

# 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	[Type] Load
Berker  INSTA	286710	[RC] 20 – 360 W - Turn
Berker  INSTA	283010	[R ] 60 – 400 W - Turn
Bticino	L4407	60 – 250 W
Busch Jaeger  ABB	2200 U-503	[R] 60 – 400 W - Turn
Busch Jaeger  ABB	2247 U	[R L] 20 – 500 W - Turn
Busch Jaeger  ABB	2250 U	[R] 60 – 600 W - Turn
Busch Jaeger  ABB	6513 U-102	[RC] 40 – 420 W - Turn
Busch Jaeger  ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger  ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
ELKO  Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
ELKO  Schneider	SBD315RC (315 GLE )	[RC] 315W
ELKO  Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W
Eltako	EVD6INPN-UC	400W 3-wire Push Module
Feller  Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
Feller  Schneider	40300 (SBD315)	[RLC ] 300W
Feller  Schneider	40420 (SBD420)	[RLC ] 420W
GIRA	1176-00/01	[RLC ] 50 – 420W
GIRA	2390 00/ 100	[LED] 7 – 100W - Push (3wire)
Hager	EVN 011	[RC ] 300VA
Hager	EVN 012	[RC ] 300W
Hager	EVN 004	[RL ] 500VA
Jung	225 TDE	[RC ] 20 – 525 W - Turn
Jung	1271LEDDE	[LED] 3 – 100W - Push (3wire)
Klik aan Klik uit	AWMD-250	[LED] 3 – 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	774161	[RL] 40 – 400 W - Turn
Legrand	78401	[RLC] 40 – 500W
Legrand	67081	[RL] 40 – 400 W - Turn
Legrand	67082	[RL] 40 – 600 W - Turn
Legrand	67083	[RLC] 3 – 400W
Legrand	67084	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	67085 (078406)	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	L4402N	[R] 60 – 500W
Merten  Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
Merten  Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten  Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20–420 VA
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
PEHA	431HAN	[RL] 6–120W [LED] 6–60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W
Schneider	SBD315RC (ATD315)(CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	4–400VA - Turn Universal (2wire)
Schneider	SBD315RC (SBD 315)	[RC] 315W
VADSBO	ED 350	[RC] 50 –350W
VADSBO	DRS 315	[RC] 50 –315W
VADSBO	DU 250	[RC] 20 –250W
Varilight	HQ3W	[R] 60–400W
Varilight	ICT401 M	[RC] 20–400W
Vimar	20148	[RL] 500W
Vimar	14153	[R]
Vimar	20160	[RC]
Vimar	20162	[RL] 40–300W
IKEA	E0902 – Dim	[R] 25–150W
Philips Dyalite	DDLE801	(100W per channel)
Philips Dyalite	DDTM102 Module	(460 W per channel)

LED Bulb								
LED classic 40W A60 E27 CL WGD90 9290030099 LED classic 40W A60 E27 FR WGD90 9290030100 LED classic 40W A60 B22 CL WGD90 9290030101 LED classic 40W A60 B22 FR WGD90 9290030102			LED classic 60W A60 E27 CL WGD90 9290030103 LED classic 60W A60 E27 FR WGD90 9290030104 LED classic 60W A60 B22 CL WGD90 9290030105 LED classic 60W A60 B22 FR WGD90 9290030106 LED classic 60W ST64 E27 CL WGD90 9290030107 LED classic 60W ST64 B22 CL WGD90 9290030108 LED classic 60W G93 E27 CL WGD90 9290030109 LED classic 60W G93 B22 CL WGD90 9290030110			LED classic 75W A60 E27 CL WGD90 9290030111 LED classic 75W A60 B22 CL WGD90 9290030112 LED classic 75W A60 E27 FR WGD90 9290030113 LED classic 75W A60 B22 FR WGD90 9290030114		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
5-15	100% - 0%		1-12	99% - 0%		N.A.	N.A.	N.A.
1-15	98% - 0%		1-13	97% - 0%		1-4	96% - 0%	
1-15	96% - 0%		1-15	95% - 0%		1-4	96% - 0%	
1-15	97% - 0%		1-8	99% - 0%		1-4	97% - 0%	
1-15	96% - 0%		1-17	98% - 0%		1-4	97% - 0%	
1-15	98% - 0%		1-3	99% - 0%		1-4	98% - 0%	
15	97% - 0%		1-18	98% - 0%		1-4	96% - 0%	
1-15	99% - 0%		1-13	99% - 0%		1-4	96% - 0%	
1-15	98% - 0%		1-3	99% - 0%		1-4	98% - 0%	
1-15	97% - 0%		1-14	99% - 0%		1-4	98% - 0%	
1-15	100% - 0%		1-15	99% - 0%		1-4	97% - 0%	
1-15	99% - 0%		1-17	99% - 0%		1-4	96% - 0%	
1-15	96% - 0%		1-17	97% - 0%		1-4	96% - 0%	
1-15	98% - 0%		1-20	99% - 0%		1-4	97% - 0%	
1-15	98% - 0%		1-3	99% - 0%		1-4	98% - 0%	
1-15	98% - 0%		1-3	99% - 0%		1-4	98% - 0%	
1-15	98% - 0%		1-3	99% - 0%		1-4	98% - 0%	
1-15	99% - 0%		3-15	97% - 0%		1-4	96% - 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	[Type] Load
Berker   INSTA	286710	[RC] 20 – 360 W - Turn
Berker   INSTA	283010	[R] 60 – 400 W - Turn
Bticino	L4407	60 – 250 W
Busch Jaeger   ABB	2200 U-503	[R] 60 – 400 W - Turn
Busch Jaeger   ABB	2247 U	[R L] 20 – 500 W - Turn
Busch Jaeger   ABB	2250 U	[R] 60 – 600 W - Turn
Busch Jaeger   ABB	6513 U-102	[RC] 40 – 420 W - Turn
Busch Jaeger   ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger   ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
ELKO   Schneider	SBD315RC (315 GLE )	[RC] 315W
ELKO   Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W
Eitako	EVD6INPN-UC	400W 3-wire Push Module
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC ] 300W
Feller   Schneider	40420 (SBD420)	[RLC ] 420W
GIRA	1176-00/01	[RLC ] 50 – 420W
GIRA	2390 00/ 100	[LED] 7 – 100W - Push (3wire)
Hager	EVN 011	[RC ] 300VA
Hager	EVN 012	[RC ] 300W
Hager	EVN 004	[RL ] 500VA
Jung	225 TDE	[RC ] 20 – 525 W - Turn
Jung	1271LEDDE	[LED] 3 – 100W - Push (3wire)
Klik aan Klik uit	AWMD-250	[LED] 3 – 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	774161	[RL] 40 – 400 W - Turn
Legrand	78401	[RLC] 40 – 500W
Legrand	67081	[RL] 40 – 400 W - Turn
Legrand	67082	[RL] 40 – 600 W - Turn
Legrand	67083	[RLC] 3 – 400W
Legrand	67084	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	67085 (078406)	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	L4402N	[R] 60 – 500W
Merten   Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Merten   Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten   Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W
Schneider	SBD315RC (ATD315)(CCTO11533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	4-400VA - Turn Universal (2wire)
Schneider	SBD315RC (SBD 315)	[RC] 315W
VADSBO	ED 350	[RC] 50 –350W
VADSBO	DRS 315	[RC] 50 –315W
VADSBO	DU 250	[RC] 20 –250W
Varilight	HQ3W	[R] 60-400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	14153	[R]
Vimar	20160	[RC]
Vimar	20162	[RL] 40-300W
IKEA	E0902 - Dim	[R] 25-150W
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDTM102 Module	(460 W per channel)

LED Bulb			LED Candle			LED Candle		
LED classic 100W A60 E27 CL WGD90 9290030115 LED classic 100W A60 E27 FR WGD90 9290030117			LED classic 25W B35 E14 CL WGD90 9290030119 LED classic 25W P45 E14 CL WGD90 9290030120 LED classic 25W P45 E27 CL WGD90 9290030121 LED classic 25W B35 B22 CL WGD90 9290030712 LED classic 25W BA35 E14 CL WGD90 9290030713			LED classic 40W B35 E14 CL WGD90 9290030122 LED classic 40W B35 E27 CL WGD90 9290030123 LED classic 40W B35 B22 CL WGD90 9290030124 LED classic 40W B35 B15 CL WGD90 9290030125 LED classic 40W B35 E14 FR WGD90 9290030126 LED classic 40W B35 E27 FR WGD90 9290030127 LED classic 40W B35 B22 FR WGD90 9290030128 LED classic 40W B35 B15 FR WGD90 9290030129 LED classic 40W BA35 E14 CL WGD90 9290030130 LED classic 40W P45 E14 WGD90 CL 9290030131 LED classic 40W P45 E27 CL WGD90 9290030132 LED classic 40W P45 B22 CL WGD90 9290030133 LED classic 40W P45 B15 CL WGD90 9290030134 LED classic 40W P45 E14 FR WGD90 9290030135 LED classic 40W P45 E27 WGD90 FR 9290030136 LED classic 40W P45 B22 WGD90 FR 9290030137 LED classic 40W P45 B15 WGD90 FR 9290030138		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
	N.A.	N.A.	1-20	98% - 0%		1-20	97% - 0%	
1-8	96% - 41%	96% - 41%	2-9	43% - 0%		2-20	96% - 0%	
1-10	97% - 0%	97% - 0%	1-20	97% - 0%		1-20	96% - 0%	
1-11	98% - 0%	98% - 0%		N.A.	N.A.	1-20	96% - 0%	
1-8	96% - 14%	96% - 14%	1-20	98% - 0%		1-20	97% - 0%	
1-10	99% - 9%	99% - 9%	1-20	98% - 0%		1-20	92% - 0%	
1-6	98% - 3%	98% - 3%	1-20	96% - 0%		1-18	97% - 0%	
1-10	97% - 14%	97% - 14%	1-20	98% - 0%		1-20	98% - 0%	
1-8	95% - 0%	95% - 0%		N.A.	N.A.	10-20	95% - 0%	
1-6	98% - 3%	98% - 3%	1-20	96% - 0%		1-18	97% - 0%	
2-8	99% - 12%	99% - 12%	1-20	96% - 0%		1-20	97% - 0%	
1-9	98% - 13%	98% - 13%	1-20	98% - 0%		1-20	92% - 0%	
1-10	99% - 14%	99% - 14%	1-20	80% - 0%		1-20	99% - 0%	
1-10	99% - 9%	99% - 9%	1-20	98% - 0%		1-20	92% - 0%	
1-6	98% - 3%	98% - 3%	1-20	96% - 0%		1-18	97% - 0%	
1-6	98% - 3%	98% - 3%	1-20	96% - 0%		1-18	97% - 0%	
1-6	98% - 3%	98% - 3%	1-20	96% - 0%		1-18	97% - 0%	
1-8	98% - 19%	98% - 19%		N.A.	N.A.	2-20	97% - 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.
X - Y	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	[Type] Load
Berker   INSTA	286710	[RC] 20 – 360 W – Turn
Berker   INSTA	283010	[R] 60 – 400 W – Turn
Bticino	L4407	60 – 250 W
Busch Jaeger   ABB	2200 U-503	[R] 60 – 400 W – Turn
Busch Jaeger   ABB	2247 U	[R L] 20 – 500 W – Turn
Busch Jaeger   ABB	2250 U	[R] 60 – 600 W – Turn
Busch Jaeger   ABB	6513 U-102	[RC] 40 – 420 W – Turn
Busch Jaeger   ABB	6523 U	[LED] 2 – 100 VA-LED – Turn
Busch Jaeger   ABB	6526 U	[LED] 2 – 100 VA-LED – Push (2wire)
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
ELKO   Schneider	SBD315RC (315 GLE)	[RC] 315W
ELKO   Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W
Eltako	EVD6INPN-UC	400W 3-wire Push Module
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC] 300W
Feller   Schneider	40420 (SBD420)	[RLC] 420W
GIRA	1176-00/01	[RLC] 50 – 420W
GIRA	2390 00/ 100	[LED] 7 – 100W – Push (3wire)
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	225 TDE	[RC] 20 – 525 W – Turn
Jung	127LEDDE	[LED] 3 – 100W – Push (3wire)
Klik aan Klik uit	AWMD-250	[LED] 3 – 24W
Klik aan Klik uit	ACM 300	300W – 3-wire Push LED Dimmer
Legrand	774161	[RL] 40 – 400 W – Turn
Legrand	78401	[RLC] 40 – 500W
Legrand	67081	[RL] 40 – 400 W – Turn
Legrand	67082	[RL] 40 – 600 W – Turn
Legrand	67083	[RLC] 3 – 400W
Legrand	67084	[RLC] 8 – 300 VA – Push LED (3wire)
Legrand	67085 (078406)	[RLC] 8 – 300 VA – Push LED (3wire)
Legrand	L4402N	[R] 60 – 500W
Merten   Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Merten   Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten   Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA
MK - Electric	K1535	[R] 65 – 450 W – Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W – Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 – 100 VA-LED – Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W
Schneider	SBD315RC (ATD315)(CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	4-400VA – Turn Universal (2wire)
Schneider	SBD315RC (SBD 315)	[RC] 315W
VADSBO	ED 350	[RC] 50 –350W
VADSBO	DRS 315	[RC] 50 –315W
VADSBO	DU 250	[RC] 20 –250W
Varilight	HQ3W	[R] 60-400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	14153	[R]
Vimar	20160	[RC]
Vimar	20162	[RL] 40-300W
IKEA	E0902 – Dim	[R] 25-150W
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDTM102 Module	(460 W per channel)

