - 0%		1-20	96% - 0%	
1-10	100% - 2%		1-10	99% - 2%		1-20	95% - 0%	
1-10	100% - 0%		1-10	100% - 0%		1-20	95% - 20%	
1-10	100% - 0%		1-10	99% - 0%		1-20	92% - 2%	
1-10	100% - 0%		1-10	99% - 0%		2-20	88% - 7%	
1-3	100% - 0%		1-3	100% - 0%		1-8	98% - 3%	
1-3	100% - 0%		1	100% - 0%		1-20	95% - 9%	
1-3	100% - 0%		1	100% - 0%		1-19	92% - 2%	
1-10	100% - 0%		1-10	100% - 0%		1-20	98% - 0%	
1-10	100% - 0%		2-10	100% - 0%		1-20	97% - 0%	
1-3	100% - 0%		1	100% - 0%		1-20	99% - 0%	
1-10	100% - 0%		1-10	98% - 0%		1-20	97% - 1%	
1-10	100% - 0%							
1-10	100% - 0%		1-10	96% - 0%		1-20	97% - 3%	
1-10	100% - 0%		1-10	95% - 0%		1-20	98% - 0%	
1-10	100% - 0%		1-10	96% - 0%		1-20	96% - 0%	
1-8	96% - 0%		1-8	100% - 0%		1-18	87% - 0%	
3-10	97% - 0%		3-10	100% - 0%			N.A.	N.A.
2-10	98% - 0%		1-10	100% - 0%		5-20	92% - 0%	

# Consumer 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
T.B.D.	Dimmer lamp combination not tested

This document is for information purposes and must be treated as recommendation. Signify attempted to provide best results, results are generated in lab conditions and might contain faults

Brand	Type	Load
Berker   INSTA	286710	[RC] 20 – 360 W - Turn
Berker   INSTA	2973	[LED, R, L, C] 3 - 60W - Turn
Bticino   Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast
Busch Jaeger   ABB	2250 U	[R ] 60 – 600 W - Turn
Busch Jaeger   ABB	6513 U - 102	[RC] 40 – 420 W - Turn
Busch Jaeger   ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger   ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
Busch Jaeger   ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Leading
Busch Jaeger   ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Trailing
Busch Jaeger   ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Leading
Busch Jaeger   ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Trailing
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
ELKO   Schneider	SBD315RC (315 GLE )	[RC] 315W
SE LK   Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider
SE LK   Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider
Eitako	EVD61NPN-UC	400W 3-wire Push Module
Eitako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading
Eitako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC] 300W
Feller   Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
Gira	1176-00/01	[RLC] 50 – 420W
Gira	2390 00/ 100	[LED] 7 – 100W - Push (3wire)
Gira   INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast
Gira   INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	1271LEDDE	[LED] 3 – 100W - Push (3wire)
Jung   INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast
Jung   INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn
Klik aan Klik uit	AWMD-250	[LED] 3 – 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	78401	[RLC] 40 – 500W
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	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
MK - Electric	K1535	[R] 65 - 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 - 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 -100 VA
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn
PEHA	431HAN	[RL] 6 -120W [LED] 6-60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	[ ] 4-400VA - Turn Universal (2wire)
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
VADSBO	ED 350	[RC] 50 - 350W
VADSBO	DU 250	[RC] 20 - 250W
VADSBO	VD300	[LED] 0 - 300VA - Turn
Varilight	HQ3W	[R] 60-400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	20162	[RL] 40-300W
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing

LED Bulb						LED Spot								
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						MAS LEDspot PAR20 D 50W 927 25D 9290034857		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing						
1-10	100% - 0%		1-10	100% - 0%		1-10	98% - 0%							
1-9	100% - 0%		1-9	100% - 0%			N.A.	N.A.						
1-10	99% - 0%		1-10	99% - 0%		1-10	98% - 0%							
2-10	100% - 0%		2-10	100% - 0%		1-20	98% - 0%							
2-10	98% - 0%		2-10	98% - 0%		1-20	98% - 0%							
1-10	99% - 0%		1-10	99% - 0%		1-15	98% - 0%							
1-10	98% - 0%		1-10	98% - 0%		1-20	99% - 0%							
	N.A.	N.A.		N.A.	N.A.	1-15	99% - 0%							
1-10	98% - 0%		1-10	98% - 0%		1-15	98% - 0%							
1-10	99% - 0%		1-10	99% - 0%		1-20	98% - 0%							
1-10	98% - 0%		1-10	98% - 0%		1-20	98% - 0%							
1-10	99% - 0%		1-10	99% - 0%		1-15	100% - 0%							
1-9	98% - 0%		1-9	98% - 0%		1-10	98% - 0%							
1-10	99% - 0%		1-10	99% - 0%		1-20	98% - 0%							
1-10	98% - 0%		1-10	98% - 0%		1-20	98% - 0%							
1-10	99% - 0%		1-10	99% - 0%		1-10	98% - 0%							
1-10	97% - 0%		1-10	97% - 0%		2-20	98% - 14%							
1-10	97% - 0%		1-10	97% - 0%		1-20	98% - 0%							
1-10	99% - 0%		1-10	99% - 0%		1-15	100% - 0%							
1-9	98% - 0%		1-9	98% - 0%		1-10	98% - 0%							
1-3	100% - 0%		1-3	100% - 0%		1-3	99% - 0%							
	N.A.	N.A.		N.A.	N.A.	1-10	98% - 6%							
1-10	99% - 0%		1-10	99% - 0%		1-15	99% - 0%							
1-9	100% - 0%		1-9	100% - 0%			N.A.	N.A.						
1-9	79% - 0%		1-9	79% - 0%		1-10	99% - 0%							
	N.A.	N.A.		N.A.	N.A.	1-15	99% - 0%							
1-10	98% - 0%		1-10	98% - 0%		1-15	98% - 0%							
1-10	98% - 0%		1-10	98% - 0%		1-15	98% - 0%							
1-10	99% - 0%		1-10	99% - 0%		1-15	99% - 0%							
1-9	100% - 0%		1-9	100% - 0%			N.A.	N.A.						
1-3	99% - 0%		1-3	99% - 0%		1-3	99% - 0%							
1-3	97% - 0%		1-3	97% - 0%										
1-10	99% - 0%		1-10	99% - 0%		1-10	98% - 0%							
	N.A.	N.A.		N.A.	N.A.	1-10	100% - 0%							
1-9	75% - 0%		1-9	75% - 0%										
	N.A.	N.A.		N.A.	N.A.	1	98% - 1%							
1-10	99% - 0%		1-10	99% - 0%		1-15	100% - 0%							
1-9	98% - 0%		1-9	98% - 0%		1-10	98% - 0%							
1-3	100% - 0%		1-3	100% - 0%		1-3	99% - 0%							
2-10	99% - 0%		2-10	99% - 0%		1-15	99% - 0%							
1-10	99% - 0%		1-10	99% - 0%			N.A.	N.A.						
1-5	99% - 0%		1-5	99% - 0%										
1-10	99% - 0%		1-10	99% - 0%		2-12	97% - 0%	N.A.						
1-10	79% - 0%		1-10	79% - 0%		2-5	98% - 23%							
1-10	99% - 0%		1-10	99% - 0%		1-15	98% - 0%							
1-10	99% - 0%		1-10	99% - 0%		1-15	98% - 0%							
1-10	98% - 0%		1-10	98% - 0%		2-15	98% - 11%							
1-10	99% - 0%		1-10	99% - 0%		1-15	98% - 0%							
1-10	71% - 0%		1-10	71% - 0%		1-20	98% - 0%							
1-10	100% - 0%		1-10	100% - 0%		1-15	99% - 0%							
1-9	98% - 0%		1-9	98% - 0%		1-10	98% - 0%							
1-10	99% - 0%		1-10	99% - 0%		1-13	100% - 0%							
1-3	100% - 0%		1-3	100% - 0%		1-3	99% - 0%							
1-3	99% - 0%		1-3	99% - 0%										
1-3	99% - 0%		1-3	99% - 0%										
2-9	82% - 0%		2-9	82% - 0%		1-10	99% - 0%							
2-10	99% - 0%		2-10	99% - 0%		1-10	99% - 0%							
1-3	99% - 0%		1-3	99% - 0%										
1-10	97% - 0%		1-10	97% - 0%		1-15	98% - 0%							
1-10	98% - 0%		1-10	98% - 0%		1-20	98% - 3%							
1-10	98% - 0%		1-10	98% - 0%		1-20	98% - 0%							
1-10	98% - 0%		1-10	98% - 0%		1-20	98% - 0%							
1-3	96% - 0%		1-3	96% - 0%		1-8	99% - 0%							
1-3	96% - 0%		1-3	96% - 0%			N.A.	N.A.						
3	99% - 0%		3	99% - 0%		5-15	99% - 0%							

# Consumer 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
T.B.D.	Dimmer lamp combination not tested

This document is for information purposes and must be treated as recommendation. Signify attempted to provide best results, results are generated in lab conditions and might contain faults

Brand	Type	Load
Berker   INSTA	286710	[RC] 20 - 360 W - Turn
Berker   INSTA	2973	[LED, R, L, C] 3 - 60W - Turn
Bticino   Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast
Busch Jaeger   ABB	2250 U	[R] 60 - 600 W - Turn
Busch Jaeger   ABB	6513 U - 102	[RC] 40 - 420 W - Turn
Busch Jaeger   ABB	6523 U	[LED] 2 - 100 VA-LED - Turn
Busch Jaeger   ABB	6526 U	[LED] 2 - 100 VA-LED - Push (2wire)
Busch Jaeger   ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Leading
Busch Jaeger   ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Trailing
Busch Jaeger   ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Leading
Busch Jaeger   ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Trailing
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
ELKO   Schneider	SBD315RC (315 GLE )	[RC] 315W
SE LK   Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider
SE LK   Schneider	LK OPLUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider
Eltako	EVD61NPN-UC	400W 3-wire Push Module
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading
Eltako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC] 300W
Feller   Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
Gira	1176-00/01	[RLC] 50 - 420W
Gira	2390 00/ 100	[LED] 7 - 100W - Push (3wire)
Gira   INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast
Gira   INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	1271LEDDDE	[LED] 3 - 100W - Push (3wire)
Jung   INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast
Jung   INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn
Klik aan Klik uit	AWMD-250	[LED] 3- 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	78401	[RLC] 40 - 500W
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	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
MK - Electric	K1535	[R] 65 - 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 - 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 -100 VA
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 - 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	[ ] 4-400VA - Turn Universal (2wire)
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
VADSBO	ED 350	[RC] 50 -350W
VADSBO	DU 250	[RC] 20 -250W
VADSBO	VD300	[LED] 0 - 300VA - Turn
Varilight	HQ3W	[R] 60-400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	20162	[RL] 40-300W
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing

LED Bulb			LED Spot					
LEDClassic 40W Diamond E27 2700K CL D 9290019357 LED diamond_giant 35W E27 CL DIM 9290020946 LEDClassic 40W Mushroom E27 1800K GOLD D 9290029840			CoreProLED linearD 17.5-150W R7S 118 830 9290020166 CoreProLED linearD 17.5-150W R7S 118 840 9290020167			CorePro R7S 118mm 14-100W 830 D 9290012437 CorePro R7S 118mm 14-100W 840 D 9290012438 CorePro LED linear D 14-120W R7S 118 830 9290013536 CorePro LED linear D 14-120W R7S 118 840 9290013537		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-10	98% - 0%		1	99% - 15%		1-5	95% - 2%	
1-10	96% - 0%					1-3	94% - 0%	
1-10	98% - 0%		N.A.	N.A.		1-5	93% - 0%	
2-10	98% - 0%		1-7	97% - 0%		1-8	94% - 0%	
1-10	98% - 0%		1-7	96% - 17%		1-8	98% - 6%	
1-10	98% - 0%		1-2	96% - 25%		1-5	93% - 7%	
1-10	96% - 0%							
1-10	98% - 0%		1-6	97% - 10%		1-5	94% - 0%	
2-10	67% - 0%		1-6	97% - 3%		1-5	93% - 0%	
1-10	98% - 0%		1-20	95% - 1%		1-8	92% - 0%	
2-10	97% - 0%		1-20	95% - 1%		1-8	93% - 0%	
1-10	98% - 0%		1-5	99% - 16%		1-6	98% - 3%	
1-10	98% - 0%		1-4	95% - 3%		1-5	97% - 0%	
1-10	99% - 0%		1-7	98% - 16%		1-8	93% - 0%	
1-10	99% - 0%		1-7	98% - 16%		1-8	93% - 0%	
1-10	97% - 0%		1-5	96% - 1%		1-5	93% - 0%	
1-10	94% - 0%		1-11	98% - 0%		1-8	95% - 0%	
1-10	94% - 0%		1-11	98% - 5%		1-8	93% - 0%	
1-10	98% - 0%		1-5	99% - 16%		1-6	98% - 3%	
1-10	98% - 0%		1-4	95% - 3%		1-5	97% - 0%	
1-4	99% - 0%		1	98% - 15%		1-1	94% - 0%	
2-10	97% - 1%		1-5	97% - 24%		1-6	93% - 0%	
1-10	96% - 0%		1-6	96% - 7%		1-5	93% - 0%	
1-10	96% - 0%					1-3	94% - 0%	
1-10	97% - 0%		1-3	95% - 3%		1-3	97% - 0%	
1-10	97% - 0%		1-6	96% - 1%		1-5	93% - 0%	
1-10	99% - 0%		1-6	98% - 5%		1-5	93% - 0%	
1-10	96% - 0%		1-6	98% - 10%		1-5	93% - 0%	
1-10	96% - 0%		1-6	96% - 7%		1-5	93% - 0%	
1-10	96% - 0%					1-3	94% - 0%	
1-5	99% - 0%		1	97% - 29%		1-2	93% - 0%	
1-3	99% - 0%		1-3	97% - 0%		1-5	100% - 0%	
1-10	98% - 0%		1-5	97% - 4%		1-5	93% - 0%	
	N.A.	N.A.	1-3	99% - 0%		1-4	99% - 0%	
1-10	97% - 0%							
1-10	98% - 0%		1-6	98% - 44%		1-5	93% - 0%	
1-10	98% - 0%		1-5	99% - 16%		1-5	98% - 3%	
1-10	98% - 0%		1-4	95% - 3%		1-5	97% - 0%	
1-4	99% - 0%		1	98% - 15%		1	94% - 0%	
2-10	98% - 0%		2-5	98% - 18%		1-5	94% - 4%	
2-10	97% - 0%		1-6	98% - 17%		1-5	95% - 11%	
1-7	99% - 0%		1-2	98% - 12%		1-3	100% - 1%	
1-10	97% - 0%		1-4	99% - 18%		1-5	99% - 8%	
1-10	97% - 0%		1-6	98% - 1%		1-5	97% - 0%	
1-10	98% - 0%		1-11	98% - 0%		1-8	93% - 0%	
1-10	98% - 0%		1-11	98% - 0%		1-8	93% - 0%	
1-10	97% - 0%		1-3	98% - 12%		1-3	93% - 0%	
1-10	98% - 0%		1-2	96% - 25%		1-5	93% - 0%	
1-10	97% - 2%			N.A.	N.A.		N.A.	N.A.
1-10	99% - 0%							
1-10	98% - 0%		1-4	95% - 3%		1-5	97% - 0%	
1-10	98% - 0%		1-5	99% - 16%		1-6	98% - 3%	
1-4	99% - 0%		1	98% - 15%		1	94% - 0%	
1-3	98% - 0%		1-3	98% - 27%		2-5	100% - 14%	
1-3	99% - 0%		1-3	97% - 5%		1-4	99% - 2%	
1-10	97% - 0%		1-3	98% - 0%		1-4	93% - 0%	
1-10	98% - 0%		1-5	98% - 18%		1-5	94% - 20%	
1-3	98% - 0%		1-3	99% - 19%		1-6	100% - 0%	
1-10	98% - 0%		1-6	98% - 20%		1-5	93% - 0%	
1-10	97% - 0%		1-11	98% - 29%		1-8	93% - 0%	
1-10	97% - 5%		1-11	99% - 1%		1-8	93% - 0%	
1-10	97% - 0%		1-11	98% - 0%		1-5	95% - 0%	
1-3	98% - 0%		1-3	98% - 0%		1-3	100% - 0%	
	N.A.	N.A.	4-5	99% - 0%		2	99% - 0%	
	N.A.	N.A.	2-5	99% - 0%		1-7	99% - 0%	

