

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 – 360W - Turn
Berker INSTA	2973	[LED, R, L, C] 3 – 60W - Turn
Bticino Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 – 75W - Tast
Busch Jaeger ABB	2250 U	[R] 60 – 600W - Turn
Busch Jaeger ABB	6513 U – 102	[RC] 40 – 420W - Turn
Busch Jaeger ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 – 100W - Turn- Leading
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 – 100W - Turn- Trailing
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 – 400W - Turn- Leading
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 – 400W - Turn- Trailing
ELKO EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W
SE LK Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 – 120W - Slider
SE LK Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 – 120W - Slider
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
Eitako	DL-PD-300W-RLC (33000009) Universal	10-300W, LED, Trailing
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
Feller Schneider	40300 (SBD315)	[RLC] 300W
Feller Schneider	40200 LED.EB (CCT99100)	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
Gira	1176-00/01	[RLC] 50 – 420W
Gira INSTA	5401 00	[LED, R, L, C] 3 – 100W/200W- Tast
Gira INSTA	2450 00	[LED, R, L, C] 3 – 60W - Turn
Hamilton	LEDIT-B100	5-100W,LED, Trailing
Hamilton	LEDIT-B100	5-100W,LED, Leading
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	1271LEDDE	[LED] 3 – 100W - Push (3wire)
Jung INSTA	1711DE	[LED, R, L, C] 3 – 100W/200W- Tast
Jung INSTA	1730DD	[LED, R, L, C] 3 – 60W - Turn
Klik aan Klik uit	AWMD-250	[LED] 3– 24W
Legrand	67083	[RLC] 3 – 400W
Legrand	L4402N	[R] 60–500W
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
Niko	310-02901	[LED, R, L, C] 3 – 200W - Tast
Niko	310-03901	[LED, R, L, C] 3 – 200W - Turn
Osram	HALOTRONIC HTI DALI 315 DIM	3W-200W, LED,Trailing
PEHA	431HAN	[RL] 6–120W [LED] 6–60W
Philips	UIDB670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	[] 4–400VA - Turn Universal (2wire)
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing
VADSBO	VD300	[LED] 0 – 300VA - Turn
VADSBO	LDN200	0-200W,LED
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing
Varilight	HQ3W	[R] 60-400W
Varilight	MJP120	0-120W,LED
Varilight	JQP401W	0-120W,LED
Vimar	20148	[RL] 500W
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing
Zano	ZMO150	0W-150W, LED,Rot

LED Bulb								
LED classic 40W A60 E27 CL WGD90 SRT4 9290030099			LED classic 60W A60 E27 CL WGD90 SRT4 9290030103			LED classic 75W A60 E27 FR WGD90 SRT4 9290030113		
LED classic 40W A60 E27 FR WGD90 SRT4 9290030100			LED classic 60W A60 E27 FR WGD90 SRT4 9290030104			LED classic 75W A60 B22 CL WGD90 SRT4 9290030105		
LED classic 40W A60 B22 CL WGD90 SRT4 9290030101			LED classic 60W A60 B22 CL WGD90 SRT4 9290030106			LED classic 75W A60 B22 FR WGD90 SRT4 9290030114		
LED classic 40W A60 B22 FR WGD90 SRT4 9290030102			LED classic 60W ST64 E27 CL WGD90 SRT4 9290030107					
			LED classic 60W ST64 B22 CL WGD90 SRT4 9290030108					
			LED classic 60W G93 E27 CL WGD90 1PF/4 9290030109					
			LED classic 60W G93 B22 CL WGD90 1PF/4 9290030110					
			LED classic 60W A60 B22 CL WGD90 SRT4 UK 9290030105					
			LED classic 60W A60 E27 CL WGD90 SRT4 UK 9290030103					
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%	
1-10	100% - 0%		1-3	99% - 0%		1-3	99% - 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%	
1-10	100% - 0%		1-3	100% - 0%		1-3	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%	
1-10	100% - 0%		1-3	98% - 0%		1-3	99% - 0%	
1-18	100% - 0%		1-10	99% - 0%		1-8	99% - 0%	
1-18	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%	
1-20	100% - 0%		1-14	99% - 0%		1-11	100% - 0%	
1-18	N.A.	N.A.	1-14	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%	
1-10	100% - 0%		1-3	100% - 0%		1-3	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%	
1-10	100% - 0%		1-3	99% - 0%		1-3	99% - 0%	
1-18	99% - 0%		1-10	99% - 0%		1-8	87% - 0%	
1-10	100% - 0%		1-3	100% - 0%		1-3	100% - 0%	
1-10	100% - 0%		1-3	97% - 0%		1-3	98% - 0%	
1-20	100% - 0%		1-14	93% - 0%		1-11	100% - 0%	
1-10	100% - 0%		1-3	76% - 0%		1-3	61% - 0%	
1-10	100% - 0%		1-3	68% - 0%		1-3	74% - 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%	
1-10	94% - 0%		1-8	99% - 0%		1-6	99% - 0%	
1-10	N.A.	N.A.	1-8	98% - 0%	2	1-10	99% - 0%	2
1-10	100% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-10	99% - 0%		1-3	99% - 0%		1-3	98% - 0%	

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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 – 360W - Turn
Berker INSTA	2973	[LED, R, L, C] 3 – 60W - Turn
Bticino Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 – 75W - Tast
Busch Jaeger ABB	2250 U	[R] 60 – 600W - Turn
Busch Jaeger ABB	6513 U – 102	[RC] 40 – 420W - Turn
Busch Jaeger ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 – 100W - Turn- Leading
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 – 100W - Turn- Trailing
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 – 400W - Turn- Leading
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 – 400W - Turn- Trailing
ELKO EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W
SE LK Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider
SE LK Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider
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
Eitako	DL-PD-300W-RLC (33000009) Universal	10-300W, LED, Trailing
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
Feller Schneider	40300 (SBD315)	[RLC] 300W
Feller Schneider	40200 LED.EB (CCT99100)	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
Gira	1176-00/01	[RLC] 50 – 420W
Gira INSTA	5401 00	[LED, R, L, C] 3 – 100W/200W- Tast
Gira INSTA	2450 00	[LED, R, L, C] 3 – 60W - Turn
Hamilton	LEDIT-B100	5-100W,LED, Trailing
Hamilton	LEDIT-B100	5-100W,LED, Leading
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	1271LEDD	[LED] 3 – 100W - Push (3wire)
Jung INSTA	1711DE	[LED, R, L, C] 3 – 100W/200W- Tast
Jung INSTA	1730DD	[LED, R, L, C] 3 – 60W - Turn
Klik aan Klik uit	AWMD-250	[LED] 3– 24W
Legrand	67083	[RLC] 3 – 400W
Legrand	L4402N	[R] 60–500W
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 –100 VA
Niko	310-02901	[LED, R, L, C] 3 – 200W - Tast
Niko	310-03901	[LED, R, L, C] 3 – 200W - Turn
Osram	HALOTRONIC HTI DALI 315 DIM	3W-200W, LED,Trailing