LED Candle			LED Bulb			LED Spot		
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			LED classic 100W A60 B22 CL WGD90 9290030116 LED classic 100W A60 B22 FR WGD90 9290030118			LED CLA 35W GU10 C90 WW 36D RF WGD1PF12 9290020655 LED CLA 35W GU10 C90 WW 36D WGD 35RT6 9290020655 LED CLA 35W GU10 C90 WW 36D WGD 25RT6 9290020655 LED CLA 35W GU10 C90 WW 36D WGD 1PF/6 9290020655 LED CLA 35W GU10 C90 WW 36D WGD SRT4 9290020655 LED CLA 35W GU10 C90 CW 36D D 1PF/6 9290020656		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
	N.A.	N.A.	1-7	99% - 18%		1-5	90% - 5%	
1-13	98% - 0%		1-3	98% - 7%		1-5	93% - 0%	
1-17	97% - 0%		1-3	90% - 0%	N.A.	1-5	93% - 8%	
1-20	98% - 0%		N.A.	N.A.	N.A.	1-5	94% - 5%	
1-14	98% - 0%		N.A.	N.A.	N.A.	1-5	93% - 6%	
1-17	97% - 0%		1-10	98% - 0%		1-5	89% - 0%	
1-11	99% - 0%		1-6	99% - 8%		1-5	95% - 5%	
1-18	96% - 0%		1-11	98% - 22%		1-5	96% - 9%	
1-13	97% - 0%		1-8	99% - 0%		1-5	91% - 5%	
1-11	99% - 0%		1-6	99% - 8%		1-5	95% - 5%	
1-14	96% - 0%		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1-15	97% - 0%		1-9	96% - 4%		N.A.	N.A.	N.A.
1-17	98% - 0%		1-10	99% - 5%		N.A.	N.A.	N.A.
1-17	97% - 0%		1-10	98% - 0%		1-5	89% - 0%	
1-8	98% - 0%		1-10	97% - 7%		1-5	89% - 6%	
1-11	99% - 0%		1-6	99% - 8%		1-5	95% - 5%	
1-11	99% - 0%		1-6	99% - 8%		1-5	95% - 5%	
1-11	99% - 0%		1-6	99% - 8%		1-5	95% - 5%	
1-13	97% - 0%		1	99% - 4%		1-5	93% - 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	[Type] Load
Berker   INSTA	286710	[RC] 20 – 360 W - Turn
Berker   INSTA	283010	[R ] 60 – 400 W - Turn
Bticino	L4407	60 – 250 W
Busch Jaeger   ABB	2200 U-503	[R] 60 – 400 W - Turn
Busch Jaeger   ABB	2247 U	[R L] 20 – 500 W - Turn
Busch Jaeger   ABB	2250 U	[R] 60 – 600 W - Turn
Busch Jaeger   ABB	6513 U-102	[RC] 40 – 420 W - Turn
Busch Jaeger   ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger   ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
ELKO   Schneider	SBD315RC (315 GLE )	[RC] 315W
ELKO   Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W
Eitako	EVD6INPN-UC	400W 3-wire Push Module
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC] 300W
Feller   Schneider	40420 (SBD420)	[RLC] 420W
GIRA	1176-00/01	[RLC] 50 – 420W
GIRA	2390 00/ 100	[LED] 7 – 100W - Push (3wire)
Hager	EVN 011	[RC ] 300VA
Hager	EVN 012	[RC ] 300W
Hager	EVN 004	[RL ] 500VA
Jung	225 TDE	[RC ] 20 – 525 W - Turn
Jung	1271LEDDE	[LED] 3 – 100W - Push (3wire)
Klik aan Klik uit	AWMD-250	[LED] 3 – 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	774161	[RL] 40 – 400 W - Turn
Legrand	78401	[RLC] 40 – 500W
Legrand	67081	[RL] 40 – 400 W - Turn
Legrand	67082	[RL] 40 – 600 W - Turn
Legrand	67083	[RLC] 3 – 400W
Legrand	67084	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	67085 (078406)	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	L4402N	[R] 60 – 500W
Merten   Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Merten   Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten   Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 –100 VA
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W
Schneider	SBD315RC (ATD315)(CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	4-400VA - Turn Universal (2wire)
Schneider	SBD315RC (SBD 315)	[RC] 315W
VADSBO	ED 350	[RC] 50 –350W
VADSBO	DRS 315	[RC] 50 –315W
VADSBO	DU 250	[RC] 20 –250W
Varilight	HQ3W	[R] 60-400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	14153	[R]
Vimar	20160	[RC]
Vimar	20162	[RL] 40-300W
IKEA	E0902 - Dim	[R] 25-150W
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDTM102 Module	(460 W per channel)

LED Spot								
LED CLA 50W GU10 C90 WW 36D WGD 6CT/4 9290020657 LED CLA 50W GU10 C90 WW 36D WGD 2SRT6 9290020657			LEDClassic 80W GU10 C90 CW 36D D 9290020660			LED CLA 35W GU10 C90 WH 36D DIM 9290020682 LED CLA 35W GU10 C90 CW 36D D 1PF SRT4 9290020656		
								
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-5	97% - 7%		1-5	93% - 0%		1-5	96% - 15%	
1-5	97% - 3%		1-5	68% - 0%		1-5	98% - 32%	
1-5	86% - 3%		1-5	62% - 0%		1-5	96% - 23%	
1-5	97% - 3%		1-5	95% - 0%		1-5	96% - 4%	
1-5	98% - 0%		1-5	99% - 0%		1-5	97% - 2%	
1-5	97% - 10%		1-5	94% - 0%		1-5	99% - 34%	
1-5	81% - 0%		1-5	79% - 0%		1-5	85% - 7%	
			1-5	93% - 1%				
1-5	97% - 3%					1-5	97% - 19%	
			1-5	93% - 1%				
1-5	97% - 7%		1-5	94% - 1%		1-5	98% - 34%	
1-5	98% - 0%		1-5	98% - 0%		1-5	98% - 0%	
			1-5	93% - 1%				
1-5	97% - 3%					1-5	97% - 19%	
2-5	100% - 7%		1-5	98% - 56%			N.A.	N.A.
	N.A.	N.A.	1-5	49% - 0%		1-5	83% - 11%	
1-5	85% - 3%		1-5	89% - 0%		1-5	79% - 14%	
1-5	81% - 0%		1-5	79% - 0%		1-5	85% - 7%	
1-5	100% - 1%		1-5	100% - 0%			N.A.	N.A.
1-5	87% - 5%		1-5	100% - 0%		1-5	95% - 19%	
1-5	97% - 3%					1-5	97% - 19%	
1-5	97% - 3%					1-5	97% - 19%	
1-5	97% - 3%					1-5	97% - 19%	
1-5	96% - 0%		1-5	76% - 0%			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	[Type] Load
Berker   INSTA	286710	[RC] 20 – 360 W - Turn
Berker   INSTA	283010	[R ] 60 – 400 W - Turn
Bticino	L4407	60 – 250 W
Busch Jaeger   ABB	2200 U-503	[R] 60 – 400 W - Turn
Busch Jaeger   ABB	2247 U	[R L] 20 – 500 W - Turn
Busch Jaeger   ABB	2250 U	[R] 60 – 600 W - Turn
Busch Jaeger   ABB	6513 U-102	[RC] 40 – 420 W - Turn
Busch Jaeger   ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger   ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
ELKO   Schneider	SBD315RC (315 GLE )	[RC] 315W
ELKO   Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W
Eitako	EVD6INPN-UC	400W 3-wire Push Module
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC ] 300W
Feller   Schneider	40420 (SBD420)	[RLC ] 420W
GIRA	1176-00/01	[RLC ] 50 – 420W
GIRA	2390 00/ 100	[LED] 7 – 100W - Push (3wire)
Hager	EVN 011	[RC ] 300VA
Hager	EVN 012	[RC ] 300W
Hager	EVN 004	[RL ] 500VA
Jung	225 TDE	[RC ] 20 – 525 W - Turn
Jung	1271LEDDE	[LED] 3 – 100W - Push (3wire)
Klik aan Klik uit	AWMD-250	[LED] 3 – 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	774161	[RL] 40 – 400 W - Turn
Legrand	78401	[RLC] 40 – 500W
Legrand	67081	[RL] 40 – 400 W - Turn
Legrand	67082	[RL] 40 – 600 W - Turn
Legrand	67083	[RLC] 3 – 400W
Legrand	67084	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	67085 (078406)	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	L4402N	[R] 60 – 500W
Merten   Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Merten   Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten   Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W
Schneider	SBD315RC (ATD315)(CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	4-400VA - Turn Universal (2wire)
Schneider	SBD315RC (SBD 315)	[RC] 315W
VADSBO	ED 350	[RC] 50 – 350W
VADSBO	DRS 315	[RC] 50 – 315W
VADSBO	DU 250	[RC] 20 – 250W
Varilight	HQ3W	[R] 60-400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	14153	[R]
Vimar	20160	[RC]
Vimar	20162	[RL] 40-300W
IKEA	E0902 - Dim	[R] 25-150W
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDTM102 Module	(460 W per channel)