# Consumer 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
T.B.D.	Dimmer lamp combination not tested

This document is for information purposes and must be treated as recommendation. Signify attempted to provide best results, results are generated in lab conditions and might contain faults

Brand	Type	Load
Berker   INSTA	286710	[RC] 20 – 360 W - Turn
Berker   INSTA	2973	[LED, R, L, C] 3 – 60W - Turn
Bticino   Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 – 75W - Tast
Busch Jaeger   ABB	2250 U	[R ] 60 – 600 W - Turn
Busch Jaeger   ABB	6513 U - 102	[RC] 40 – 420 W - Turn
Busch Jaeger   ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger   ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
Busch Jaeger   ABB	6523 U-102	[LED, R, L, C] 2 – 100W - Turn- Leading
Busch Jaeger   ABB	6523 U-102	[LED, R, L, C] 2 – 100W - Turn- Trailing
Busch Jaeger   ABB	6523 UR-103	[LED, R, L, C] 2 – 400W - Turn- Leading
Busch Jaeger   ABB	6523 UR-103	[LED, R, L, C] 2 – 400W - Turn- Trailing
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
ELKO   Schneider	SBD315RC (315 GLE )	[RC] 315W
SE LK   Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 – 120W - Slider
SE LK   Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 – 120W - Slider
Eitako	EVD61NPN-UC	400W 3-wire Push Module
Eitako	EUD61NPL-230V	[LED, R, C] 4 – 200W - Module-Leading
Eitako	EUD61NPL-230V	[LED, R, C] 4 – 200W - Module-Trailing
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC] 300W
Feller   Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
Gira	1176-00/01	[RLC] 50 – 420W
Gira	2390 00/ 100	[LED] 7 – 100W - Push (3wire)
Gira   INSTA	5401 00	[LED, R, L, C] 3 – 100W/200W- Tast
Gira   INSTA	2450 00	[LED, R, L, C] 3 – 60W - Turn
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	1271LEDDE	[LED] 3–100W - Push (3wire)
Jung   INSTA	1711DE	[LED, R, L, C] 3 – 100W/200W- Tast
Jung   INSTA	1730DD	[LED, R, L, C] 3 – 60W - Turn
Klik aan Klik uit	AWMD-250	[LED] 3– 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	78401	[RLC] 40 – 500W
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	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
Niko	310-02901	[LED, R, L, C] 3 – 200W - Tast
Niko	310-03901	[LED, R, L, C] 3 – 200W - Turn
PEHA	431HAN	[RL] 6–120W [LED] 6–60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC ] 315W
Schneider	SBD200 (WDE 002299)	[ ] 4–400VA - Turn Universal (2wire)
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
VADSBO	ED 350	[RC] 50 – 350W
VADSBO	DU 250	[RC] 20–250W
VADSBO	VD300	[LED] 0 - 300VA - Turn
Varilight	HQ3W	[R] 60–400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	20162	[RL] 40–300W
Vimar	Universal dimmer 20135.1	[LED] 3 – 200W - Tast
Vimar	Universal dimmer 20136.1	[LED] 3 – 200W - Turn- Leading
Vimar	Universal dimmer 20136.1	[LED] 3 – 200W - Turn- Trailing
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing

LED Spot								
LED CLA 50W GU10 C90 WW 36D WGD 3SRT6 9290020657			MAS LED spot VLE DT 6.2-80W GU10 927 36D 9290020659			MAS LED spot VLE D 6.2-80W GU10 940 36D 9290020660		
LED CLA 50W GU10 C90 WW 36D WGD 3SRT6 9290020657			MAS LED spot VLE D 6.2-80W GU10 940 36D UK 9290020660			MAS LED spot VLE D 6.2-80W GU10 930 36D UK 9290020684		
LED CLA 50W GU10 C90 WW 36D WGD 2SRT6 9290020657			MAS LED spot VLE D 6.2-80W GU10 930 36D UK 9290020684			MAS LED spot VLE D 6.2-80W GU10 930 36D UK 9290020684		
LED CLA 50W GU10 C90 WW 36D RF WGD1PF12 9290020657								
LED CLA 50W GU10 C90 WW 36D WGD SRT4 9290020657								
LED CLA 50W GU10 C90 WW 36D WGD SRT4 9290020657								
LED CLA 50W GU10 C90 WW 36D WGD 1PF/6 9290020657								
LED CLA 50W GU10 C90 WW 36D WGD SRT4 UK 9290020657								
LED CLA 50W GU10 C90 WW 36D WGD 6CT/4 UK 9290020657								
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-20	92% - 2%		1-10	90% - 0%		1-10	90% - 0%	
1-15	98% - 23%		1-10	87% - 0%		1-10	87% - 0%	
1-20	95% - 4%			N.A.	N.A.		N.A.	N.A.
1-20	93% - 3%		1-10	92% - 0%		1-10	92% - 0%	
1-20	99% - 8%		1-10	92% - 0%		1-10	92% - 0%	
1-20	90% - 4%		1-10	92% - 0%		1-10	92% - 0%	
1-20	87% - 15%		1-10	93% - 0%		1-10	93% - 0%	
1-20	94% - 2%		1-10	87% - 0%		1-10	87% - 0%	
1-20	91% - 1%		1-10	91% - 1%		1-10	91% - 1%	
1-20	95% - 1%		1-10	89% - 0%		1-10	89% - 0%	
1-20	90% - 6%		1-11	87% - 0%		1-11	87% - 0%	
1-15	92% - 1%		1-10	87% - 1%		1-10	87% - 1%	
1-20	92% - 1%		1-10	90% - 0%		1-10	90% - 0%	
1-20	92% - 1%		1-10	90% - 0%		1-10	90% - 0%	
1-20	94% - 2%		1-10	90% - 0%		1-10	90% - 0%	
1-20	95% - 3%		1-10	91% - 0%		1-10	91% - 0%	
1-20	93% - 2%		1-10	92% - 0%		1-10	92% - 0%	
1-20	90% - 6%		1-11	87% - 0%		1-11	87% - 0%	
1-15	92% - 1%		1-10	87% - 1%		1-10	87% - 1%	
1-5	99% - 5%			N.A.	N.A.		N.A.	N.A.
1-20	97% - 6%		1-10	95% - 10%		1-10	95% - 10%	
1-20	97% - 3%		1-10	91% - 0%		1-10	91% - 0%	
1-20	98% - 23%		1-10	87% - 0%		1-10	87% - 0%	
1-15	99% - 5%		1-10	87% - 1%		1-10	87% - 1%	
1-20	93% - 2%		1-10	91% - 0%		1-10	91% - 0%	
1-20	95% - 2%		1-10	91% - 0%		1-10	91% - 0%	
1-20	92% - 2%		1-10	93% - 0%		1-10	93% - 0%	
1-20	97% - 3%		1-10	91% - 0%		1-10	91% - 0%	
1-15	98% - 23%		1-10	87% - 0%		1-10	87% - 0%	
1-5	93% - 2%		1-10	85% - 3%		1-10	85% - 3%	
1-20	86% - 2%		1-15	90% - 0%		1-15	90% - 0%	
1-20	95% - 3%		1-10	86% - 0%		1-10	86% - 0%	
1-20	87% - 2%		1-11	87% - 0%		1-11	87% - 0%	
8-20	23% - 3%		1-10	82% - 11%		1-10	82% - 11%	
1-20	90% - 6%		1-11	87% - 0%		1-11	87% - 0%	
1-15	92% - 1%		1-10	87% - 1%		1-10	87% - 1%	
1-5	99% - 5%			N.A.	N.A.		N.A.	N.A.
1-20	93% - 2%		1-10	86% - 0%		1-10	86% - 0%	
1-20	95% - 2%		1-10	87% - 1%		1-10	87% - 1%	
1-12	84% - 4%							
1-17	83% - 3%		1-9	81% - 0%		1-9	81% - 0%	
1-20	98% - 0%		1-10	88% - 2%		1-10	88% - 2%	
1-20	97% - 5%		1-10	90% - 2%		1-10	90% - 2%	
1-20	97% - 5%		1-10	90% - 2%		1-10	90% - 2%	
1-15	91% - 4%			N.A.	N.A.		N.A.	N.A.
1-20	90% - 4%		1-10	92% - 0%		1-10	92% - 0%	
1-20	98% - 0%		1-20	95% - 0%		1-20	95% - 0%	
1-20	86% - 24%		1-10	85% - 0%		1-10	85% - 0%	
1-15	92% - 1%		1-10	87% - 1%		1-10	87% - 1%	
1-20	90% - 6%		1-11	87% - 0%		1-11	87% - 0%	
1-5	99% - 5%			N.A.	N.A.		N.A.	N.A.
1-18	88% - 12%		1-10	77% - 5%		1-10	77% - 5%	
1-13	90% - 11%		1-7	73% - 0%		1-7	73% - 0%	
1-15	98% - 1%		1-10	85% - 0%		1-10	85% - 0%	
1-20	97% - 1%		1-10	89% - 0%		1-10	89% - 0%	
1-20	97% - 0%		1-11	94% - 0%		1-11	94% - 0%	
1-20	96% - 5%		1-10	95% - 0%		1-10	95% - 0%	
1-20	94% - 3%		1-10	86% - 0%		1-10	86% - 0%	
1-20	97% - 0%		1-10	87% - 1%		1-10	87% - 1%	
1-20	93% - 0%		1-10	85% - 1%		1-10	85% - 1%	
1-12	87% - 0%		1-7	87% - 0%		1-7	87% - 0%	
2-20	87% - 0%		6-13	88% - 0%		6-13	88% - 0%	
1-20	92% - 0%		4-13	90% - 0%		4-13	90% - 0%	

# Consumer 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
T.B.D.	Dimmer lamp combination not tested

This document is for information purposes and must be treated as recommendation. Signify attempted to provide best results, results are generated in lab conditions and might contain faults