PEHA	431HAN	[RL] 6–120W [LED] 6–60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	[] 4–400VA - Turn Universal (2wire)
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing
VADSBO	VD300	[LED] 0 – 300VA - Turn
VADSBO	LDN200	0-200W,LED
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing
Variilight	HQ3W	[R] 60-400W
Variilight	MJP120	0-120W,LED
Variilight	JQP401W	0-120W,LED
Vimar	20148	[RL] 500W
Vimar	Universal dimmer 20135.1	[LED] 3 – 200W - Tast
Vimar	Universal dimmer 20136.1	[LED] 3 – 200W - Turn- Leading
Vimar	Universal dimmer 20136.1	[LED] 3 – 200W - Turn- Trailing
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing
Zano	ZMO150	0W-150W, LED,Rot

LED Bulb								
LED classic 100W A60 E27 CL WGD90 SRT4 9290030115 LED classic 100W A60 E27 FR WGD90 SRT4 9290030117			COOP LEDCLA 60W E27 WW A60 FR DIM 1PF/6 9290019937 LED classic 60W ST64 E27 WW CL D 1PF/4 9290023908			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	97% - 16%		1-10	100% - 0%		1-10	100% - 0%	
1-6	97% - 7%		1-10	97% - 0%		1-10	100% - 0%	
1-7	97% - 4%		1-10	100% - 0%		1-10	100% - 0%	
1-11	97% - 0%		2-10	99% - 0%		2-10	100% - 0%	
1-11	98% - 15%		1-10	99% - 0%		1-10	100% - 0%	
1-10	98% - 3%		1-10	99% - 0%		1-10	100% - 0%	
1-10	96% - 0%		1-10	96% - 0%		1-10	100% - 0%	
1-10	97% - 10%		1-10	100% - 0%		1-10	100% - 0%	
1-10	97% - 3%		2-10	98% - 0%		1-10	100% - 0%	
1-15	97% - 0%		1-10	99% - 0%		1-10	100% - 0%	
1-20	97% - 0%		2-10	96% - 0%		1-10	100% - 0%	
1-3	99% - 0%		1-3	100% - 0%		1-3	99% - 0%	
1-8	96% - 13%		1-10	99% - 0%		1-10	100% - 0%	
1-6	97% - 4%		1-10	99% - 0%		1-10	100% - 0%	
1-11	97% - 12%		1-10	100% - 0%		1-10	100% - 0%	
1-11	97% - 12%		1-10	100% - 0%		1-10	100% - 0%	
1-8	98% - 0%		1-10	99% - 0%		1-10	100% - 0%	
2-10	97% - 8%		1-10	100% - 0%		1-10	100% - 0%	
1-19	97% - 0%		1-10	96% - 0%		1-10	100% - 0%	
1-3	100% - 4%		1-3	89% - 0%		1-3	100% - 0%	
1-8	96% - 13%		1-10	99% - 0%		1-10	100% - 0%	
1-6	97% - 4%		1-10	100% - 0%		1-10	100% - 0%	
1-2	97% - 12%		1-3	100% - 0%		1-3	100% - 0%	
1-8	97% - 18%			N.A.	N.A.	1-10	100% - 0%	
1-10	98% - 0%		1-10	98% - 0%		1-10	100% - 0%	
1-6	97% - 7%		1-10	97% - 0%		1-10	100% - 0%	
1-3	97% - 0%		1-3	100% - 0%		1-3	98% - 0%	
1-6	97% - 7%			N.A.	N.A.	1-10	100% - 0%	
1-10	98% - 23%			N.A.	N.A.	1-10	100% - 0%	
1-10	100% - 9%		1-10	97% - 0%		1-10	100% - 0%	
1-8	99% - 0%		1-10	97% - 0%		1-10	100% - 0%	
1-10	98% - 0%		1-10	98% - 0%		1-10	100% - 0%	
1-6	97% - 7%		1-10	97% - 0%		1-10	100% - 0%	
1-2	96% - 21%		1-4	100% - 0%		1-4	100% - 0%	
1-8	98% - 4%		1-10	100% - 0%		1-10	100% - 0%	
2-10	99% - 37%			N.A.	N.A.	1-10	100% - 0%	
1-8	96% - 13%		1-10	99% - 0%		1-10	100% - 0%	
1-6	97% - 4%		1-10	99% - 0%		1-10	100% - 0%	
1-2	97% - 12%		1-3	100% - 0%		1-3	100% - 0%	
1-9	98% - 11%		1-10	99% - 0%		2-10	100% - 0%	
1-10	98% - 12%		1-10	99% - 0%		1-10	100% - 0%	
1-3	98% - 7%		1-6	98% - 0%		1-6	100% - 0%	
1-8	98% - 15%		1-10	99% - 0%		1-10	100% - 0%	
1-10	97% - 2%		1-10	99% - 0%		1-10	100% - 0%	
1-19	96% - 1%		1-10	99% - 0%		1-10	100% - 0%	
1-19	96% - 1%		1-10	99% - 0%		1-10	100% - 0%	
1-3	100% - 0%		1-3	100% - 0%		1-3	100% - 0%	
1-6	97% - 0%			N.A.	N.A.	1-10	100% - 0%	
1-10	98% - 3%		1-10	99% - 0%		1-10	100% - 0%	
	N.A.	N.A.	1-10	99% - 2%		1-10	100% - 2%	
1	96% - 8%		1-10	100% - 0%		1-10	100% - 0%	
1-6	97% - 4%		1-10	99% - 0%		1-10	100% - 0%	
1-8	96% - 13%		1-10	99% - 0%		1-10	100% - 0%	
1-2	97% - 12%		1-3	100% - 0%		1-3	100% - 0%	
1-3	100% - 0%		1-3	100% - 0%		1-3	99% - 0%	
1-6	83% - 1%		1-10	100% - 0%		1-10	100% - 0%	
1-3	99% - 0%		1-3	100% - 0%		1-3	100% - 0%	
1-3	99% - 0%		1-3	100% - 0%		1-3	97% - 0%	
1-8	99% - 14%		2-10	100% - 0%		1-10	100% - 0%	
1-3	56% - 0%		1-3	54% - 0%		1-3	76% - 0%	
1-3	64% - 0%		1-3	58% - 0%		1-3	68% - 0%	
1-10	97% - 18%		1-10	98% - 0%		1-10	100% - 0%	
1-19	99% - 22%		1-10	96% - 0%		1-10	100% - 0%	
1-19	98% - 2%		1-10	95% - 0%		1-10	100% - 0%	
1-19	97% - 2%		1-10	96% - 0%		1-10	100% - 0%	
1-4	99% - 0%		1-8	100% - 0%		1-8	96% - 0%	
2-3	99% - 0%		3-10	100% - 0%		3-10	97% - 0%	
1-9	99% - 0%		1-10	100% - 0%		2-10	98% - 0%	
1-3	93% - 0%		1-3	100% - 0%		1-3	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 – 360W - Turn
Berker INSTA	2973	[LED, R, L, C] 3 - 60W - Turn
Bticino Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast
Busch Jaeger ABB	2250 U	[R] 60 – 600W - Turn
Busch Jaeger ABB	6513 U - 102	[RC] 40 – 420W - Turn
Busch Jaeger ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Leading
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Trailing
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Leading
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Trailing
ELKO EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W
SE LK Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider
SE LK Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider
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
Eitako	DL-PD-300W-RLC (33000009) Universal	10-300W, LED, Trailing
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
Feller Schneider	40300 (SBD315)	[RLC] 300W
Feller Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
Gira	1176-00/01	[RLC] 50 – 420W
Gira INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast
Gira INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn
Hamilton	LEDIT-B100	5-100W,LED, Trailing
Hamilton	LEDIT-B100	5-100W,LED, Leading
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	1271LEDDE	[LED] 3 – 100W - Push (3wire)
Jung INSTA	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
Legrand	67083	[RLC] 3 – 400W
Legrand	L4402N	[R] 60–500W
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn
Osram	HALOTRONIC HTi DALI 315 DIM	3W-200W, LED,Trailing
PEHA	431HAN	[RL] 6-120W [LED] 6–60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing
VADSBO	VD300	[LED] 0 – 300VA - Turn
VADSBO	LDN200	0-200W,LED
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing
Varilight	HQ3W	[R] 60–400W
Varilight	MJP120	0-120W,LED
Varilight	JQP401W	0-120W,LED
Vimar	20148	[RL] 500W
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing
Zano	ZMO150	0W-150W, LED,Rot

LED Bulb								
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-10	99% - 0%		1-10	100% - 0%		1-10	100% - 0%	
1-9	99% - 0%		1-9	100% - 0%		1-9	100% - 0%	
1-11	100% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-17	100% - 0%		2-10	100% - 0%		2-10	100% - 0%	
1-17	100% - 0%		2-10	98% - 0%		2-10	98% - 0%	