LED Bulb								
LED classic 15W B35 E14 GOLD SP D RFSRT4 9290029832 LED classic 15W P45 E14 GOLD SP D SRT4 9290029833 LED classic 15W P45 E27 GOLD SP D SRT4 9290029834			LEDCLA 40W G80 E27 922 GOLD D 2PF/4 9290030612 LEDCLA 40W ST64 E27 922 GOLD D 2PF/4 9290030615 LEDCLA 40W ST64 E27 922 GOLD SP 1PF/4 9290030617			LEDCLA 50W G80 E27 922 GOLD D 1PF/4 LEDCLA 50W G95 E27 922 GOLD D 1PF/4 9290030614 LEDCLA 50W ST64 E27 922 GOLD D 1PF/4 9290030616 LEDCLA 50W G120 E27 922 GOLD SP 1PF/4 9290030618		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-10	87% - 0%		2-10	97% - 0%		1-5	93% - 0%	
1-10	97% - 0%		1-10	99% - 0%		1-5	98% - 0%	
2-10	71% - 0%		2-10	96% - 0%		N.A.	N.A.	
1-10	96% - 0%		1-10	99% - 0%		1-5	100% - 0%	
2-10	99% - 0%		1-10	100% - 0%		1-5	97% - 0%	
2-10	95% - 0%		1-10	98% - 8%		1-5	83% - 0%	
1-10	99% - 0%		1-10	99% - 0%		1-5	99% - 0%	
1-10	89% - 0%		2-10	98% - 0%		2-5	89% - 0%	
1-10	89% - 0%		2-10	98% - 0%		2-5	89% - 0%	
1-10	85% - 0%		1-10	98% - 0%		1-5	82% - 0%	
1-10	98% - 0%		3-10	99% - 0%		1-5	100% - 0%	
1-10	89% - 0%		2-10	98% - 0%		2-5	89% - 0%	
1-2	96% - 0%		1-2	97% - 0%		1	100% - 0%	
2-10	100% - 0%		1-10	99% - 0%		1-5	98% - 0%	
2-10	100% - 0%		2-10	99% - 0%		2-5	97% - 0%	
1-10	99% - 0%		1-10	99% - 0%		1-5	99% - 0%	
1-10	98% - 0%		1-10	99% - 0%		1-5	100% - 0%	
2-10	99% - 0%		2-10	100% - 0%		2-5	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	[Type] Load
Berker   INSTA	286710	[RC] 20 – 360 W - Turn
Berker   INSTA	283010	[R] 60 – 400 W - Turn
Bticino	L4407	60 – 250 W
Busch Jaeger   ABB	2200 U-503	[R] 60 – 400 W - Turn
Busch Jaeger   ABB	2247 U	[R L] 20 – 500 W - Turn
Busch Jaeger   ABB	2250 U	[R] 60 – 600 W - Turn
Busch Jaeger   ABB	6513 U-102	[RC] 40 – 420 W - Turn
Busch Jaeger   ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger   ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
ELKO   Schneider	SBD315RC (315 GLE )	[RC] 315W
ELKO   Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W
Eltako	EVD61NPN-UC	400W 3-wire Push Module
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC] 300W
Feller   Schneider	40420 (SBD420)	[RLC] 420W
GIRA	1176-00/01	[RLC] 50 – 420W
GIRA	2390 00/ 100	[LED] 7 – 100W - Push (3wire)
Hager	EVN 011	[RC ] 300VA
Hager	EVN 012	[RC ] 300W
Hager	EVN 004	[RL ] 500VA
Jung	225 TDE	[RC ] 20 – 525 W - Turn
Jung	1271LEDDE	[LED] 3 – 100W - Push (3wire)
Klik aan Klik uit	AWMD-250	[LED] 3 – 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	774161	[RL] 40 – 400 W - Turn
Legrand	78401	[RLC] 40 – 500W
Legrand	67081	[RL] 40 – 400 W - Turn
Legrand	67082	[RL] 40 – 600 W - Turn
Legrand	67083	[RLC] 3 – 400W
Legrand	67084	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	67085 (078406)	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	L4402N	[R] 60 – 500W
Merten   Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Merten   Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten   Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W
Schneider	SBD315RC (ATD315)(CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	4-400VA - Turn Universal (2wire)
Schneider	SBD315RC (SBD 315)	[RC] 315W
VADSBO	ED 350	[RC] 50 – 350W
VADSBO	DRS 315	[RC] 50 – 315W
VADSBO	DU 250	[RC] 20 – 250W
Varilight	HQ3W	[R] 60-400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	14153	[R]
Vimar	20160	[RC]
Vimar	20162	[RL] 40-300W
IKEA	E0902 - Dim	[R] 25-150W
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDTM102 Module	(460 W per channel)

LED Bulb					
LED giant 20W E27 A160 1800K smoky D 9290029825 LED giant 20W E27 G200 1800K smoky D 9290029826 LED giant 20W E27 T65 1800K smoky D 9290029827 LED double layers 20W E27 smoky DIM 9290029823			LED classic-giant 40W E27 A160 GOLD DIM 9290029835 LED classic-giant 40W E27 G200 GOLD DIM 9290029836 LED classic-giant 40W E27 T65 GOLD DIM 9290029837 LED giant crystal 26W E27 smoky DIM 9290029824		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
2-10	48% - 0%		1-5	99% - 0%	
1-10	51% - 0%		1-5	99% - 0%	
2-10	57% - 0%		2-5	100% - 0%	
1-10	50% - 0%		1-5	87% - 0%	
1-10	52% - 0%		1-5	98% - 0%	
1-10	49% - 5%		1-5	99% - 0%	
1-10	52% - 0%		1-5	99% - 0%	
2-10	97% - 0%		N.A.	N.A.	
2-10	97% - 0%		N.A.	N.A.	
1-10	49% - 0%		1-5	99% - 0%	
3-10	51% - 0%		1-5	98% - 0%	
2-10	97% - 0%		N.A.	N.A.	
1-2	100% - 0%		1	67% - 0%	
1-10	51% - 0%		1-5	99% - 0%	
2-10	51% - 0%		2-5	99% - 0%	
1-10	52% - 0%		1-5	99% - 0%	
1-10	51% - 0%		1-5	99% - 0%	
2-10	51% - 0%		2-5	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	[Type] Load
Berker   INSTA	286710	[RC] 20 - 360 W - Turn
Berker   INSTA	283010	[R ] 60 - 400 W - Turn
Bticino	L4407	60 - 250 W
Busch Jaeger   ABB	2200 U-503	[R ] 60 - 400 W - Turn
Busch Jaeger   ABB	2247 U	[R L] 20 - 500 W - Turn
Busch Jaeger   ABB	2250 U	[R ] 60 - 600 W - Turn
Busch Jaeger   ABB	6513 U-102	[RC] 40 - 420 W - Turn
Busch Jaeger   ABB	6523 U	[LED] 2 - 100 VA-LED - Turn
Busch Jaeger   ABB	6526 U	[LED] 2 - 100 VA-LED - Push (2wire)
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
ELKO   Schneider	SBD315RC (315 GLE )	[RC] 315W
ELKO   Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W
Eitako	EVD6INPN-UC	400W 3-wire Push Module
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC ] 300W
Feller   Schneider	40420 (SBD420)	[RLC ] 420W
GIRA	1176-00/01	[RLC ] 50 - 420W
GIRA	2390 00/ 100	[LED] 7 - 100W - Push (3wire)
Hager	EVN 011	[RC ] 300VA
Hager	EVN 012	[RC ] 300W
Hager	EVN 004	[RL ] 500VA
Jung	225 TDE	[RC ] 20 - 525 W - Turn
Jung	1271LEDDE	[LED] 3 - 100W - Push (3wire)
Klik aan Klik uit	AWMD-250	[LED] 3 - 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	774161	[RL] 40 - 400 W - Turn
Legrand	78401	[RLC] 40 - 500W
Legrand	67081	[RL] 40 - 400 W - Turn
Legrand	67082	[RL] 40 - 600 W - Turn
Legrand	67083	[RLC] 3 - 400W
Legrand	67084	[RLC] 8 - 300 VA - Push LED (3wire)
Legrand	67085 (078406)	[RLC] 8 - 300 VA - Push LED (3wire)
Legrand	L4402N	[R ] 60 - 500W
Merten   Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
Merten   Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten   Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA
MK - Electric	K1535	[R ] 65 - 450 W - Turn
MK - Electric	K1501 WHILV	[R ] 60 - 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 -100 VA
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 - 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W
Schneider	SBD315RC (ATD315)(CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	4-400VA - Turn Universal (2wire)
Schneider	SBD315RC (SBD 315)	[RC] 315W
VADSBO	ED 350	[RC] 50 -350W
VADSBO	DRS 315	[RC] 50 -315W
VADSBO	DU 250	[RC] 20 -250W
Varilight	HQ3W	[R ] 60-400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	14153	[R ]
Vimar	20160	[RC]
Vimar	20162	[RL] 40-300W
IKEA	E0902 - Dim	[R ] 25-150W
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDTM102 Module	(460 W per channel)

LED Spot								
LED 120W R7S 118mm WH 9290013536			LED 150W R7S 118mm WH 9290020166			LED 100W R7S 118mm WW D 1PF SRT4 9290012437		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1	94%-21%		1 - 3	99%-15%		1	91% - 11%	
1	97%-16%		1 - 3	100%-6%		1	95% - 16%	
	N.A.	N.A.						
1	98%-27%		1 - 3	100%-8%		1	93% - 20%	
1	96%-3%		1 - 4	100%-3%		1	92% - 15%	
1	95%-15%		1 - 4	100%-3%		1	92% - 11%	
1	97%-23%		1 - 3	99%-16%		1	93% - 9%	
1	92%-21%		1 - 4	99%-3%		1	90% - 0%	
1	96%-15%							
1	94%-21%		1 - 3	100%-18%		1	90% - 13%	
1	93%-4%		1 - 3	100%-5%		1	91% - 1%	
	N.A.	N.A.		N.A.	N.A.			
1 - 3	97%-7%							
1	94%-21%		1 - 3	100%-18%		1	90% - 13%	
1	93%-4%		1 - 3	100%-5%				
	N.A.	N.A.		N.A.	N.A.			
1 - 3	93%-25%							
1	92%-10%							
1 - 3	95%-16%							
1 - 3	97%-17%							
1 - 3	99%-18%							
1	94%-23%		1 - 4	96%-13%			N.A.	N.A.
1	93%-9%							
	N.A.	N.A.						
	N.A.	N.A.						
	N.A.	N.A.						
1 - 3	97%-11%							
	N.A.	N.A.						
1	92%-11%							
	N.A.	N.A.						
1	96%-3%		1 - 4	96%-3%		1	88% - 0%	
1	99%-3%							
1	87%-22%							
1	94%-21%		1 - 3	100%-18%		1	90% - 13%	
1	93%-4%		1 - 3	100%-5%		1	91% - 1%	
	N.A.	N.A.		N.A.	N.A.			
1	81%-15%		1 - 3	100%-3%		1	80% - 13%	
1	89%-12%		1 - 3	100%-4%		1	86% - 7%	
1 - 3	90%-12%							
1 - 3	90%-13%							
1	98%-3%							
1 - 2	85%-4%							
1	92%-21%					1	90% - 0%	
1	97%-27%		1 - 3	100%-3%		1	94% - 8%	
1	89%-10%		1 - 4	100%-3%		1	90% - 0%	
1	93%-4%		1 - 3	100%-5%		1	91% - 1%	
1	93%-4%		1 - 3	100%-5%		1	91% - 1%	
1	94%-21%		1 - 3	100%-18%				
1	93%-4%					1	91% - 1%	
1 - 3	99%-22%							
	N.A.	N.A.						
1 - 3	82%-5%							
1	95%-6%		1 - 3	99%-3%		1	95% - 12%	
1 - 3	85%-2%							
1	95%-12%							
1 - 3	96%-3%							
1 - 3	95%-6%							
1	94%-15%							
1	95%-12%							