Brand	Type	Load
Berker   INSTA	286710	[RC] 20 – 360 W - Turn
Berker   INSTA	2973	[LED, R, L, C] 3 - 60W - Turn
Bticino   Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast
Busch Jaeger   ABB	2250 U	[R ] 60 – 600 W - Turn
Busch Jaeger   ABB	6513 U - 102	[RC] 40 – 420 W - Turn
Busch Jaeger   ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger   ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
Busch Jaeger   ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Leading
Busch Jaeger   ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Trailing
Busch Jaeger   ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Leading
Busch Jaeger   ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Trailing
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
ELKO   Schneider	SBD315RC (315 GLE )	[RC] 315W
SE LK   Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider
SE LK   Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider
Eitako	EVD61NPN-UC	400W 3-wire Push Module
Eitako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Leading
Eitako	EUD61NPL-230V	[LED, R, C] 4 - 200W - Module-Trailing
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC] 300W
Feller   Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
Gira	1176-00/01	[RLC] 50 – 420W
Gira	2390 00/ 100	[LED] 7 – 100W - Push (3wire)
Gira   INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast
Gira   INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	1271LEDDE	[LED] 3 – 100W - Push (3wire)
Jung   INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast
Jung   INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn
Klik aan Klik uit	AWMD-250	[LED] 3- 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	78401	[RLC] 40 – 500W
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	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	[ ] 4-400VA - Turn Universal (2wire)
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
VADSBO	ED 350	[RC] 50 – 350W
VADSBO	DU 250	[RC] 20 – 250W
VADSBO	VD300	[LED] 0 - 300VA - Turn
Varilight	HQ3W	[R] 60-400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	20162	[RL] 40-300W
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing

LED Capsule						Led Spot		
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			MAS LEDspot PAR30S D 75W 927 25D 9290034854		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-20	95% - 0%		1-15	93% - 0%		1-8	94% - 0%	
1-20	95% - 0%		1-15	93% - 68%			N.A.	N.A.
1-20	94% - 0%		1-15	92% - 0%		1-8	94% - 0%	
2-20	94% - 0%		1-15	93% - 0%		1-10	94% - 0%	
1-20	96% - 0%		1-15	94% - 0%		1-10	93% - 0%	
1-20	93% - 0%		1-15	92% - 0%		1-10	96% - 0%	
						1-11	99% - 0%	
1-20	79% - 0%		1-15	81% - 0%		1-10	97% - 0%	
1-20	90% - 0%		1-15	90% - 0%		1-10	97% - 0%	
1-20	93% - 0%		1-15	92% - 0%		1-20	95% - 0%	
1-20	93% - 0%		1-15	92% - 0%		1-20	95% - 0%	
1-16	99% - 0%		1-20	99% - 0%		1-8	99% - 0%	
1-20	89% - 0%		1-15	89% - 0%		1-5	94% - 0%	
1-20	87% - 0%		1-15	87% - 0%		1-10	94% - 0%	
1-20	87% - 0%		1-15	87% - 0%		1-10	94% - 0%	
1-20	86% - 0%		1-15	87% - 0%		1-8	95% - 0%	
1-20	84% - 0%		1-15	85% - 0%		1-20	93% - 0%	
1-20	91% - 0%		1-15	90% - 0%		1-20	93% - 0%	
1-16	99% - 0%		1-20	99% - 0%		1-8	99% - 0%	
1-20	89% - 0%		1-15	89% - 0%		1-5	94% - 0%	
1-8	83% - 0%		1-5	84% - 0%		1-2	94% - 0%	
1-20	89% - 0%		1-15	89% - 0%		2-8	91% - 0%	
1-20	79% - 0%		1-15	91% - 0%		1-10	95% - 0%	
1-20	95% - 0%		1-15	93% - 68%			N.A.	N.A.
1-20	94% - 0%		1-15	87% - 0%		1-5	94% - 0%	
1-20	94% - 0%		1-15	87% - 0%		1-10	95% - 0%	
1-20	96% - 0%		1-15	85% - 0%		1-10	94% - 0%	
1-20	85% - 0%		1-15	90% - 0%		1-10	94% - 0%	
1-20	79% - 0%		1-15	91% - 0%		1-10	95% - 0%	
1-20	95% - 0%		1-15	93% - 68%			N.A.	N.A.
1-9	79% - 0%		1-5	91% - 31%		1-3	94% - 0%	
1-20	96% - 0%		1-20	99% - 0%				
1-20	85% - 0%		1-15	97% - 0%		1-8	95% - 0%	
1-20	100% - 0%		1-20	99% - 0%		1-6	99% - 0%	
1-20	90% - 0%		1-15	85% - 0%		1	93% - 1%	
1-16	99% - 0%		1-20	99% - 0%		1-8	99% - 0%	
1-20	89% - 0%		1-15	89% - 0%		1-5	94% - 0%	
1-8	83% - 0%		1-5	87% - 0%		1-2	94% - 0%	
1-20	96% - 0%		1-15	85% - 0%		1-8	93% - 1%	
1-20	85% - 0%		1-15	90% - 0%			N.A.	N.A.
1-14	96% - 0%		1-11	95% - 0%				
2-20	92% - 0%		2-16	99% - 0%		1-8	99% - 0%	
1-20	82% - 0%		1-15	90% - 0%		1-10	96% - 5%	
1-20	94% - 10%		1-15	88% - 8%		1-20	95% - 0%	
1-20	94% - 10%		1-15	88% - 8%		1-20	95% - 0%	
1-20	88% - 0%		1-15	89% - 0%		1-5	94% - 0%	
1-20	93% - 0%		1-15	92% - 0%			N.A.	N.A.
1-20	100% - 0%		1-20	99% - 0%		1-15	98% - 0%	
1-20	85% - 0%			N.A.	N.A.	1-10	93% - 0%	
1-20	89% - 0%		1-15	89% - 0%		1-5	94% - 0%	
1-16	99% - 0%		1-20	99% - 0%		1-8	99% - 0%	
1-8	83% - 0%		1-5	86% - 0%		1-2	94% - 0%	
1-20	94% - 0%		1-18	98% - 0%				
1-19	93% - 0%		1-13	98% - 0%				
1-20	94% - 0%		1-15	88% - 0%		1-6	95% - 0%	
1-20	94% - 0%		1-15	88% - 0%		1-8	92% - 0%	
1-20	93% - 0%		1-20	97% - 0%				
1-20	81% - 0%		1-15	90% - 0%		1-8	94% - 0%	
1-20	83% - 0%		1-15	89% - 0%		1-20	95% - 2%	
1-20	96% - 0%		1-15	93% - 0%		1-20	93% - 0%	
1-20	85% - 0%		1-15	93% - 0%		1-20	93% - 0%	
			1-12	95% - 0%		1-5	99% - 0%	
			3-20	90% - 0%	4-5	5-10	100% - 0%	
			3-20	99% - 0%		5-10	100% - 0%	