1-14	99% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-14	92% - 0%		1-10	98% - 0%		1-10	98% - 0%	
1-14	99% - 0%		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1-14	99% - 0%		1-10	98% - 0%		1-10	98% - 0%	
1-20	99% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-20	100% - 0%		1-10	98% - 0%		1-10	98% - 0%	
1-20	99% - 0%		1	100% - 0%		1-3	99% - 0%	
1-11	100% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-9	99% - 0%		1-9	98% - 0%		1-9	98% - 0%	
1-17	99% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-17	99% - 0%		1-10	98% - 0%		1-10	98% - 0%	
1-11	99% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-20	99% - 0%		1-10	97% - 0%		1-10	97% - 0%	
1-20	99% - 0%		1-10	97% - 0%		1-10	97% - 0%	
1-20	99% - 0%		1	100% - 0%		1-3	100% - 0%	
1-11	100% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-9	99% - 0%		1-9	98% - 0%		1-9	98% - 0%	
1-3	100% - 0%		1-3	100% - 0%		1-3	100% - 0%	
1-12	100% - 0%		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1-14	99% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-9	99% - 0%		1-9	100% - 0%		1-9	100% - 0%	
1-14	99% - 0%		1	99% - 0%		1-3	100% - 0%	
1-9	100% - 0%		1-9	79% - 0%		1-9	79% - 0%	
1-14	99% - 0%		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1-14	100% - 0%		1-10	98% - 0%		1-10	98% - 0%	
1-14	100% - 0%		1-10	98% - 0%		1-10	98% - 0%	
1-14	99% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-9	99% - 0%		1-9	100% - 0%		1-9	100% - 0%	
1-3	99% - 0%		1-3	99% - 0%		1-3	99% - 0%	
1-11	100% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-14	99% - 0%		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1-14	99% - 0%		1-10	98% - 0%		1-10	98% - 0%	
1-14	99% - 0%		1-10	98% - 0%		1-10	98% - 0%	
1-14	99% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-9	99% - 0%		1-9	100% - 0%		1-9	100% - 0%	
1-11	99% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-14	99% - 0%		1-10	79% - 0%		1-10	79% - 0%	
1-20	99% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-20	99% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-20	100% - 0%		1	100% - 0%		1-3	100% - 0%	
1-9	98% - 0%		1-10	98% - 0%		1-10	98% - 0%	
1-14	99% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-14	99% - 0%		1-10	71% - 0%		1-10	71% - 0%	
1-14	99% - 0%		1-10	100% - 0%		1-10	100% - 0%	
1-9	99% - 0%		1-9	98% - 0%		1-9	98% - 0%	
1-11	100% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-3	100% - 0%		1-3	100% - 0%		1-3	100% - 0%	
1-20	99% - 0%		1	100% - 0%		1-3	100% - 0%	
1-20	99% - 0%		2-9	82% - 0%		2-9	82% - 0%	
1-20	99% - 0%		1	99% - 0%		1-3	99% - 0%	
1-20	99% - 0%		1	99% - 0%		1-3	100% - 0%	
1-11	99% - 0%		2-10	99% - 0%		2-10	99% - 0%	
1-17	62% - 0%		1	76% - 0%		1-3	61% - 0%	
1-17	93% - 0%		1	87% - 0%		1-3	72% - 0%	
1-14	100% - 0%		1-10	97% - 0%		1-10	97% - 0%	
1-20	100% - 0%		1-10	98% - 0%		1-10	98% - 0%	
1-20	100% - 0%		1-10	98% - 0%		1-10	98% - 0%	
1-20	100% - 0%		1-10	98% - 0%		1-10	98% - 0%	
1-14	100% - 0%		1-3	96% - 0%		1-3	96% - 0%	
1-20	100% - 0%		1-3	96% - 0%		1-3	96% - 0%	
1-20	100% - 0%		3	99% - 0%		3	99% - 0%	
1-20	99% - 0%		1	99% - 0%		1-3	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.
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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 - 360W - Turn
Berker INSTA	2973	[LED, R, L, C] 3 - 60W - Turn
Bticino Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast
Busch Jaeger ABB	2250 U	[R] 60 - 600W - Turn
Busch Jaeger ABB	6513 U - 102	[RC] 40 - 420W - Turn
Busch Jaeger ABB	6523 U	[LED] 2 - 100 VA-LED - Turn
Busch Jaeger ABB	6526 U	[LED] 2 - 100 VA-LED - Push (2wire)
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Leading
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Trailing
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Leading
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Trailing
ELKO EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W
SE LK Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider
SE LK Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider
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
Eitako	DL-PD-300W-RLC (33000009) Universal	10-300W, LED, Trailing
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
Feller Schneider	40300 (SBD315)	[RLC] 300W
Feller Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
Gira	1176-00/01	[RLC] 50 - 420W
Gira INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast
Gira INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn
Hamilton	LEDIT-B100	5-100W,LED, Trailing
Hamilton	LEDIT-B100	5-100W,LED, Leading
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	127ILEDE	[LED] 3 - 100W - Push (3wire)
Jung INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast
Jung INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn
Klik aan Klik uit	AWMD-250	[LED] 3 - 24W
Legrand	67083	[RLC] 3 - 400W
Legrand	L4402N	[R] 60-500W
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
MK - Electric	K1535	[R] 65 - 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 - 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 - 100 VA
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn
Osram	HALOTRONIC HTi DALI 315 DIM	3W-200W, LED,Trailing
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 - 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing
VADSBO	VD300	[LED] 0 - 300VA - Turn
VADSBO	LDN200	0-200W,LED
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing
Varilight	HQ3W	[R] 60-400W
Varilight	MJP120	0-120W,LED
Varilight	JQP401W	0-120W,LED
Vimar	20148	[RL] 500W
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing
Philips Dynalite	DDL801	(100W per channel)
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Leading
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing
Zano	ZMO150	0W-150W, LED,Rot

LED Bulb								
LEDClassic 40W Diamond E27 2700K CL D 9290019357			LED P45 25W 2200K E27 Amber Sp DIM 1PF 9290036271 LED P45 25W 2200K E14 Amber Sp DIM 1PF 9290036272 LED B35 25W 2200K E14 Amber Sp DIM 1PF 9290036273			LED G125 40W 2200K E27 Amber Sp DIM 1PF 9290036267 LED G95 40W 2200K E27 Amber Sp DIM 1PF 9290036268 LED T32 40W 2200K E27 Amber Sp DIM 1PF 9290036269 LED A60 40W 2200K E27 Amber Sp DIM 1PF 9290036270		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-10	98% - 0%		1-10	100% - 0%		1-10	100% - 0%	
1-10	96% - 0%		1-10	98% - 0%		1-10	86% - 0%	
1-10	98% - 0%		1-10	100% - 0%		1-10	100% - 0%	
2-10	98% - 0%		2-10	46% - 0%		2-10	29% - 0%	