# 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	[Type] Load
Berker   INSTA	286710	[RC] 20 – 360 W - Turn
Berker   INSTA	283010	[R ] 60 – 400 W - Turn
Bticino	L4407	60 – 250 W
Busch Jaeger   ABB	2200 U-503	[R] 60 – 400 W - Turn
Busch Jaeger   ABB	2247 U	[R L] 20 – 500 W - Turn
Busch Jaeger   ABB	2250 U	[R] 60 – 600 W - Turn
Busch Jaeger   ABB	6513 U-102	[RC] 40 – 420 W - Turn
Busch Jaeger   ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger   ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
ELKO   Schneider	SBD315RC (315 GLE )	[RC] 315W
ELKO   Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W
Eitako	EVD6INPN-UC	400W 3-wire Push Module
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC ] 300W
Feller   Schneider	40420 (SBD420)	[RLC ] 420W
GIRA	1176-00/01	[RLC ] 50 – 420W
GIRA	2390 00/ 100	[LED] 7 – 100W - Push (3wire)
Hager	EVN 011	[RC ] 300VA
Hager	EVN 012	[RC ] 300W
Hager	EVN 004	[RL ] 500VA
Jung	225 TDE	[RC ] 20 – 525 W - Turn
Jung	1271LEDDE	[LED] 3 – 100W - Push (3wire)
Klik aan Klik uit	AWMD-250	[LED] 3 – 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	774161	[RL] 40 – 400 W - Turn
Legrand	78401	[RLC] 40 – 500W
Legrand	67081	[RL] 40 – 400 W - Turn
Legrand	67082	[RL] 40 – 600 W - Turn
Legrand	67083	[RLC] 3 – 400W
Legrand	67084	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	67085 (078406)	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	L4402N	[R] 60 – 500W
Merten   Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Merten   Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten   Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W
Schneider	SBD315RC (ATD315)(CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	4-400VA - Turn Universal (2wire)
Schneider	SBD315RC (SBD 315)	[RC] 315W
VADSBO	ED 350	[RC] 50 – 350W
VADSBO	DRS 315	[RC] 50 – 315W
VADSBO	DU 250	[RC] 20 – 250W
Varilight	HQ3W	[R] 60-400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	14153	[R]
Vimar	20160	[RC]
Vimar	20162	[RL] 40-300W
IKEA	E0902 - Dim	[R] 25-150W
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDTM102 Module	(460 W per channel)

LED Bulb								
LED 40W A60 B22 WW CL WGD 9290011506 LED 40W A60 E27 WW CL WGD 9290011508			LED 60W A60 B22 WW CL WGD 9290011507 LED 60W A60 E27 WW CL WGD 9290011509			LED 40W A60 E27 927 WGD 9290023922		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-3	87%-3%		1-3	98%-4%		2-14	99%-0%	
1-3	90%-3%		1-3	95%-3%		2-14	99%-0%	
	N.A.	N.A.		N.A.	N.A.			
1-3	93%-3%		1-3	94%-5%		2-14	99%-0%	
1-3	90%-3%		1-3	95%-3%		2-14	99%-0%	
1-3	92%-3%		1-3	95%-3%		2-14	99%-0%	
1-3	94%-8%		1-3	96%-5%		2-14	99%-0%	
1-3	86%-3%		1-3	89%-3%		2-14	99%-0%	
1-3	91%-4%		1-3	88%-5%				
1-3	88%-3%		1-3	90%-4%		2-14	99%-0%	
1-3	93%-3%		1-3	92%-3%		2-13	99%-0%	
1-3	89%-3%		1-3	95%-3%				
1-3	88%-3%		1-3	90%-4%		2-14	99%-0%	
1-3	93%-3%		1-3	92%-3%				
1-3	89%-3%		1-3	95%-3%				
1-3	93%-5%		1-3	88%-5%				
1-3	86%-3%		1-3	91%-3%		2-14	97%-0%	
1-3	98%-3%		1-3	93%-3%				
1-3	98%-3%		1-3	93%-3%				
1-3	98%-3%		1-3	93%-3%				
1-3	93%-3%		1-3	96%-5%		2-14	99%-0%	
1-3	87%-7%		1-3	91%-7%		2-14	97%-0%	
1-3	82%-4%		1-3	83%-5%				
		N.A.		N.A.	N.A.		N/A	N/A
1-3	96%-3%		1-3	93%-3%				
	N.A.	N.A.		N.A.	N.A.			
	N.A.	N.A.		N.A.	N.A.			
	N.A.	N.A.	1-3	90%-3%				
1-3	95%-3%		1-3	95%-3%		8-14	99%-0%	N/A
1-3	88%-17%		1-3	95%-3%		2-14	97%-0%	
	N.A.	N.A.	2-3	83%-5%				
1-3	88%-3%		1-3	90%-4%		2-14	99%-0%	
1-3	93%-3%		1-3	92%-3%		2-13	99%-0%	
1-3	89%-3%		1-3	95%-3%		2-14	99%-0%	N/A
	N.A.	N.A.	1-3	80%-3%		2-14	98%-0%	
1-3	85%-3%		1-3	90%-3%		2-14	96%-0%	N/A
1-3	88%-3%		1-3	83%-3%				
1-3	88%-3%		1-3	85%-3%				
1-3	98%-4%		1-3	95%-5%				
1-3	88%-4%		1-3	83%-5%				
1-3	86%-3%		1-3	89%-3%		2-14	99%-0%	
						2-12	99%-0%	
						2-14	99%-0%	
1-3	93%-3%		1-3	92%-3%		2-13	99%-0%	
1-3	93%-3%		1-3	92%-3%		2-13	99%-0%	
1-3	88%-3%		1-3	90%-4%				
1-3	93%-3%		1-3	90%-4%		2-13	99%-0%	
1-3	91%-5%		1-3	85%-5%				
	N.A.	N.A.	1-3	93%-3%	<2			
1-3	88%-3%	<4	1-3	83%-3%	<4			
1-3	92%-3%		1-3	99%-3%		2-14	99%-0%	
	N.A.	N.A.		N.A.	N.A.	2-14	99%-0%	
1-3	98%-3%		1-3	98%-3%				
	N.A.	N.A.	1-3	93%-3%	<4			
	N.A.	N.A.		N.A.	N.A.	2-12	99%-0%	
1-3	91%-1%		1-3	93%-1%		2-5	74%-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	[Type] Load
Berker   INSTA	286710	[RC] 20 – 360 W - Turn
Berker   INSTA	283010	[R ] 60 – 400 W - Turn
Bticino	L4407	60 – 250 W
Busch Jaeger   ABB	2200 U-503	[R] 60 – 400 W - Turn
Busch Jaeger   ABB	2247 U	[R L] 20 – 500 W - Turn
Busch Jaeger   ABB	2250 U	[R] 60 – 600 W - Turn
Busch Jaeger   ABB	6513 U-102	[RC] 40 – 420 W - Turn
Busch Jaeger   ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger   ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
ELKO   Schneider	SBD315RC (315 GLE )	[RC] 315W
ELKO   Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W
Eitako	EVD6INPN-UC	400W 3-wire Push Module
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC ] 300W
Feller   Schneider	40420 (SBD420)	[RLC ] 420W
GIRA	1176-00/01	[RLC ] 50 – 420W
GIRA	2390 00/ 100	[LED] 7 – 100W - Push (3wire)
Hager	EVN 011	[RC ] 300VA
Hager	EVN 012	[RC ] 300W
Hager	EVN 004	[RL ] 500VA
Jung	225 TDE	[RC ] 20 – 525 W - Turn
Jung	1271LEDDE	[LED] 3 – 100W - Push (3wire)
Klik aan Klik uit	AWMD-250	[LED] 3 – 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	774161	[RL] 40 – 400 W - Turn
Legrand	78401	[RLC] 40 – 500W
Legrand	67081	[RL] 40 – 400 W - Turn
Legrand	67082	[RL] 40 – 600 W - Turn
Legrand	67083	[RLC] 3 – 400W
Legrand	67084	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	67085 (078406)	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	L4402N	[R] 60 – 500W
Merten   Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Merten   Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten   Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W
Schneider	SBD315RC (ATD315)(CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	4-400VA - Turn Universal (2wire)
Schneider	SBD315RC (SBD 315)	[RC] 315W
VADSBO	ED 350	[RC] 50 – 350W
VADSBO	DRS 315	[RC] 50 – 315W
VADSBO	DU 250	[RC] 20 – 250W
Varilight	HQ3W	[R] 60-400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	14153	[R]
Vimar	20160	[RC]
Vimar	20162	[RL] 40-300W
IKEA	E0902 - Dim	[R] 25-150W
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDTM102 Module	(460 W per channel)

LED Bulb								
LED 60W A60 E27 927 WGD 9290023923			LED 75W A60 E27 927 WGD 9290023924 LED 100W A60 E27 927 WGD 9290023925			LEDclassic 40W A60 E27 WGD90 9290020196 LED classic 25W A60 E27 GOLD 9290022238 LED classic 25W ST64 E27 GOLD 9290022239 LED classic 25W G93 E27 GOLD 9290022240 LED classic 25W T32 E27 GOLD 9290022241 LED classic 15W P45 E27 GOLD 9290022242 LED classic 15W B35 E14 GOLD 9290022243 LED classic 15W P45 E14 GOLD 9290022244		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-5	99%-0%		1-5	95%-0%		1-3	87%-3%	
3-5	98%-0%		1-5	96%-0%		1-3	90%-3%	
							N.A.	N.A.
3-5	97%-0%		1-5	97%-0%		1-3	93%-3%	
1-5	99%-0%		1-5	96%-0%		1-3	90%-3%	
1-5	98%-0%		1-5	95%-0%		1-3	92%-3%	
1-5	99%-0%		1-5	97%-0%		1-3	94%-8%	
1-5	98%-0%		1-5	97%-0%		1-3	86%-3%	
						1-3	91%-4%	
3-5	99%-0%		1-5	95%-0%		1-3	88%-3%	
1-5	99%-0%		1-5	96%-0%		1-3	93%-3%	
						1-3	89%-3%	
3-5	99%-0%		1-5	95%-0%		1-3	88%-3%	
						1-3	93%-3%	
						1-3	89%-3%	
						1-3	93%-5%	
1-5	91%-0%		1-5	95%-0%		1-3	86%-3%	
						1-3	98%-3%	
						1-3	98%-3%	
						1-3	98%-3%	
1-5	99%-0%		1-5	95%-0%		1-3	93%-3%	
1-5	91%-0%		1-5	95%-0%		1-3	87%-7%	
						1-3	82%-4%	
	N/A	N/A	1-5	97%-0%				N.A.
						1-3	96%-3%	
							N.A.	N.A.
							N.A.	N.A.
							N.A.	N.A.
3-5	97%-0%	N/A			N/A	1-3	95%-3%	
1-5	99%-0%		1-5	97%-0%		1-3	88%-17%	
							N.A.	N.A.
3-5	99%-0%		1-5	95%-0%		1-3	88%-3%	
1-5	99%-0%		1-5	96%-0%		1-3	93%-3%	
2-5	98%-0%	N/A	1-5	96%-0%		1-3	89%-3%	
5	99%-0%		1-5	97%-0%			N.A.	N.A.
	98%-0%		1-5	95%-0%		1-3	85%-3%	
						1-3	88%-3%	
						1-3	88%-3%	
						1-3	98%-4%	
						1-3	88%-4%	
1-5	98%-0%		1-5	97%-0%		1-3	86%-3%	
1-5	99%-0%		1-5	95%-0%				
1-5	99%-0%		1-5	98%-0%				
1-5	99%-0%		1-5	96%-0%		1-3	93%-3%	
1-5	99%-0%		1-5	96%-0%		1-3	93%-3%	
1-5	99%-0%		1-5	96%-0%		1-3	88%-3%	
1-5	99%-0%		1-5	96%-0%		1-3	93%-3%	
						1-3	91%-5%	
							N.A.	N.A.
						1-3	88%-3%	<4
3-5	98%-0%		1-5	96%-0%		1-3	92%-3%	
1-3	96%-0%		1-5	96%-0%			N.A.	N.A.
						1-3	98%-3%	
							N.A.	N.A.
1-5	99%-0%		1-5	96%-0%			N.A.	N.A.
1-5	97%-0%		1-3	97%-0%		1-3	91%-1%	