# Consumer 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
T.B.D.	Dimmer lamp combination not tested

This document is for information purposes and must be treated as recommendation. Signify attempted to provide best results, results are generated in lab conditions and might contain faults

Brand	Type	Load
Berker   INSTA	286710	[RC] 20 – 360 W - Turn
Berker   INSTA	2973	[LED, R, L, C] 3 – 60W - Turn
Bticino   Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 – 75W - Tast
Busch Jaeger   ABB	2250 U	[R ] 60 – 600 W - Turn
Busch Jaeger   ABB	6513 U - 102	[RC] 40 – 420 W - Turn
Busch Jaeger   ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger   ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
Busch Jaeger   ABB	6523 U-102	[LED, R, L, C] 2 – 100W - Turn- Leading
Busch Jaeger   ABB	6523 U-102	[LED, R, L, C] 2 – 100W - Turn- Trailing
Busch Jaeger   ABB	6523 UR-103	[LED, R, L, C] 2 – 400W - Turn- Leading
Busch Jaeger   ABB	6523 UR-103	[LED, R, L, C] 2 – 400W - Turn- Trailing
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
ELKO   Schneider	SBD315RC (315 GLE )	[RC] 315W
SE LK   Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 – 120W - Slider
SE LK   Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 – 120W - Slider
Eitako	EVD61NPN-UC	400W 3-wire Push Module
Eitako	EUD61NPL-230V	[LED, R, C] 4 – 200W - Module-Leading
Eitako	EUD61NPL-230V	[LED, R, C] 4 – 200W - Module-Trailing
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC] 300W
Feller   Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
Gira	1176-00/01	[RLC] 50 – 420W
Gira	2390 00/ 100	[LED] 7 – 100W - Push (3wire)
Gira   INSTA	5401 00	[LED, R, L, C] 3 – 100W/200W- Tast
Gira   INSTA	2450 00	[LED, R, L, C] 3 – 60W - Turn
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	1271LEDDE	[LED] 3 – 100W - Push (3wire)
Jung   INSTA	1711DE	[LED, R, L, C] 3 – 100W/200W- Tast
Jung   INSTA	1730DD	[LED, R, L, C] 3 – 60W - Turn
Klik aan Klik uit	AWMD-250	[LED] 3 – 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	78401	[RLC] 40 – 500W
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	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
Niko	310-02901	[LED, R, L, C] 3 – 200W - Tast
Niko	310-03901	[LED, R, L, C] 3 – 200W - Turn
PEHA	431HAN	[RL] 6 – 120W [LED] 6 – 60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	[ ] 4-400VA - Turn Universal (2wire)
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
VADSBO	ED 350	[RC] 50 – 350W
VADSBO	DU 250	[RC] 20 – 250W
VADSBO	VD300	[LED] 0 – 300VA - Turn
Varilight	HQ3W	[R] 60-400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	20162	[RL] 40-300W
Vimar	Universal dimmer 20135.1	[LED] 3 – 200W - Tast
Vimar	Universal dimmer 20136.1	[LED] 3 – 200W - Turn- Leading
Vimar	Universal dimmer 20136.1	[LED] 3 – 200W - Turn- Trailing
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing

LED Spot			LED Candle			LED Spot		
MAS LEDspot PAR38 D 100W 927 25D 9290034852			LED classic 60W B35 E14 CL WGD90 9290030139 LED classic 60W B35 B22 CL WGD90 9290030140 LED classic 60W P45 E14 WGD90 CL 9290030141 LED classic 60W P45 B22 WGD90 CL 9290030142 LED classic 60W P45 E27 WGD90 CL 9290030143			MAS LEDspot PAR20 D 50W 927 25D 9290034857		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-5	98% - 0%		1-5	72% - 0%		1-15	97% - 0%	
1-5	99% - 0%		1-10	0% - 0%		N.A.	N.A.	N.A.
1-5	98% - 0%		1	96% - 0%		1-15	97% - 0%	
1-10	98% - 0%		1-20	93% - 0%		1-15	97% - 0%	
1-10	98% - 0%		1-10	66% - 0%		1-15	98% - 0%	
1-8	98% - 0%		1-17	95% - 0%		1-15	98% - 0%	
1-8	100% - 0%		N.A.	N.A.				
1-8	99% - 0%		1-20	87% - 0%		1-15	97% - 0%	
1-8	99% - 0%		N.A.	N.A.		1-15	97% - 0%	
1-10	99% - 0%		1-20	76% - 0%		1-15	96% - 0%	
1-10	99% - 0%		1	93% - 0%		1-15	97% - 0%	
1-6	100% - 0%		1-3	95% - 0%		1-15	99% - 0%	
1-5	98% - 0%		1-4	97% - 0%		1-15	96% - 0%	
1-10	99% - 0%		1	97% - 0%		1-15	97% - 0%	
1-10	99% - 0%		1-20	0% - 0%		1-15	97% - 0%	
1-5	98% - 0%		1	0% - 0%		1-15	96% - 0%	
1-10	97% - 0%		1-15	70% - 0%		1-15	96% - 0%	
1-10	97% - 0%		1-20	98% - 0%		1-15	95% - 0%	
1-6	100% - 0%		1-3	95% - 0%		1-15	99% - 0%	
1-5	98% - 0%		1-4	97% - 0%		1-15	96% - 0%	
1-2	98% - 0%		1-3	96% - 0%		1-5	96% - 0%	
1-5	99% - 7%		N.A.	N.A.		1-15	96% - 0%	
1-8	99% - 0%		1-17	97% - 0%		1-15	98% - 0%	
1-5	99% - 0%		1-10	80% - 0%		N.A.	N.A.	N.A.
1-5	98% - 0%		1-3	70% - 0%		1-15	97% - 0%	
1-8	99% - 0%		1-5	70% - 2%		1-15	95% - 0%	
2-8	98% - 14%		1-17	69% - 0%		1-15	95% - 0%	
1-8	97% - 0%		1-17	96% - 0%		1-15	97% - 0%	
1-8	99% - 0%		1-17	97% - 0%		1-15	98% - 0%	
1-5	99% - 0%		1-10	80% - 0%		N.A.	N.A.	N.A.
1-2	83% - 3%		1-4	99% - 2%		1-5	95% - 0%	
			1-3	99% - 0%		1-19	92% - 0%	
1-5	98% - 0%		1-5	97% - 0%		1-15	97% - 0%	
1-5	100% - 0%		1-10	96% - 0%		1-15	99% - 0%	
1-8	97% - 0%		1-2	98% - 0%		N.A.	N.A.	N.A.
1-6	100% - 0%		1-3	95% - 0%		1-15	99% - 0%	
1-5	98% - 0%		1-3	97% - 0%		1-15	96% - 0%	
1-2	98% - 0%		1-3	96% - 0%		1-5	96% - 0%	
1-5	98% - 0%		1-15	96% - 0%		1-15	89% - 0%	
1-8	97% - 0%		1-17	97% - 0%		2-15	97% - 0%	
1-3	98% - 2%		1-6	96% - 0%		1-10	96% - 0%	
1-6	100% - 0%		1-14	99% - 0%		1-15	99% - 0%	
1-8	97% - 0%		N.A.	N.A.		1-15	96% - 0%	
1-8	100% - 0%		N.A.	N.A.		1-15	97% - 0%	
1-8	100% - 0%		N.A.	N.A.		1-15	97% - 0%	
1-5	98% - 0%		1-10	99% - 10%		1-10	96% - 0%	
1-8	98% - 0%		1-17	95% - 0%		1-15	98% - 0%	
1-8	100% - 0%		N.A.	N.A.		1-15	99% - 0%	
1-8	97% - 2%		N.A.	N.A.		1-15	97% - 0%	
1-5	98% - 0%		1-3	97% - 0%		1-15	96% - 0%	
1-6	100% - 0%		1-3	95% - 0%		1-15	99% - 0%	
1-2	98% - 0%		1-3	96% - 0%		1-8	96% - 0%	
			1-3	100% - 0%		1-16	97% - 0%	
			1-3	100% - 0%		1-12	96% - 0%	
1-5	97% - 0%		1-3	95% - 0%		1-10	96% - 0%	
1-5	98% - 0%		1-3	97% - 0%		2-15	96% - 0%	
			1-3	0% - 0%		1-19	96% - 0%	
1-5	98% - 0%		1-17	99% - 0%		1-15	96% - 0%	
1-5	97% - 6%		1-20	72% - 3%		1-15	96% - 0%	
1-10	98% - 4%		1-20	72% - 0%		1-15	96% - 0%	
1-10	97% - 5%		N.A.	N.A.		1-15	96% - 0%	
1-4	99% - 0%		1-8	96% - 0%		1-11	98% - 0%	
N.A.	N.A.	N.A.	5-10	97% - 0%		3-15	97% - 0%	
3-7	100% - 0%		3-10	97% - 0%		1-15	99% - 0%	

## Notes:

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- #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".



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Data subject to change.