1-10	98% - 0%		1-10	99% - 0%		1-10	100% - 0%	
1-10	98% - 0%		1-10	100% - 0%		1-10	99% - 0%	
1-10	96% - 0%		1-10	99% - 0%		1-10	100% - 0%	
1-10	98% - 0%		1-10	99% - 0%		1-10	98% - 0%	
2-10	67% - 0%		1-10	99% - 0%		1-10	98% - 0%	
1-10	98% - 0%		1-10	99% - 0%		1-10	99% - 0%	
2-10	97% - 0%		1-10	48% - 0%		1-10	64% - 0%	
1-3	97% - 0%		1-10	99% - 0%		1-3	98% - 0%	
1-10	98% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-10	98% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-10	99% - 0%		1-10	99% - 0%		1-10	100% - 0%	
1-10	99% - 0%		1-10	99% - 0%		1-10	100% - 0%	
1-10	97% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-10	94% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-10	94% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-3	100% - 0%		1-10	100% - 0%		1-3	100% - 0%	
1-10	98% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-10	98% - 0%		1-10	99% - 0%		1-10	98% - 0%	
1-4	99% - 0%		2-7	49% - 0%		1-4	98% - 0%	
2-10	97% - 1%		1-10	100% - 4%		1-10	86% - 0%	
1-10	96% - 0%		1-10	98% - 0%		1-10	86% - 0%	
1-10	96% - 0%		1-10	95% - 0%		1-10	86% - 0%	
1-3	98% - 0%		1-10	99% - 0%		1-3	100% - 0%	
1-10	97% - 0%		1-10	99% - 0%		1-10	100% - 0%	
1-10	97% - 0%		1-10	99% - 0%		1-10	100% - 0%	
1-10	99% - 0%		1-10	99% - 0%		1-10	100% - 0%	
1-10	96% - 0%		1-10	98% - 0%		1-10	92% - 0%	
1-10	96% - 0%		1-10	98% - 0%		1-10	86% - 0%	
1-10	96% - 0%		1-10	95% - 0%		1-10	86% - 0%	
1-5	99% - 0%		1-5	100% - 0%		1-5	98% - 0%	
1-10	98% - 0%		1-10	100% - 0%		1-10	99% - 0%	
1-10	98% - 0%		2-10	100% - 0%			N.A.	N.A.
1-10	98% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-10	98% - 0%		1-10	98% - 0%		1-10	98% - 0%	
1-4	99% - 0%		2-7	49% - 0%		1-4	100% - 0%	
2-10	98% - 0%		2-10	99% - 0%		1-10	12% - 0%	
2-10	97% - 0%		2-10	100% - 0%		1-10	98% - 0%	
1-7	99% - 0%		1-10	100% - 0%		1-10	99% - 0%	
1-10	97% - 0%		1-10	99% - 0%		1-10	98% - 0%	
1-10	97% - 0%		1-10	99% - 0%		1-10	97% - 0%	
1-10	98% - 0%		1-10	99% - 0%		1-10	100% - 0%	
1-10	98% - 0%		1-10	99% - 0%		1-10	100% - 0%	
1-3	100% - 0%		1-10	100% - 0%		1-3	100% - 0%	
1-10	97% - 0%		2-10	100% - 0%		1-10	98% - 0%	
1-10	98% - 0%		1-10	99% - 0%		1-10	100% - 0%	
1-10	97% - 2%		1-10	98% - 0%		1-10	96% - 0%	
1-10	99% - 0%		1-10	99% - 0%		1-10	98% - 0%	
1-10	98% - 0%		2-10	99% - 0%		1-10	98% - 0%	
1-10	98% - 0%		1-10	99% - 0%		1-10	99% - 0%	
1-4	99% - 0%		2-7	49% - 0%		1-4	100% - 0%	
1-3	97% - 0%		1-10	99% - 0%		1-3	100% - 0%	
1-10	97% - 0%		1-10	98% - 0%		1-10	98% - 0%	
1-3	95% - 0%		1-10	99% - 0%		1-3	98% - 0%	
1-3	97% - 0%		1-10	98% - 0%		1-3	99% - 0%	
1-10	98% - 0%		2-10	73% - 0%		1-10	99% - 0%	
1-3	65% - 0%		1-10	59% - 0%		1-3	63% - 0%	
1-3	75% - 0%		1-10	98% - 0%		1-3	76% - 0%	
1-10	98% - 0%		1-10	100% - 0%		1-10	100% - 0%	
1-10	97% - 0%		1-10	100% - 0%		1-10	100% - 0%	
1-10	97% - 5%		1-10	100% - 0%		1-10	100% - 0%	
1-10	97% - 0%		1-10	100% - 0%		1-10	100% - 0%	
1-3	98% - 0%							
	N.A.	N.A.						
	N.A.	N.A.						
1-3	99% - 0%		1-10	99% - 0%		1-3	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 – 360W - Turn
Berker INSTA	2973	[LED, R, L, C] 3 - 60W - Turn
Bticino Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast
Busch Jaeger ABB	2250 U	[R] 60 – 600W - Turn
Busch Jaeger ABB	6513 U - 102	[RC] 40 – 420W - Turn
Busch Jaeger ABB	6523 U	[LED] 2 - 100 VA-LED - Turn
Busch Jaeger ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Leading
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Trailing
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Leading
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Trailing
ELKO EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W
SE LK Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider
SE LK Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider
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
Eitako	DL-PD-300W-RLC (33000009) Universal	10-300W, LED, Trailing
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
Feller Schneider	40300 (SBD315)	[RLC] 300W
Feller Schneider	40200.LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
Gira	1176-00/01	[RLC] 50 – 420W
Gira INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast
Gira INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn
Hamilton	LEDIT-B100	5-100W,LED, Trailing
Hamilton	LEDIT-B100	5-100W,LED, Leading
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	127ILEDDE	[LED] 3 – 100W - Push (3wire)
Jung INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast
Jung INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn
Klik aan Klik uit	AWMD-250	[LED] 3- 24W
Legrand	67083	[RLC] 3 – 400W
Legrand	L4402N	[R] 60-500W
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 –100 VA
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn
Osram	HALOTRONIC HTI DALI 315 DIM	3W-200W, LED,Trailing
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	[] 4–400VA - Turn Universal (2wire)
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing
VADSBO	VD300	[LED] 0 - 300VA - Turn
VADSBO	LDN200	0-200W,LED
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing
Varilight	HQ3W	[R] 60-400W
Varilight	MJP120	0-120W,LED
Varilight	JQP401W	0-120W,LED
Vimar	20148	[RL] 500W
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing
Zano	ZMO150	0W-150W, LED,Rot

LED Bulb								
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%	
1-3	99% - 0%		1-3	97% - 0%		1-3	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%	
1-10	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%	
1-3	100% - 0%		1-3	100% - 0%		1-3	100% - 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%	
1-3	99% - 0%		1-3	97% - 0%		1-3	100% - 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%	
1-10	98% - 0%		1-10	97% - 0%		1-10	98% - 0%	
1-10	98% - 0%		1-10	98% - 0%		1-10	98% - 0%	
1-10	98% - 0%		1-10	99% - 0%		1-10	98% - 0%	
1-10	98% - 0%		1-10	97% - 0%		1-10	98% - 0%	
1-10	98% - 0%		1-10	99% - 0%		1-10	98% - 0%	
1-10	98% - 0%		1-10	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%	
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%	
1-3	100% - 0%		1-3	100% - 0%		1-3	100% - 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%	
1-3	99% - 0%		1-3	99% - 0%		1-4	99% - 0%	
1-3	99% - 0%		1-3	96% - 0%		1-3	100% - 0%	
1-10	98% - 0%		2-10	97% - 0%		1-10	98% - 0%	
1-3	61% - 0%		1-3	48% - 0%		1-3	63% - 0%	
1-3	73% - 0%		1-3	56% - 0%		1-3	76% - 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.