# 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	[Type] Load
Berker   INSTA	286710	[RC] 20 – 360 W - Turn
Berker   INSTA	283010	[R ] 60 – 400 W - Turn
Bticino	L4407	60 – 250 W
Busch Jaeger   ABB	2200 U-503	[R] 60 – 400 W - Turn
Busch Jaeger   ABB	2247 U	[R L] 20 – 500 W - Turn
Busch Jaeger   ABB	2250 U	[R] 60 – 600 W - Turn
Busch Jaeger   ABB	6513 U-102	[RC] 40 – 420 W - Turn
Busch Jaeger   ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger   ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
ELKO   Schneider	SBD315RC (315 GLE )	[RC] 315W
ELKO   Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W
Eitako	EVD6INPN-UC	400W 3-wire Push Module
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC ] 300W
Feller   Schneider	40420 (SBD420)	[RLC ] 420W
GIRA	1176-00/01	[RLC ] 50 – 420W
GIRA	2390 00/ 100	[LED] 7 – 100W - Push (3wire)
Hager	EVN 011	[RC ] 300VA
Hager	EVN 012	[RC ] 300W
Hager	EVN 004	[RL ] 500VA
Jung	225 TDE	[RC ] 20 – 525 W - Turn
Jung	1271LEDDE	[LED] 3 – 100W - Push (3wire)
Klik aan Klik uit	AWMD-250	[LED] 3 – 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	774161	[RL] 40 – 400 W - Turn
Legrand	78401	[RLC] 40 – 500W
Legrand	67081	[RL] 40 – 400 W - Turn
Legrand	67082	[RL] 40 – 600 W - Turn
Legrand	67083	[RLC] 3 – 400W
Legrand	67084	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	67085 (078406)	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	L4402N	[R] 60 – 500W
Merten   Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Merten   Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten   Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W
Schneider	SBD315RC (ATD315)(CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	4-400VA - Turn Universal (2wire)
Schneider	SBD315RC (SBD 315)	[RC] 315W
VADSBO	ED 350	[RC] 50 – 350W
VADSBO	DRS 315	[RC] 50 – 315W
VADSBO	DU 250	[RC] 20 – 250W
Varilight	HQ3W	[R] 60-400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	14153	[R]
Vimar	20160	[RC]
Vimar	20162	[RL] 40-300W
IKEA	E0902 - Dim	[R] 25-150W
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDTM102 Module	(460 W per channel)

LED Bulb								
LEDclassic 60W A60 E27 WGD90 9290020190 LED classic 60W ST64 E27 CL WGD90 9290020192 LED classic 60W G93 E27 CL WGD90 9290020194			LED classic 100W A67 E27 9290018829			LED classic 50W ST64 2000K 9290012289 LED classic 50W G120 2000K 9290012291 LED classic 48W A60 FL 9290013329 LED classic 50W ST64 2200K 9290018959 LED classic 50W G120 2000K 9290018961 LED classic 50W A60 FL 9290019216 LED classic 50W G93 2200K 9290019352 LED giant 25W G200 smoky dim 9290019031 LED giant 25W A160 smoky dim 9290019032 LED giant 25W T65 smoky dim 9290019033		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-3	98%-4%		1-3	92%-14%		1-3	98%-3%	
1-3	95%-3%		1-3	98%-14%		2-3	97%-3%	
	N.A.	N.A.						
1-3	94%-5%		1-3	97%-7%		1-3	98%-8%	
1-3	95%-3%		1-3	98%-3%		1-3	98%-3%	
1-3	95%-3%		1-3	98%-15%		1-3	97%-3%	
1-3	96%-5%		1-3	96%-13%		1-3	99%-3%	
1-3	89%-3%		1-3	94%-19%		1-3	97%-3%	
1-3	88%-5%					1-3	93%-3%	
1-3	90%-4%		1-3	90%-15%		2-3	99%-3%	
1-3	92%-3%		1-3	90%-3%		2-3	98%-3%	
1-3	95%-3%		1-3	93%-15%			N.A.	N.A.
						1-3	91%-3%	
1-3	90%-4%		1-3	90%-15%		2-3	99%-3%	
1-3	92%-3%		1-3	90%-3%		2-3	98%-3%	
1-3	95%-3%		1-3	93%-15%			N.A.	N.A.
1-3	88%-5%					1-3	99%-3%	
1-3	91%-3%		1-3	97%-5%				
1-3	93%-3%					1-3	92%-3%	
1-3	93%-3%					1-3	92%-3%	
1-3	93%-3%					1-3	92%-3%	
1-3	96%-5%		1-3	94%-16%		1-3	98%-3%	
1-3	91%-7%		1-3	97%-3%		1-3	97%-3%	
1-3	83%-5%					1-3	86%-4%	
						1-3	92%-3%	
	N.A.	N.A.		N.A.	N.A.	2-3	98%-3%	
1-3	93%-3%					1-3	91%-3%	
	N.A.	N.A.					N.A.	N.A.
	N.A.	N.A.				2-3	97%-3%	
1-3	90%-3%					1-3	90%-3%	
1-3	95%-3%		1-3	98%-4%		1-3	97%-3%	
1-3	95%-3%		1-3	94%-3%		1-3	97%-3%	
2-3	83%-5%					2-3	88%-3%	
1-3	90%-4%		1-3	90%-15%		2-3	99%-3%	
1-3	92%-3%		1-3	90%-3%		2-3	98%-3%	
1-3	95%-3%		1-3	93%-15%			N.A.	N.A.
1-3	80%-3%		1-3	84%-16%		2-3	93%-3%	
1-3	90%-3%		1-3	91%-8%		1-3	98%-3%	
1-3	83%-3%					1-3	98%-3%	
1-3	85%-3%					1-3	92%-3%	
1-3	95%-5%					1-3	91%-3%	
1-3	83%-5%					1-3	97%-3%	
1-3	89%-3%					1-3	97%-3%	
			1-3	99%-3%		1-3	98%-3%	
			1-3	83%-6%		1-3	92%-3%	
1-3	92%-3%		1-3	90%-3%		2-3	98%-3%	
1-3	92%-3%		1-3	90%-3%		2-3	98%-3%	
1-3	90%-4%		1-3	90%-15%		2-3	99%-3%	
1-3	90%-4%		1-3	90%-3%		2-3	98%-3%	
1-3	85%-5%					1-3	98%-3%	
1-3	93%-3%	<2					N.A.	N.A.
1-3	83%-3%	<4				1-3	84%-3%	
1-3	99%-3%		1-3	96%-3%		2-3	97%-3%	
						1-3	75%-3%	
	N.A.	N.A.	1-3	97%-8%		1-3	98%-3%	
1-3	98%-3%					1-3	89%-3%	
1-3	93%-3%	<4				1-3	91%-3%	
	N.A.	N.A.	1-3	92%-3%		1-3	98%-3%	
1-3	93%-1%		1-3	92%-8%		1-3	98%-3%	

# 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	[Type] Load
Berker   INSTA	286710	[RC] 20 – 360 W - Turn
Berker   INSTA	283010	[R ] 60 – 400 W - Turn
Bticino	L4407	60 – 250 W
Busch Jaeger   ABB	2200 U-503	[R] 60 – 400 W - Turn
Busch Jaeger   ABB	2247 U	[R L] 20 – 500 W - Turn
Busch Jaeger   ABB	2250 U	[R] 60 – 600 W - Turn
Busch Jaeger   ABB	6513 U-102	[RC] 40 – 420 W - Turn
Busch Jaeger   ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger   ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
ELKO   Schneider	SBD315RC (315 GLE )	[RC] 315W
ELKO   Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W
Eltako	EVD6INPN-UC	400W 3-wire Push Module
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC ] 300W
Feller   Schneider	40420 (SBD420)	[RLC ] 420W
GIRA	1176-00/01	[RLC ] 50 – 420W
GIRA	2390 00/ 100	[LED] 7 – 100W - Push (3wire)
Hager	EVN 011	[RC ] 300VA
Hager	EVN 012	[RC ] 300W
Hager	EVN 004	[RL ] 500VA
Jung	225 TDE	[RC ] 20 – 525 W - Turn
Jung	127ILEDDE	[LED] 3 – 100W - Push (3wire)
Klik aan Klik uit	AWMD-250	[LED] 3 – 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	774161	[RL] 40 – 400 W - Turn
Legrand	78401	[RLC] 40 – 500W
Legrand	67081	[RL] 40 – 400 W - Turn
Legrand	67082	[RL] 40 – 600 W - Turn
Legrand	67083	[RLC] 3 – 400W
Legrand	67084	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	67085 (078406)	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	L4402N	[R] 60 – 500W
Merten   Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Merten   Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten   Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W
Schneider	SBD315RC (ATD315)(CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	4-400VA - Turn Universal (2wire)
Schneider	SBD315RC (SBD 315)	[RC] 315W
VADSBO	ED 350	[RC] 50 – 350W
VADSBO	DRS 315	[RC] 50 – 315W
VADSBO	DU 250	[RC] 20 – 250W
Varilight	HQ3W	[R] 60-400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	14153	[R]
Vimar	20160	[RC]
Vimar	20162	[RL] 40-300W
IKEA	E0902 - Dim	[R] 25-150W
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDTM102 Module	(460 W per channel)

LED Bulb								
LED classic-giant 40W G200 gold 9290018734 LED classic-giant 40W A160 gold 9290018735 LED classic-giant 40W T65 gold 9290018736			Bulb Mushroom 230V 5-30W 350lm 2200K E27 D 9290019356			LEDClassic 40W Diamond E27 2700K CL D 9290019357		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-3	87%-15%		1-3	99%-3%		1-3	99%-3%	
1-2	93%-7%		2-3	99%-3%		2-3	99%-3%	
	N.A.	N.A.		N.A.	N.A.	2-3	82%-3%	
1-3	97%-13%		1-3	99%-7%		1-3	99%-8%	
1-3	92%-3%		1-3	99%-3%		2-3	99%-3%	
1-2	91%-12%		2-3	99%-3%		2-3	99%-3%	
1-3	92%-13%		1-3	99%-3%		1-3	99%-3%	
1-3	84%-16%		1-3	99%-3%		1-3	99%-3%	
1-3	98%-15%		1-3	99%-3%		1-3	99%-3%	
1-3	91%-16%			N.A.	N.A.	1-3	99%-3%	
1-3	91%-3%		2-3	99%-3%		2-3	99%-3%	
	3			N.A.	N.A.		N.A.	N.A.
1-3	94%-17%			N.A.	N.A.		N.A.	N.A.
1-3	99%-7%		1-3	989-3%		1-3	99%-3%	
1-3	91%-16%			N.A.	N.A.	1-3	99%-3%	
1-3	91%-3%		2-3	99%-3%		2-3	99%-3%	
	3			N.A.	N.A.		N.A.	N.A.
1-3	94%-17%			N.A.	N.A.		N.A.	N.A.
1-3	98%-28%		1-3	99%-3%		1-3	99%-3%	
1-3	83%-4%		1-3	99%-3%		1-3	99%-3%	
1-3	99%-19%		1-3	99%-3%		1-3	99%-3%	
1-3	99%-19%		1-3	99%-3%		1-3	97%-3%	
1-3	99%-20%		1-3	99%-3%		1-3	99%-3%	
1-3	89%-17%		1-3	99%-3%		1-3	99%-3%	
1-3	83%-4%		1-3	99%-3%		1-3	99%-3%	
1-3	87%-30%			N.A.	N.A.	1-3	99%-4%	
1-3	90%-11%		2-3	98%-3%		2-3	99%-3%	
	3			N.A.	N.A.	2-3	92%-3%	
1-3	97%-10%		1-3	98%-3%		1-3	97%-3%	
1-3	88%-6%		1-3	98%-3%		1-3	97%-3%	
2-3	92%-8%		1-3	98%-4%		2-3	99%-3%	
1-3	93%-3%		1-3	98%-3%		1-3	98%-3%	
2-3	85%-20%		2-3	98%-3%		2-3	97%-3%	
1-3	91%-16%			N.A.	N.A.	1-3	99%-3%	
1-3	91%-3%		2-3	99%-3%		2-3	99%-3%	
	3			N.A.	N.A.		N.A.	N.A.
1	68%-12%		2-3	92%-3%		2-3	92%-3%	
1-2	84%-8%		1 or 3	99%-3%		1-3	99%-3%	
1-3	87%-12%		1-3	98%-3%		1-3	99%-3%	
1-3	88%-12%		1-3	98%-3%		1-3	98%-3%	
1-3	96%-2%		1-3	98%-3%		1-3	98%-3%	
1-3	89%-4%		1-3	97%-3%		1-3	98%-3%	
1-3	84%-16%							
1-3	98%-4%		1-3	99%-3%		1-3	99%-3%	
1-3	91%-10%		1-3	99%-3%		1-3	99%-3%	
1-3	91%-3%		2-3	99%-3%		2-3	99%-3%	
1-3	91%-3%		2-3	99%-3%		2-3	99%-3%	
1-3	91%-16%			N.A.	N.A.	1-3	99%-3%	
1-3	91%-3%		2-3	99%-3%		2-3	99%-3%	
1-3	93%-25%		1-3	98%-3%		1-3	97%-3%	
	N.A.	N.A.	3	98%-3%			N.A.	N.A.
1-3	89%-4%		1-3	91%-3%		1-3	91%-3%	
1-3	89%-5%		2-3	98%-3%		2-3	92%-3%	
1-3	88%-9%		2-3	87%-3%		1-3	93%-3%	
1-3	94%-8%		1-3	99%-3%	< 2	2-3	99%-3%	< 2
1-3	99%-4%		3	98%-3%		1-3	98%-3%	
1-3	99%-5%		1-3	99%-3%		1-3	99%-3%	
1-3	93%-5%		1-3	99%-3%	< 2	1-3	99%-3%	
1-3	92%-5%		1-3	98%-3%		2-3	99%-3%	