1-3	99% - 0%		1-3	97% - 0%		1-3	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 – 360W - Turn
Berker INSTA	2973	[LED, R, L, C] 3 – 60W - Turn
Bticino Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 – 75W - Tast
Busch Jaeger ABB	2250 U	[R] 60 – 600W - Turn
Busch Jaeger ABB	6513 U - 102	[RC] 40 – 420W - Turn
Busch Jaeger ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 – 100W - Turn- Leading
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 – 100W - Turn- Trailing
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 – 400W - Turn- Leading
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 – 400W - Turn- Trailing
ELKO EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W
SE LK Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 – 120W - Slider
SE LK Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 – 120W - Slider
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
Eitako	DL-PD-300W-RLC (33000009) Universal	10-300W, LED, Trailing
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
Feller Schneider	40300 (SBD315)	[RLC] 300W
Feller Schneider	40200 LED.EB (CCT99100)	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
Gira	1176-00/01	[RLC] 50 – 420W
Gira INSTA	5401 00	[LED, R, L, C] 3 – 100W/200W- Tast
Gira INSTA	2450 00	[LED, R, L, C] 3 – 60W - Turn
Hamilton	LEDIT-B100	5-100W,LED, Trailing
Hamilton	LEDIT-B100	5-100W,LED, Leading
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	1271LEDDE	[LED] 3 – 100W - Push (3wire)
Jung INSTA	1711DE	[LED, R, L, C] 3 – 100W/200W- Tast
Jung INSTA	1730DD	[LED, R, L, C] 3 – 60W - Turn
Klik aan Klik uit	AWMD-250	[LED] 3– 24W
Legrand	67083	[RLC] 3 – 400W
Legrand	L4402N	[R] 60–500W
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 –100 VA
Niko	310-02901	[LED, R, L, C] 3 – 200W - Tast
Niko	310-03901	[LED, R, L, C] 3 – 200W - Turn
Osram	HALOTRONIC HTI DALI 315 DIM	3W-200W, LED,Trailing
PEHA	431HAN	[RL] 6–120W [LED] 6–60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	[] 4–400VA - Turn Universal (2wire)
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing
VADSBO	VD300	[LED] 0 – 300VA - Turn
VADSBO	LDN200	0-200W,LED
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing
Varilight	HQ3W	[R] 60-400W
Varilight	MJP120	0-120W,LED
Varilight	JQP401W	0-120W,LED
Vimar	20148	[RL] 500W
Vimar	Universal dimmer 20135.1	[LED] 3 – 200W - Tast
Vimar	Universal dimmer 20136.1	[LED] 3 – 200W - Turn- Leading
Vimar	Universal dimmer 20136.1	[LED] 3 – 200W - Turn- Trailing
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing
Zano	ZMO150	0W-150W, LED,Rot

LED Bulb			LED Candle		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-3	97% - 15%		1-20	98% - 0%	1-20
1-3	92% - 0%		1-20	93% - 0%	1-18
1-3	95% - 0%		1-20	96% - 0%	1-20
1-3	89% - 0%		3-20	95% - 0%	1-20
1-3	98% - 30%		1-20	95% - 0%	1-20
1-3	91% - 0%		1-20	86% - 0%	1-20
1-3	100% - 0%		1-20	93% - 0%	1-20
1-3	99% - 0%		1-20	92% - 0%	1-20
1-3	99% - 0%		1-20	94% - 0%	1-20
1-3	96% - 0%		1-20	94% - 0%	1-20
1-3	96% - 0%		1-20	94% - 0%	1-20
1-3	95% - 0%		1-10	100% - 0%	1-10
1-3	96% - 4%		1-20	99% - 0%	1-20
1-3	98% - 0%		1-20	100% - 0%	1-19
1-3	94% - 3%		1-20	100% - 0%	1-20
1-3	96% - 0%		1-20	100% - 0%	1-20
1-3	96% - 0%		1-20	99% - 0%	1-20
1-3	96% - 0%		1-10	96% - 0%	1-10
1-3	96% - 0%		1-20	98% - 0%	1-20
1-3	99% - 0%		1-10	100% - 0%	1-10
1-3	96% - 4%		1-20	99% - 0%	1-20
1-3	98% - 0%		1-20	100% - 0%	1-19
1-3	94% - 67%		1-8	99% - 0%	1-6
1-3	96% - 12%		1-20	100% - 3%	1-20
1-3	93% - 0%		1-20	92% - 0%	1-20
1-3	92% - 0%		1-20	93% - 0%	1-18
1-3	94% - 0%		1-10	100% - 0%	1-10
1-3	93% - 0%		1-20	99% - 0%	1-18
1-3	95% - 0%		1-20	100% - 4%	1-20
1-3	95% - 0%		1-20	98% - 0%	1-20
1-3	93% - 0%		1-20	97% - 0%	1-20
1-3	93% - 0%		1-20	92% - 0%	1-20
1-3	92% - 0%		1-20	93% - 0%	1-18
1-3	85% - 0%		1-10	88% - 3%	1-7
1-3	95% - 0%		1-20	100% - 0%	1-20
	N.A.	N.A.	1	86% - 0%	1
1-3	96% - 4%		1-20	99% - 0%	1-20
1-3	98% - 0%		1-20	100% - 0%	1-19
1-3	94% - 67%		1-8	99% - 0%	1-6
1-3	69% - 0%		5-20	92% - 0%	2-20
1-3	88% - 0%		1-20	99% - 0%	2-20
1-3	88% - 0%		1-14	100% - 0%	1-11
1-3	88% - 0%		1-20	98% - 0%	1-20
1-3	99% - 0%		1-20	99% - 0%	1-20
1-3	90% - 0%		1-5	99% - 0%	1-20
1-3	90% - 0%		1-5	99% - 0%	1-20
1-3	100% - 0%		1-10	100% - 0%	1-10
1-3	86% - 0%			N.A.	N.A.
1-3	91% - 0%		1-20	86% - 0%	1-20
	N.A.	N.A.	1-20	100% - 4%	1-20
1-3	96% - 0%		1-20	100% - 0%	1-20
1-3	98% - 0%		1-20	100% - 0%	1-19
1-3	96% - 4%		1-20	99% - 0%	1-20
1-3	94% - 67%		1-8	99% - 0%	1-6
1-3	99% - 0%		1-10	96% - 0%	1-10
1-3	98% - 0%		1-20	63% - 0%	1-18
1-3	96% - 0%		1-10	98% - 0%	1-10
1-3	96% - 0%		1-10	99% - 0%	1-10
1-3	91% - 0%		1-20	99% - 0%	1-20
1-3	67% - 0%		1-10	49% - 0%	1-10
1-3	63% - 0%		1-10	54% - 0%	1-10
1-3	95% - 0%		1-20	92% - 0%	1-20
1-3	96% - 0%		1-20	98% - 3%	1-20
1-3	97% - 0%		1-20	98% - 0%	1-20
1-3	97% - 0%		1-20	98% - 0%	1-20
1-3	98% - 0%		1-10	90% - 0%	1-10
1-3	97% - 0%		1-10	97% - 0%	3-5
1-3	97% - 0%		5-10	97% - 0%	1-10
1-3	90% - 0%		1-10	100% - 0%	1-10

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 – 360W - Turn
Berker INSTA	2973	[LED, R, L, C] 3 – 60W - Turn
Bticino Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 – 75W - Tast
Busch Jaeger ABB	2250 U	[R] 60 – 600W - Turn
Busch Jaeger ABB	6513 U - 102	[RC] 40 – 420W - Turn
Busch Jaeger ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Leading
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Trailing
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Leading
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Trailing
ELKO EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W
SE LK Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 – 120W - Slider
SE LK Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 – 120W - Slider
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
Eitako	DL-PD-300W-RLC (33000009) Universal	10-300W, LED, Trailing
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
Feller Schneider	40300 (SBD315)	[RLC] 300W
Feller Schneider	40200 LED.EB (CCT99100)	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
Gira	1176-00/01	[RLC] 50 – 420W
Gira INSTA	5401 00	[LED, R, L, C] 3 – 100W/200W- Tast
Gira INSTA	2450 00	[LED, R, L, C] 3 – 60W - Turn
Hamilton	LEDIT-B100	5-100W,LED, Trailing
Hamilton	LEDIT-B100	5-100W,LED, Leading
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	127ILEDDE	[LED] 3 – 100W - Push (3wire)
Jung INSTA	1711DE	[LED, R, L, C] 3 – 100W/200W- Tast
Jung INSTA	1730DD	[LED, R, L, C] 3 – 60W - Turn
Klik aan Klik uit	AWMD-250	[LED] 3– 24W
Legrand	67083	[RLC] 3 – 400W
Legrand	L4402N	[R] 60–500W
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 –100 VA
Niko	310-02901	[LED, R, L, C] 3 – 200W - Tast
Niko	310-03901	[LED, R, L, C] 3 – 200W - Turn
Osram	HALOTRONIC HTI DALI 315 DIM	3W-200W, LED,Trailing
PEHA	431HAN	[RL] 6–120W [LED] 6–60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	[] 4–400VA - Turn Universal (2wire)
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing
VADSBO	VD300	[LED] 0 – 300VA - Turn
VADSBO	LDN200	0-200W,LED
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing
Varilight	HQ3W	[R] 60-400W
Varilight	MJP120	0-120W,LED
Varilight	JQP401W	0-120W,LED
Vimar	20148	[RL] 500W
Vimar	Universal dimmer 20135.1	[LED] 3 – 200W - Tast
Vimar	Universal dimmer 20136.1	[LED] 3 – 200W - Turn- Leading
Vimar	Universal dimmer 20136.1	[LED] 3 – 200W - Turn- Trailing
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing
Zano	ZMO150	0W-150W, LED,Rot

LED Candle								
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 E22 WGD90 CL 9290030142 LED classic 60W P45 E27 WGD90 CL 9290030143			LED classic 25W B35 B22 CL WGD90 9290030712 LED classic 25W BA35 E14 CL WGD90 9290030713			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 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 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
1-5	72% - 0%		1-20	98% - 0%		1-20	99% - 0%	
1-10	0% - 0%		1-20	93% - 0%		1-18	96% - 0%	
1	96% - 0%		1-20	96% - 0%		1-20	98% - 0%	
1-20	93% - 0%		3-20	95% - 0%		1-20	99% - 0%	
1-10	66% - 0%		1-20	95% - 0%		1-20	99% - 0%	
1-17	95% - 0%		1-20	86% - 0%		1-20	99% - 0%	
	N.A.	N.A.	1-20	93% - 0%		1-20	99% - 0%	
1-20	87% - 0%		1-20	92% - 0%		1-20	99% - 0%	
	N.A.	N.A.	1-20	92% - 0%		1-20	99% - 0%	
1-20	76% - 0%		1-20	94% - 0%		1-20	99% - 0%	
1	93% - 0%		1-20	94% - 0%		1-20	98% - 0%	
1-3	99% - 0%		1-10	100% - 0%		1-10	100% - 0%	
1-3	95% - 0%		1-20	99% - 0%		1-20	99% - 0%	
1-4	97% - 0%		1-20	100% - 0%		1-19	99% - 0%	
1	97% - 0%		1-20	100% - 0%		1-20	98% - 0%	
1-20	0% - 0%		1-20	100% - 0%		1-20	98% - 0%	
1	0% - 0%		1-20	99% - 0%		1-20	99% - 0%	
1-15	70% - 0%		1-10	96% - 0%		1-10	95% - 0%	
1-20	98% - 0%		1-10	96% - 0%		1-10	95% - 0%	
1-3	100% - 0%		1-10	100% - 0%		1-10	100% - 0%	
1-3	95% - 0%		1-20	99% - 0%		1-20	99% - 0%	
1-4	97% - 0%		1-20	100% - 0%		1-19	99% - 0%	
1-3	96% - 0%		1-8	99% - 0%		1-6	100% - 0%	
	N.A.	N.A.	1-20	100% - 3%		1-20	98% - 4%	
1-17	97% - 0%		1-20	92% - 0%		1-20	96% - 0%	
1-10	80% - 0%		1-20	93% - 0%		1-18	98% - 0%	
1-3	98% - 0%		1-10	100% - 0%		1-10	100% - 0%	
1-3	70% - 0%		1-20	99% - 0%		1-18	97% - 0%	
1-5	70% - 2%		1-20	100% - 4%		1-20	98% - 2%	
1-17	69% - 0%		1-20	98% - 0%		1-20	97% - 0%	
1-17	96% - 0%		1-20	97% - 0%		1-20	97% - 0%	
1-17	97% - 0%		1-20	92% - 0%		1-20	96% - 0%	
1-10	80% - 0%		1-20	93% - 0%		1-18	98% - 0%	
1-4	99% - 2%		1-10	88% - 3%		1-7	95% - 3%	
1-5	97% - 0%		1-20	100% - 0%		1-20	97% - 0%	
1-2	98% - 0% 0		1	86% - 0%		1	98% - 24%	
1-3	95% - 0%		1-20	99% - 0%		1-20	99% - 0%	
1-3	97% - 0%		1-20	100% - 0%		1-19	99% - 0%	
1-3	96% - 0%		1-8	99% - 0%		1-6	100% - 0%	
1-15	96% - 0%		5-20	92% - 0%		2-20	95% - 0%	
1-17	97% - 0%		1-20	99% - 0%		2-20	100% - 0%	
1-6	96% - 0%		1-14	100% - 0%		1-11	100% - 0%	
1-14	99% - 0%		1-20	98% - 0%		1-20	100% - 0%	
	N.A.	N.A.	1-20	99% - 0%		1-20	98% - 0%	
	N.A.	N.A.	1-5	99% - 0%		1-20	98% - 0%	
	N.A.	N.A.	1-5	99% - 0%		1-20	98% - 0%	