# 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	[Type] Load
Berker   INSTA	286710	[RC] 20 – 360 W - Turn
Berker   INSTA	283010	[R ] 60 – 400 W - Turn
Bticino	L4407	60 – 250 W
Busch Jaeger   ABB	2200 U-503	[R] 60 – 400 W - Turn
Busch Jaeger   ABB	2247 U	[R L] 20 – 500 W - Turn
Busch Jaeger   ABB	2250 U	[R] 60 – 600 W - Turn
Busch Jaeger   ABB	6513 U-102	[RC] 40 – 420 W - Turn
Busch Jaeger   ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger   ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
ELKO   Schneider	SBD315RC (315 GLE )	[RC] 315W
ELKO   Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W
Eltako	EVD6INPN-UC	400W 3-wire Push Module
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC ] 300W
Feller   Schneider	40420 (SBD420)	[RLC ] 420W
GIRA	1176-00/01	[RLC ] 50 – 420W
GIRA	2390 00/ 100	[LED] 7 – 100W - Push (3wire)
Hager	EVN 011	[RC ] 300VA
Hager	EVN 012	[RC ] 300W
Hager	EVN 004	[RL ] 500VA
Jung	225 TDE	[RC ] 20 – 525 W - Turn
Jung	1271LEDDE	[LED] 3 – 100W - Push (3wire)
Klik aan Klik uit	AWMD-250	[LED] 3 – 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	774161	[RL] 40 – 400 W - Turn
Legrand	78401	[RLC] 40 – 500W
Legrand	67081	[RL] 40 – 400 W - Turn
Legrand	67082	[RL] 40 – 600 W - Turn
Legrand	67083	[RLC] 3 – 400W
Legrand	67084	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	67085 (078406)	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	L4402N	[R] 60 – 500W
Merten   Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Merten   Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten   Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
PEHA	431HAN	[RL] 6 – 120W [LED] 6 – 60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W
Schneider	SBD315RC (ATD315)(CCTO11533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	4-400VA - Turn Universal (2wire)
Schneider	SBD315RC (SBD 315)	[RC] 315W
VADSBO	ED 350	[RC] 50 – 350W
VADSBO	DRS 315	[RC] 50 – 315W
VADSBO	DU 250	[RC] 20 – 250W
Varilight	HQ3W	[R] 60-400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	14153	[R]
Vimar	20160	[RC]
Vimar	20162	[RL] 40-300W
IKEA	E0902 - Dim	[R] 25-150W
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDTM102 Module	(460 W per channel)

LED Bulb			Led Candle / LED Lustre					
LED Crystal_giant 35W E27 GOLD DIM 9290020944 LED double layers 25W E27 smoky DIM 9290020945 LED diamond_giant 35W E27 CL DIM 9290020946			LED 25W B38 B22 WW CL WGD 9290011402 LED 25W B38 E14 WW CL WGD 9290011398 LED 25W BA38 E14 WW CL WGD 9290011399			LED 40W B38 B15 WW CL WGD 9290011403 LED 40W B38 B22 WW CL WGD 9290011408 LED 40W B38 E14 WW CL WGD 9290011404 LED 40W BA38 E14 WW CL WGD 9290011405 LED 40W P48 B22 WW CL WGD 9290011573 LED 40W P48 E14 WW CL WGD 9290011406 LED 40W P48 E27 WW CL WGD 9290011407		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-3	91%-6%		2-18	96%-3%		2-12	93%-3%	
1-3	93%-4%		2-20	89%-3%		2-13	89%-3%	
				N.A.	N.A.		N.A.	N.A.
1-3	93%-13%		2-20	92%-3%		2-13	92%-3%	
1-3	92%-3%		2-25	91%-3%		2-17	91%-3%	
1-3	93%-3%		2-30	88%-3%		2-20	93%-3%	
1-3	93%-4%		2-21	94%-3%		2-14	91%-3%	
1-3	90%-8%		2-20	84%-3%		2-17	83%-3%	
			2-20	88%-7%	<4	2-17	88%-5%	<6
1-3	92%-6%		2-20	95%-3%		2-13	92%-3%	
1-3	90%-3%		2-15	88%-3%		2-11	87%-0%	
2-3	95%-5%		2-20	91%-3%		2-14	90%-3%	
			2-20	95%-7%	<7	2-14	95%-5%	<9
1-3	89%-3%		2-25	94%-3%		2-17	92%-3%	
				95%-4%	<7	2-10	96%-3%	<10
				95%-4%	<7	2-10	95%-3%	<10
				95%-7%	<7	2-17	96%-4%	<11
1-3	92%-7%		2-26	89%-3%		2-18	89%-3%	
1-3	88%-3%		2-25	93%-4%		2-17	92%-3%	
				78%-7%	<6	2-4	77%-4%	<5
	N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
			2-20	95%-4%	<7	2-13	93%-4%	<9
				N.A.	N.A.		N.A.	N.A.
				N.A.	N.A.		N.A.	N.A.
				N.A.	N.A.		N.A.	N.A.
1-3	94%-3%			N.A.	N.A.		N.A.	N.A.
1-3	97%-3%		2-15	94%-3%		2-10	91%-3%	
				79%-4%		8-17	79%-4%	
1-3	92%-6%		2-20	95%-3%		2-13	92%-3%	
1-3	90%-3%		2-15	88%-3%		2-11	87%-3%	
2-3	95%-5%		2-20	91%-3%		2-14	90%-3%	
2-3	81%-5%		2-23	79%-3%		2-15	77%-3%	
2-3	87%-3%		2-25	88%-3%		2-17	87%-3%	
				83%-3%		2-7	82%-3%	
				83%-3%			N.A.	N.A.
			2-5	96%-5%		2-3	96%-4%	
				82%-7%		2-4	82%-5%	
1-3	96%-16%		2-20	84%-3%		2-17	83%-3%	
1-3	90%-3%							
1-3	90%-3%		2-15	88%-3%		2-11	87%-3%	
1-3	90%-3%		2-15	88%-3%		2-11	87%-3%	
1-3	92%-6%		2-20	95%-3%		2-13	92%-3%	
1-3	90%-3%		2-15	88%-3%		2-11	87%-3%	
			2-18	88%-7%		2-12	84%-4%	
			4-16	89%-4%		5-11	91%-4%	<12
			2-13	86%-3%		2-8	79%-3%	<8
2-3	92%-3%		2-20	91%-3%		2-13	90%-3%	
1 or 3	92%-3%		6-25	90%-3%	<6	4-17	92%-3%	<4
			2-20	99%-3%		2-17	96%-3%	<7
				89%-3%		2-10	89%-3%	<11
1-3	90%-4%		6-15	92%-3%	<6	4-10	86%-3%	<4
1-3	92%-3%							



# 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	[Type] Load
Berker   INSTA	286710	[RC] 20 – 360 W - Turn
Berker   INSTA	283010	[R] 60 – 400 W - Turn
Bticino	L4407	60 – 250 W
Busch Jaeger   ABB	2200 U-503	[R] 60 – 400 W - Turn
Busch Jaeger   ABB	2247 U	[R L] 20 – 500 W - Turn
Busch Jaeger   ABB	2250 U	[R] 60 – 600 W - Turn
Busch Jaeger   ABB	6513 U-102	[RC] 40 – 420 W - Turn
Busch Jaeger   ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger   ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
ELKO   Schneider	SBD315RC (315 GLE )	[RC] 315W
ELKO   Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W
Eltako	EVD6INPN-UC	400W 3-wire Push Module
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC] 300W
Feller   Schneider	40420 (SBD420)	[RLC] 420W
GIRA	1176-00/01	[RLC] 50 – 420W
GIRA	2390 00/ 100	[LED] 7 – 100W - Push (3wire)
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	225 TDE	[RC] 20 – 525 W - Turn
Jung	127ILEDDE	[LED] 3 – 100W - Push (3wire)
Klik aan Klik uit	AWMD-250	[LED] 3 – 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	774161	[RL] 40 – 400 W - Turn
Legrand	78401	[RLC] 40 – 500W
Legrand	67081	[RL] 40 – 400 W - Turn
Legrand	67082	[RL] 40 – 600 W - Turn
Legrand	67083	[RLC] 3 – 400W
Legrand	67084	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	67085 (078406)	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	L4402N	[R] 60 – 500W
Merten   Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Merten   Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten   Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W
Schneider	SBD315RC (ATD315)(CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	4-400VA - Turn Universal (2wire)
Schneider	SBD315RC (SBD 315)	[RC] 315W
VADSBO	ED 350	[RC] 50 – 350W
VADSBO	DRS 315	[RC] 50 – 315W
VADSBO	DU 250	[RC] 20 – 250W
Varilight	HQ3W	[R] 60-400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	14153	[R]
Vimar	20160	[RC]
Vimar	20162	[RL] 40-300W
IKEA	E0902 - Dim	[R] 25-150W
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDTM102 Module	(460 W per channel)