1-3	100% - 0%		1-10	100% - 0%		1-10	100% - 0%	
1-10	99% - 10%			N.A.	N.A.	1-18	95% - 0%	
1-17	95% - 0%		1-20	86% - 0%		1-20	99% - 0%	
	N.A.	N.A.	1-20	100% - 4%		1-20	98% - 4%	
	N.A.	N.A.	1-20	100% - 0%		1-20	98% - 0%	
1-3	97% - 0%		1-20	100% - 0%		1-19	99% - 0%	
1-3	95% - 0%		1-20	99% - 0%		1-20	99% - 0%	
1-3	96% - 0%		1-8	99% - 0%		1-6	100% - 0%	
1-3	99% - 0%		1-10	96% - 0%		1-10	100% - 0%	
1-3	95% - 0%		1-20	63% - 0%		1-18	77% - 0%	
1-3	100% - 0%		1-10	96% - 0%		1-10	100% - 0%	
1-3	97% - 0%		1-10	98% - 0%		1-10	100% - 0%	
1-3	97% - 0%		1-20	99% - 0%		1-20	99% - 0%	
1-3	76% - 0%		1-10	49% - 0%		1-10	100% - 0%	
1-3	68% - 0%		1-10	54% - 0%		1-10	100% - 0%	
1-17	99% - 0%		1-20	92% - 0%		1-20	97% - 0%	
1-20	72% - 3%		1-20	98% - 3%		1-20	98% - 3%	
1-20	72% - 0%		1-20	98% - 0%		1-20	99% - 0%	
	N.A.	N.A.	1-20	98% - 0%		1-20	99% - 0%	
1-8	96% - 0%		1-10	90% - 0%		1-10	89% - 0%	
5-10	97% - 0%							
3-10	97% - 0%							
1-3	99% - 0%		1-10	97% - 0%		1-10	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 – 360W - Turn
Berker INSTA	2973	[LED, R, L, C] 3 – 60W - Turn
Bticino Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 – 75W - Tast
Busch Jaeger ABB	2250 U	[R] 60 – 600W - Turn
Busch Jaeger ABB	6513 U - 102	[RC] 40 – 420W - Turn
Busch Jaeger ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 – 100W - Turn- Leading
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 – 100W - Turn- Trailing
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 – 400W - Turn- Leading
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 – 400W - Turn- Trailing
ELKO EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W
SE LK Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 – 120W - Slider
SE LK Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 – 120W - Slider
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
Eitako	DL-PD-300W-RLC (33000009) Universal	10-300W, LED, Trailing
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
Feller Schneider	40300 (SBD315)	[RLC] 300W
Feller Schneider	40200 LED.EB (CCT99100)	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
Gira	1176-00/01	[RLC] 50 – 420W
Gira INSTA	5401 00	[LED, R, L, C] 3 – 100W/200W- Tast
Gira INSTA	2450 00	[LED, R, L, C] 3 – 60W - Turn
Hamilton	LEDIT-B100	5-100W,LED, Trailing
Hamilton	LEDIT-B100	5-100W,LED, Leading
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	1271LEDDE	[LED] 3 – 100W - Push (3wire)
Jung INSTA	1711DE	[LED, R, L, C] 3 – 100W/200W- Tast
Jung INSTA	1730DD	[LED, R, L, C] 3 – 60W - Turn
Klik aan Klik uit	AWMD-250	[LED] 3– 24W
Legrand	67083	[RLC] 3 – 400W
Legrand	L4402N	[R] 60–500W
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
Niko	310-02901	[LED, R, L, C] 3 – 200W - Tast
Niko	310-03901	[LED, R, L, C] 3 – 200W - Turn
Osram	HALOTRONIC HTI DALI 315 DIM	3W-200W, LED,Trailing
PEHA	431HAN	[RL] 6–120W [LED] 6–60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	[] 4–400VA - Turn Universal (2wire)
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing
VADSBO	VD300	[LED] 0 – 300VA - Turn
VADSBO	LDN200	0-200W,LED
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing
Varilight	HQ3W	[R] 60-400W
Varilight	MJP120	0-120W,LED
Varilight	JQP401W	0-120W,LED
Vimar	20148	[RL] 500W
Vimar	Universal dimmer 20135.1	[LED] 3 – 200W - Tast
Vimar	Universal dimmer 20136.1	[LED] 3 – 200W - Turn- Leading
Vimar	Universal dimmer 20136.1	[LED] 3 – 200W - Turn- Trailing
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing
Zano	ZMO150	0W-150W, LED,Rot

LED Spot								
LED CLA 50W GU10 C90 WW 36D WGD 2SRT6 9290020657			LED CLA 80W GU10 CRI90 WW 36D WGD SRT4 9290020659			LEDClassic 80W GU10 C90 WH 36D D 1PF/12 9290020684		
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.	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%	
						1-16	99% - 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%	
1-15	18% - 5%		1-20	90% - 4%		1-20	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%	
1-20	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	86% - 0%		1-20	81% - 0%		1-20	99% - 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.	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	86% - 2%		1-20	94% - 1%		1-20	99% - 0%	
1-20	96% - 1%		1-20	86% - 0%		1-20	87% - 0%	
	N.A.	N.A.				8-15	85% - 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	95% - 3%		1-10	86% - 0%		1-10	8% - 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.	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%	
1-10	98% - 0%		1-20	82% - 0%		1-20	94% - 0%	
1-15	91% - 4%		N.A.	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.	N.A.
1-15	18% - 5%		1-20	90% - 4%		1-20	92% - 0%	
1-15	98% - 1%		1-10	85% - 0%		1-10	85% - 0%	
1-10	93% - 11%		1-20	94% - 4%		1-20	99% - 0%	
1-10	98% - 7%		1-20	98% - 0%		1-20	95% - 0%	
1-20	97% - 1%		1-10	89% - 0%		1-10	89% - 0%	
1-20	11% - 7%		1-20	83% - 4%		1-20	83% - 0%	
2-20	8% - 1%		1-20	87% - 0%		1-20	88% - 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%	
1-5	80% - 0%		1-20	84% - 0%		1-20	85% - 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 – 360W - Turn
Berker INSTA	2973	[LED, R, L, C] 3 – 60W - Turn
Bticino Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 – 75W - Tast
Busch Jaeger ABB	2250 U	[R] 60 – 600W - Turn
Busch Jaeger ABB	6513 U – 102	[RC] 40 – 420W - Turn
Busch Jaeger ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 – 100W - Turn- Leading
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 – 100W - Turn- Trailing
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 – 400W - Turn- Leading