Led Candle / LED Lustré								
LED 60W B40 E14 WW CL WGD SRT4 9290012117 LED 60W P50 E14 WW CL WGD SRT4 9290012119			LEDFlame 15W B38 E14 9290012671 LEDFlame 15W P48 E14 9290012672 LEDFlame 15W P48 E27 9290012673			LED classic 25W B35 E14 WGD90 9290020179 LEDclassic 25W P45 E27 WGD90 9290020184 LEDclassic 25W P45 E14 WGD90 9290020185		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
2-12	90%-3%		2 - 20	89%-16%		2 - 8	99%-3%	
			2 - 20	93%-12%		2 - 8	99%-3%	
	N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
			2 - 20	94%-14%		2 - 8	99%-12%	
			2 - 20	93%-3%		2 - 8	99%-3%	
2-15	92%-3%		2 - 20	94%-3%		3 - 8	99%-3%	
2-14	91%-3%		2 - 20	91%-15%		2 - 8	99%-3%	
2-15	88%-3%		2 - 20	88%-3%		2 - 6	99%-3%	
2-17	99%-3%		2 - 20	96%-14%		2 - 20	97%-3%	
2-13	90%-3%		2 - 20	89%-21%		2 - 8	99%-3%	
2-11	90%-3%		2 - 16	88%-3%		3 - 8	99%-3%	
			2 - 20	94%-5%		3 - 8	99%-3%	
2-13	99%-3%		2 - 20	99%-5%		2 - 16	96%-3%	
2-13	90%-3%		2 - 20	89%-21%		2 - 8	99%-3%	
2-11	90%-3%		2 - 16	88%-3%		3 - 8	99%-3%	
			2 - 20	94%-5%		3 - 8	99%-3%	
2-14	99%-4%		2 - 20	98%-29%		2 - 17	97%-3%	
			2 - 20	89%-7%		2 - 8	99%-19%	
2-10	99%-3%		2 - 15	89%-7%		2 - 12	96%-3%	
2-10	99%-3%		2 - 15	97%-19%		2 - 12	96%-3%	
2-10	99%-3%		2 - 20	98%-20%		2 - 20	96%-3%	
2-10	89%-3%		2 - 20	91%-19%		2 - 8	99%-3%	
2-15	90%-3%		2 - 20	90%-5%		2 - 8	99%-3%	
2-4	88%-3%		2 - 6	84%-29%		2 - 5	93%-4%	
2-10	94%-3%			N.A.	N.A.	2 - 12	96%-3%	
				N.A.	N.A.	3 - 8	99%-3%	
2-13	99%-3%		2 - 20	96%-14%		2 - 16	95%-3%	
	N.A.	N.A.		N.A.	N.A.	3 - 8	99%-3%	
				N.A.	N.A.	3 - 8	99%-3%	
2-5	87%-3%			N.A.	N.A.	2 - 16	95%-3%	
			2 - 20	94%-9%		2 - 8	99%-3%	
2-10	95%-3%		2 - 20	94%-9%		2 - 8	99%-3%	
3-17	90%-3%		5 - 20	84%-21%		3 - 20	95%-3%	
2-13	90%-3%		2 - 20	89%-21%		2 - 8	99%-3%	
2-11	90%-3%		2 - 16	88%-3%		3 - 8	99%-3%	
			2 - 20	94%-5%		3 - 8	99%-3%	
2-15	80%-3%		2 - 20	80%-11%		3 - 8	99%-3%	
2-15	80%-3%		3 - 20	85%-11%		3 - 8	99%-3%	
2-7	90%-3%		2 - 10	86%-10%		3 - 9	96%-3%	
2-13	84%-3%		2 - 20	87%-10%		8 - 16	96%-3%	
2-3	99%-3%		2 - 5	99%-3%		2 - 4	94%-3%	
2-4	89%-3%		2 - 6	86%-3%		2 - 5	96%-3%	
2-15	88%-3%		2 - 20	88%-3%		2 - 6	99%-3%	
2-3	99%-4%					2 - 4	96%-3%	
2-3	96%-3%						N.A.	N.A.
2-11	90%-3%		2 - 16	88%-3%		3 - 8	99%-3%	
2-11	90%-3%		2 - 16	88%-3%		3 - 8	99%-3%	
2-13	90%-3%		2 - 20	89%-21%		2 - 8	99%-3%	
2-11	90%-3%		2 - 16	88%-3%		3 - 8	99%-3%	
2-12	90%-3%		2 - 20	89%-25%		2 - 14	95%-3%	
3-11	80%-3%		10 - 16	93%-15%		3 - 13	95%-3%	
2-8	85%-3%		2 - 13	84%-3%		2 - 10	85%-3%	
2-13	90%-3%		2 - 20	92%-3%		3 - 8	99%-3%	
2-13	88%-3%		2 - 20	84%-9%		3 - 16	90%-3%	
			2 - 20	91%-8%		2 - 8	99%-3%	<2
2-17	93%-3%		2 - 20	99%-3%		5 - 20	96%-3%	
2-17	96%-3%		3 - 20	93%-3%		2 - 20	96%-3%	
			2 - 20	89%-11%		2 - 8	99%-3%	<2
			2 - 8	92%-12%		2 - 8	99%-3%	

# 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	[Type] Load
Berker   INSTA	286710	[RC] 20 – 360 W - Turn
Berker   INSTA	283010	[R ] 60 – 400 W - Turn
Bticino	L4407	60 – 250 W
Busch Jaeger   ABB	2200 U-503	[R] 60 – 400 W - Turn
Busch Jaeger   ABB	2247 U	[R L] 20 – 500 W - Turn
Busch Jaeger   ABB	2250 U	[R] 60 – 600 W - Turn
Busch Jaeger   ABB	6513 U-102	[RC] 40 – 420 W - Turn
Busch Jaeger   ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger   ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
ELKO   Schneider	SBD315RC (315 GLE )	[RC] 315W
ELKO   Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W
Eltako	EVD6INPN-UC	400W 3-wire Push Module
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC ] 300W
Feller   Schneider	40420 (SBD420)	[RLC ] 420W
GIRA	1176-00/01	[RLC ] 50 – 420W
GIRA	2390 00/ 100	[LED] 7 – 100W - Push (3wire)
Hager	EVN 011	[RC ] 300VA
Hager	EVN 012	[RC ] 300W
Hager	EVN 004	[RL ] 500VA
Jung	225 TDE	[RC ] 20 – 525 W - Turn
Jung	1271LEDDE	[LED] 3 – 100W - Push (3wire)
Klik aan Klik uit	AWMD-250	[LED] 3 – 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	774161	[RL] 40 – 400 W - Turn
Legrand	78401	[RLC] 40 – 500W
Legrand	67081	[RL] 40 – 400 W - Turn
Legrand	67082	[RL] 40 – 600 W - Turn
Legrand	67083	[RLC] 3 – 400W
Legrand	67084	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	67085 (078406)	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	L4402N	[R] 60 – 500W
Merten   Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Merten   Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten   Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W
Schneider	SBD315RC (ATD315)(CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	4-400VA - Turn Universal (2wire)
Schneider	SBD315RC (SBD 315)	[RC] 315W
VADSBO	ED 350	[RC] 50 – 350W
VADSBO	DRS 315	[RC] 50 – 315W
VADSBO	DU 250	[RC] 20 – 250W
Varilight	HQ3W	[R] 60-400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	14153	[R]
Vimar	20160	[RC]
Vimar	20162	[RL] 40-300W
IKEA	E0902 - Dim	[R] 25-150W
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDTM102 Module	(460 W per channel)

LED Candle			LED Spot					
LED classic 40W B35 E14 WGD90 9290020180 LED classic 40W BA35 E14 WGD90 9290020183 LED classic 40W P45 E27 WGD90 9290020186 LED classic 40W P45 E14 WGD90 9290020188			LEDclassic 80W GU10 CRI90 WGD 9290020659			LEDClassic 80W GU10 CRI90 WH RF 9290020684		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
2 - 10	94%- 3%		1- 5	92%- 5%		2- 5	89%- 20%	
2 - 10	97%- 3%		1- 5	45%- 3%		2- 5	93%- 20%	
2 - 10	97%- 11%		1- 5	42%- 3%		2- 5	91%- 17%	
2 - 10	97%- 3%		1- 5	95%- 3%		2- 5	93%- 7%	
2 - 10	95%- 3%		1- 5	95%- 3%		2- 5	95%- 4%	
3 - 10	97%- 3%		1- 5	96%- 6%		2- 5	92%- 18%	
2 - 10	97%- 3%		1- 5	82%- 5%		2- 5	88%- 3%	
5 - 10	96%- 3%		1- 5	91%- 6%		2- 5	90%- 24%	
5 - 10	97%- 3%		1- 5	93%- 3%		2- 5	89%- 4%	
	N.A.	N.A.	1- 5	96%- 6%		2- 5	95%- 12%	
5 - 10	96%- 3%		1- 5	91%- 6%		2- 5	90%- 24%	
5 - 10	97%- 3%		1- 5	93%- 3%		2- 5	89%- 4%	
	N.A.	N.A.	1- 5	96%- 6%		2- 5	95%- 12%	
2 - 10	97%- 3%					2- 5	88%- 36%	
2 - 10	94%- 3%		1- 5	94%- 6%		2- 5	89%- 19%	
2 - 10	95%- 3%					2- 5	88%- 11%	
	N.A.	N.A.				2- 5	94%- 17%	
						2- 5	93%- 15%	
						2- 5	95%- 17%	
2 - 10	97%- 3%		1- 5	95%- 3%		2- 5	93%- 13%	
2 - 10	94%- 3%					2- 5	97%- 3%	
5 - 10	96%- 3%		1- 5	91%- 6%		2- 5	90%- 24%	
5 - 10	97%- 3%		1- 5	93%- 3%		2- 5	89%- 4%	
	N.A.	N.A.	1- 5	96%- 6%		2- 5	95%- 12%	
2 - 10	97%- 3%		1- 5	31%- 3%		2- 5	81%- 17%	
2 - 10	97%- 3%		1- 5	86%- 3%		2- 5	86%- 15%	
2 - 10	97%- 3%		1- 5	82%- 5%		2- 5	88%- 3%	
2 - 10	97%- 3%		1- 5	99%- 3%				
2 - 10	97%- 3%		1- 5	96%- 3%				
5 - 10	97%- 3%		1- 5	93%- 3%		2- 5	89%- 4%	
5 - 10	97%- 3%		1- 5	93%- 3%		2- 5	89%- 4%	
5 - 10	96%- 3%		1- 5	91%- 6%		2- 5	90%- 24%	
5 - 10	97%- 3%		1- 5	93%- 3%		2- 5	89%- 4%	
2 - 10	96%- 3%		1- 5	50%- 3%		2- 5	91%- 10%	
2 - 10	97%- 3%					2- 5	93%- 14%	<6
2 - 10	97%- 3%					2- 5	90%- 13%	<6
2 - 6	97%- 3%					2- 5	94%- 3%	

# 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	[Type] Load
Berker   INSTA	286710	[RC] 20 – 360 W - Turn
Berker   INSTA	283010	[R ] 60 – 400 W - Turn
Bticino	L4407	60 – 250 W
Busch Jaeger   ABB	2200 U-503	[R] 60 – 400 W - Turn
Busch Jaeger   ABB	2247 U	[R L] 20 – 500 W - Turn
Busch Jaeger   ABB	2250 U	[R] 60 – 600 W - Turn
Busch Jaeger   ABB	6513 U-102	[RC] 40 – 420 W - Turn
Busch Jaeger   ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger   ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
ELKO   Schneider	SBD315RC (315 GLE )	[RC] 315W
ELKO   Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W
Eltako	EVD6INPN-UC	400W 3-wire Push Module
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC ] 300W
Feller   Schneider	40420 (SBD420)	[RLC ] 420W
GIRA	1176-00/01	[RLC ] 50 – 420W
GIRA	2390 00/ 100	[LED] 7 – 100W - Push (3wire)
Hager	EVN 011	[RC ] 300VA
Hager	EVN 012	[RC ] 300W
Hager	EVN 004	[RL ] 500VA
Jung	225 TDE	[RC ] 20 – 525 W - Turn
Jung	127ILEDDE	[LED] 3 – 100W - Push (3wire)
Klik aan Klik uit	AWMD-250	[LED] 3 – 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	774161	[RL] 40 – 400 W - Turn
Legrand	78401	[RLC] 40 – 500W
Legrand	67081	[RL] 40 – 400 W - Turn
Legrand	67082	[RL] 40 – 600 W - Turn
Legrand	67083	[RLC] 3 – 400W
Legrand	67084	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	67085 (078406)	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	L4402N	[R] 60 – 500W
Merten   Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Merten   Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten   Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W
Schneider	SBD315RC (ATD315)(CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	4-400VA - Turn Universal (2wire)
Schneider	SBD315RC (SBD 315)	[RC] 315W
VADSBO	ED 350	[RC] 50 –350W
VADSBO	DRS 315	[RC] 50 –315W
VADSBO	DU 250	[RC] 20 –250W
Varilight	HQ3W	[R] 60-400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	14153	[R]
Vimar	20160	[RC]
Vimar	20162	[RL] 40-300W
IKEA	E0902 - Dim	[R] 25-150W
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDTM102 Module	(460 W per channel)

LED Spot								
LED Classic50W PAR20 E27 WW 25D D 15RT4 9290023380			LED Classic 75W PAR30S WW 25D D 1PF/4 9290023386			LED Classic 100W PAR38 WW 25D D 1PF/4 9290023390		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1 - 10	91%- 12%		1 - 8	93%- 12%		1 - 5	94%- 13%	
1 - 5	93%- 6%		1 - 8	96%- 11%		1 - 5	96%- 12%	
	N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
1 - 10	93%- 6%		1 - 8	95%- 11%		1 - 8	97%- 57%	
1 - 14	92%- 3%		1 - 11	94%- 3%		1 - 8	95%- 3%	
1 - 8	95%- 3%		1 - 13	96%- 3%		1 - 9	96%- 3%	
1 - 15	92%- 12%		1 - 9	93%- 12%		1	93%- 12%	
1 - 14	93%- 3%		1 - 11	95%- 3%		1 - 15	96%- 3%	
1 - 17	94%- 10%		1 - 11	95%- 12%		1 - 8	93%- 11%	
1 - 10	92%- 14%		1 - 8	92%- 18%		1 - 5	93%- 15%	
1 - 9	92%- 4%		1 - 7	94%- 4%		1 - 5	94%- 4%	
1 - 12	94%- 7%		1 - 9	96%- 7%			N.A.	N.A.
1 - 13	98%- 7%		1 - 8	95%- 7%		1 - 6	96%- 8%	
1 - 10	92%- 14%		1 - 8	92%- 18%		1 - 5	93%- 15%	
1 - 9	92%- 4%		1 - 7	94%- 4%		1 - 5	94%- 4%	
1 - 12	94%- 7%		1 - 9	96%- 7%			N.A.	N.A.
1 - 14	96%- 17%		1 - 9	88%- 7%			N.A.	N.A.
1 - 10	93%- 3%		1 - 9	97%- 3%		1 - 5	94%- 4%	
1 - 10	98%- 8%		1 - 6	96%- 6%		5	97%- 9%	
1 - 10	98%- 13%		1 - 6	96%- 14%		5	97%- 14%	
1 - 17	98%- 14%		1 - 11	97%- 14%		8	97%- 14%	
1 - 15	98%- 13%		1 - 11	93%- 13%		1 - 8	92%- 14%	
1 - 10	92%- 3%		1 - 10	94%- 3%		1 - 8	95%- 3%	
1 - 4	93%- 19%		1 - 3	89%- 20%		1 - 2	92%- 21%	
1 - 10	58%- 3%		1 - 6	84%- 3%		1 - 5	81%- 3%	
2 - 11	93%- 6%		1 - 8	96%- 6%		1 - 6	97%- 7%	
1 - 13	94%- 7%		5 - 8	93%- 8%			N.A.	N.A.
2 - 9	94%- 5%		1 - 6	96%- 3%		1 - 5	98%- 7%	
2 - 15	94%- 5%		1 - 13	96%- 3%			N.A.	N.A.
1 - 3	94%- 3%		1 - 2	89%- 3%		1 - 6	92%- 3%	
1 - 11	93%- 8%		1 - 8	94%- 3%			N.A.	N.A.
1 - 9	97%- 3%		1 - 6	98%- 3%			N.A.	N.A.
	N.A.	N.A.		N.A.	N.A.	2 - 3	91%- 15%	
1 - 10	92%- 14%		1 - 8	92%- 18%		1 - 5	93%- 15%	
1 - 9	92%- 4%		1 - 7	94%- 4%		1 - 5	94%- 4%	
1 - 12	94%- 7%		1 - 9	96%- 7%			N.A.	N.A.
1 - 13	77%- 7%		1 - 5	84%- 5%		1 - 7	88%- 10%	
1 - 15	96%- 30%		1 - 7	84%- 5%		1 - 8	93%- 6%	
1 - 7	92%- 5%		1 - 9	93%- 8%		1 - 3	92%- 8%	
1 - 11	99%- 29%		1 - 11	93%- 6%		1 - 6	91%- 6%	
1 - 3	96%- 4%		1 - 2	86%- 4%		1 - 2	94%- 5%	
1 - 4	95%- 3%		1 - 3	86%- 3%		1 - 2	91%- 3%	
1 - 14	93%- 3%		1 - 11	95%- 3%		1 - 15	96%- 3%	
1 - 3	99%- 15%		1 - 2	89%- 13%		1 - 2	99%- 17%	
1 - 3	92%- 8%		1 - 2	83%- 8%		1 - 3	93%- 9%	
1 - 9	92%- 4%		1 - 7	94%- 4%		1 - 5	94%- 4%	
1 - 9	92%- 4%		1 - 7	94%- 4%		1 - 5	94%- 4%	
1 - 10	92%- 14%		1 - 8	92%- 18%		1 - 5	93%- 15%	
1 - 9	92%- 4%		1 - 7	94%- 4%		1 - 5	94%- 4%	
1 - 12	93%- 14%		1 - 7	82%- 13%		1 - 5	90%- 1%	
1 - 11	95%- 10%		1 - 7	90%- 10%		1 - 5	94%- 11%	
1 - 14	96%- 17%		1 - 5	88%- 15			N.A.	N.A.
1 - 8	91%- 5%		1 - 8	95%- 4%		1 - 6	94%- 5%	
1 - 13	94%- 5%		1 - 8	89%- 5%		1 - 6	93%- 5%	
1 - 14	92%- 4%		1 - 11	97%- 3%		1 - 8	95%- 5%	
1 - 15	99%- 3%		1 - 11	89%- 3%		1 - 8	96%- 3%	
1 - 10	95%- 3%		1 - 6	90%- 3%		1 - 8	92%- 3%	
1 - 9	91%- 7%		1 - 6	96%- 8%		1 - 5	35%- 7%	
2 - 5	94%- 9%		1 - 3	92%- 3%		1 - 2	98%- 14%	

# 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	[Type] Load
Berker   INSTA	286710	[RC] 20 – 360 W - Turn
Berker   INSTA	283010	[R ] 60 – 400 W - Turn
Bticino	L4407	60 – 250 W
Busch Jaeger   ABB	2200 U-503	[R] 60 – 400 W - Turn
Busch Jaeger   ABB	2247 U	[R L] 20 – 500 W - Turn
Busch Jaeger   ABB	2250 U	[R] 60 – 600 W - Turn
Busch Jaeger   ABB	6513 U-102	[RC] 40 – 420 W - Turn
Busch Jaeger   ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger   ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
ELKO   Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
ELKO   Schneider	SBD315RC (315 GLE )	[RC] 315W
ELKO   Schneider	SBD420RCRL (CCTEL13011)	[RLC] 420W
Eltako	EVD61NPN-UC	400W 3-wire Push Module
Feller   Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Feller   Schneider	40300 (SBD315)	[RLC ] 300W
Feller   Schneider	40420 (SBD420)	[RLC ] 420W
GIRA	1176-00/01	[RLC ] 50 – 420W
GIRA	2390 00/ 100	[LED] 7 – 100W - Push (3wire)
Hager	EVN 011	[RC ] 300VA
Hager	EVN 012	[RC ] 300W
Hager	EVN 004	[RL ] 500VA
Jung	225 TDE	[RC ] 20 – 525 W - Turn
Jung	1271LEDDE	[LED] 3 – 100W - Push (3wire)
Klik aan Klik uit	AWMD-250	[LED] 3- 24W
Klik aan Klik uit	ACM 300	300W - 3-wire Push LED Dimmer
Legrand	774161	[RL] 40 – 400 W - Turn
Legrand	78401	[RLC] 40 – 500W
Legrand	67081	[RL] 40 – 400 W - Turn
Legrand	67082	[RL] 40 – 600 W - Turn
Legrand	67083	[RLC] 3 – 400W
Legrand	67084	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	67085 (078406)	[RLC] 8 – 300 VA - Push LED (3wire)
Legrand	L4402N	[R] 60 – 500W
Merten   Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Merten   Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten   Schneider	SBD420RCRL (MEG5138-0000)	[RLC] 20-420 VA
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315)	[RC] 315W
Schneider	SBD315RC (ATD315)(CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	4-400VA - Turn Universal (2wire)
Schneider	SBD315RC (SBD 315)	[RC] 315W
VADSBO	ED 350	[RC] 50 –350W
VADSBO	DRS 315	[RC] 50 –315W
VADSBO	DU 250	[RC] 20 –250W
Varilight	HQ3W	[R] 60-400W
Varilight	ICT401 M	[RC] 20-400W
Vimar	20148	[RL] 500W
Vimar	14153	[R]
Vimar	20160	[RC]
Vimar	20162	[RL] 40-300W
IKEA	E0902 - Dim	[R] 25-150W
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDTM102 Module	(460 W per channel)

LED Capsule					
LED 25W G9 WW 230V Dim 9290023899			LED G9 40W Dim 9290023900		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-20	99% - 0%			99% - 0%	
1-20	99% - 0%		4-20	98% - 0%	
2-20	100% - 0%			94% - 0%	
2-20	100% - 0%			98% - 0%	
1-20	100% - 0%			100% - 0%	
1-20	99% - 0%			99% - 0%	
1-20	94% - 0%			98% - 0%	
1-16	99% - 0%			99% - 0%	
1-16	99% - 0%			99% - 0%	
1-20	99% - 0%			100% - 0%	
1-20	100% - 0%			93% - 0%	
1-16	99% - 0%			99% - 0%	
1-20	99% - 0%		4-20	98% - 0%	
1-20	100% - 0%			100% - 0%	
1-20	94% - 0%			98% - 0%	
1-20	100% - 0%			97% - 0%	
1-20	100% - 0%			100% - 0%	
2-20	100% - 0%			98% - 0%	

### Notes:

- Dimmers are tested with the number of LED light sources mentioned in the column "Dimming performance". A number of LED light sources outside the listed range may result in less optimal behavior. Although not specifically tested, some dimmers can be loaded with more light sources than specified in this document.
- Most (non-LED dedicated) dimmers can be loaded with LED light sources up to 20% of dimmer specified maximum power. Example: Dimmer 400W -> 20% = 80W, which means that e.g. up to 16 pcs 5W LED light sources can be connected.
- LED dimmers can be loaded up to the specified maximum dimmer power (Wattage).
- Always study the packaging of LED light sources if these can be used in combination with occupancy/motion sensors.
- Glowing means: when connected to a dimmer in its off-state, a LED light source may still emit a small, yet visible amount of light. This may e.g. occur if a low quantity of LED light sources is connected.
- "Dimming range" color indications and criteria (all percentages relate to the LED light source full power):
  - Green cell: minimum dimming level is below 10% and maximum level at least 80%.
  - Yellow cell: minimum dimming level is between 10% and 20% (inclusive) AND maximum level is above or equal to 80%.
  - Red cell: not compatible.
  - Grey cell: the dimmer - LED light source combination is not applicable.
  - White cell: no data available.
- Various dimmer suppliers offer "active loads" to optimize dimming performance in case of light source-dimmer system issues. (e.g. Busch Jaeger Compensator 6596).
- This list is based on measurements performed in a lab environment at nominal mains voltage, different mains voltages may result in a different dimming range.
- Dimmer manufacturers may change the technical design of their dimmer without informing Philips / Signify. Such changes may affect the performance when used in combination with LED light sources.
- In general Philips dimmable LED light sources can be dimmed with any type of dimmer (type R, RL, RC or RLC).
- Mixed loads may give unexpected dimming behavior or even result in defects, for which Philips / Signify cannot be held responsible.
- LED light source are dimmable across the indicated dimming range, but may exhibit minor flickering at distinct dim settings.
- The information contained here is believed to be accurate at the time it was published, but is provided "AS IS".



© 2021 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Specifically mentioned products, materials and or tools from third parties are only indicative and reference to these products, materials and or tools does not necessarily mean they are endorsed by Signify.

2021  
Data subject to change.