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 – 400W - Turn- Trailing
ELKO EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W
SE LK Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 – 120W - Slider
SE LK Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 – 120W - Slider
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
Eitako	DL-PD-300W-RLC (33000009) Universal	10-300W, LED, Trailing
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
Feller Schneider	40300 (SBD315)	[RLC] 300W
Feller Schneider	40200 LED.EB (CCT99100)	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
Gira	1176-00/01	[RLC] 50 – 420W
Gira INSTA	5401 00	[LED, R, L, C] 3 – 100W/200W- Tast
Gira INSTA	2450 00	[LED, R, L, C] 3 – 60W - Turn
Hamilton	LEDIT-B100	5-100W,LED, Trailing
Hamilton	LEDIT-B100	5-100W,LED, Leading
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	1271LEDDE	[LED] 3 – 100W - Push (3wire)
Jung INSTA	1711DE	[LED, R, L, C] 3 – 100W/200W- Tast
Jung INSTA	1730DD	[LED, R, L, C] 3 – 60W - Turn
Klik aan Klik uit	AWMD-250	[LED] 3– 24W
Legrand	67083	[RLC] 3 – 400W
Legrand	L4402N	[R] 60–500W
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 – 200W(RC) 4–400W(RL)
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
Niko	310-02901	[LED, R, L, C] 3 – 200W - Tast
Niko	310-03901	[LED, R, L, C] 3 – 200W - Turn
Osram	HALOTRONIC HTI DALI 315 DIM	3W-200W, LED,Trailing
PEHA	431HAN	[RL] 6–120W [LED] 6–60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	[] 4–400VA - Turn Universal (2wire)
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing
VADSBO	VD300	[LED] 0 – 300VA - Turn
VADSBO	LDN200	0-200W,LED
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing
Varilight	HQ3W	[R] 60-400W
Varilight	MJP120	0-120W,LED
Varilight	JQP401W	0-120W,LED
Vimar	20148	[RL] 500W
Vimar	Universal dimmer 20135.1	[LED] 3 – 200W - Tast
Vimar	Universal dimmer 20136.1	[LED] 3 – 200W - Turn- Leading
Vimar	Universal dimmer 20136.1	[LED] 3 – 200W - Turn- Trailing
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing
Zano	ZMO150	0W-150W, LED, Rot

LED Spot								
LED CLA 35W GU10 C90 WW 36D WGD 2SRT6 9290020655 LED CLA 35W GU10 C90 WW 36D WGD 3SRT6 9290020655 LED CLA 35W GU10 C90 WW 36D WGD SRT4 9290020655			LED CLA 50W GU10 C90 WH 36D D 1PF/SRT4 9290020683 LED CLA 50W GU10 C90 CW 36D RF D PF SRT4 9290020658 LED CLA 50W GU10 C90 CW 36D D 1PF/6 9290020658			LEDClassic 50W GU10 WW 36D DIM UE SRT4 9290037959 LEDClassic 50W GU10 WH 36D DIM UE SRT4 9290037960 LEDClassic 50W GU10 CW 36D DIM UE SRT4 9290037961		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-20	93% - 3%		1-15	97%-0%		1-20	100%-0%	
1-20	97% - 21%		1-15	96%-0%		1-20	99%-0%	
1-20	94% - 4%		1-15	96%-0%		1-20	99%-0%	
1-20	94% - 4%		1,8-20	96%-0%		1-2	100%-0%	
1-20	97% - 4%		1-20	97%-0%		1-20	100%-0%	
1-20	96% - 0%		1-20	96%-0%		1-20	99%-0%	
1-20	90% - 4%		1-20	96%-0%		1-20	99%-0%	
1-20	92% - 0%		1-20	97%-0%		1-20	100%-0%	
1-20	96% - 0%		1-20	97%-0%		1-20	99%-0%	
1-20	92% - 0%		1-20	98%-0%		1-20	99%-0%	
1-20	92% - 0%		1-20	96%-0%		1-20	91%-0%	
1-20	57% - 5%			N.A.	N.A.	1-20	97%-0%	
2-20	88% - 7%		1-20	96%-0%		1-20	99%-0%	
1-20	92% - 2%		1-15	96%-0%		1-20	99%-0%	
1-20	93% - 0%		1-20	96%-0%		1-20	99%-0%	
1-20	93% - 0%		1-20	96%-0%		1-20	99%-0%	
1-20	94% - 3%		1-20	97%-0%		1-20	99%-0%	
1-20	92% - 2%		1-20	97%-0%		1-20	99%-0%	
1-20	92% - 2%		1-20	97%-0%		1-20	99%-0%	
1-20	69% - 2%		1-20	97%-0%		1-20	99%-0%	
2-20	88% - 7%		1-20	96%-0%		1-20	99%-0%	
1-20	92% - 2%		1-15	96%-0%		1-20	99%-0%	
1-8	98% - 3%		1-5	97%-0%		1-10	99%-0%	
1-20	97% - 0%		1-20	96%-0%		1-20	99%-1%	
1-20	98% - 1%		1-20	96%-0%		1-20	99%-0%	
1-20	62% - 3%		1-15	96%-0%		1-20	99%-0%	
1-20	53% - 2%			N.A.	N.A.		N.A.	N.A.
1-20	97% - 2%		1-15	96%-0%		1-20	100%-0%	
1-20	97% - 1%		1-20	97%-0%		1-20	100%-5%	
1-20	98% - 0%		1-20	96%-0%		1-20	100%-0%	
1-20	96% - 0%		1-20	97%-0%		1-20	100%-0%	
1-20	98% - 1%		1-20	96%-0%		1-20	99%-0%	
1-20	97% - 21%		1-15	96%-0%		1-20	99%-0%	
1-8	96% - 1%		1-5	96%-0%		1-10	99%-0%	
1-20	92% - 2%		1-20	96%-0%		1-20	99%-0%	
	N.A.	N.A.		N.A.	N.A.		N.A.	N.A.
2-20	88% - 7%		1-20	96%-0%		1-20	99%-0%	
1-20	96% - 1%		1-15	96%-0%		1-20	99%-0%	
1-8	98% - 3%		1-5	97%-0%		1-10	99%-0%	
1-20	96% - 0%		1-20	97%-0%		1-20	76%-0%	
1-20	96% - 0%		1-20	97%-0%		8-20	100%-0%	
	N.A.	N.A.	1-8	98%-2%		8-15	99%-7%	
1-20	81% - 5%		1-20	97%-0%		1,5-20	99%-0%	
1-20	97% - 1%		1-20	96%-0%		1-20	98%-0%	
1-20	97% - 2%		1-20	96%-0%		1-20	99%-0%	
1-20	97% - 2%		1-20	96%-0%		1-20	99%-0%	
1-20	66% - 0%		1-20	98%-0%		1-20	99%-0%	
1-20	96% - 0%		1-15	96%-0%		1-20	99%-0%	
1-20	96% - 0%		1-20	96%-0%		1-20	99%-0%	
1-20	95% - 0%		1-20	96%-0%		1-20	99%-0%	
	N.A.	N.A.	1-20	93%-0%		1-20	98%-3%	
1-20	92% - 2%		1-15	96%-0%		1-20	99%-0%	
2-20	88% - 7%		1-20	96%-0%		1-20	99%-0%	
1-8	98% - 3%		1-5	97%-0%		1-10	99%-0%	
1-20	57% - 5%			N.A.	N.A.	1-20	97%-0%	
1-20	98% - 0%		1-20	95%-0%		1-20	98%-0%	
1-20	60% - 20%		1-20	97%-0%		1-20	99%-0%	
1-20	66% - 0%		1-20	98%-0%		1-20	99%-1%	
1-20	97% - 0%		1-20	95%-0%		1	98%-0%	
1-20	20% - 8%		1-20	29%-0%		1-20	60%-5%	
	N.A.	N.A.	1-20	96%-0%		1-20	99%-0%	
1-20	97% - 1%		1-20	96%-0%		2-20	99%-0%	
1-20	97% - 3%		1-20	96%-0%		1-20	98%-0%	
1-20	98% - 0%		1-20	96%-0%		1-20	99%-0%	
1-20	96% - 0%		1-20	97%-0%		1-20	99%-0%	
1-18	87% - 0%		1-20	98%-0%		1-20	99%-0%	
	N.A.	N.A.	1-20	98%-0%		1-20	99%-0%	
5-20	92% - 0%		1-20	98%-0%		1-20	99%-0%	
1-20	43% - 0%		1-20	97%-0%		1-20	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 - 360W - Turn
Berker INSTA	2973	[LED, R, L, C] 3 - 60W - Turn
Bticino Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast
Busch Jaeger ABB	2250 U	[R] 60 - 600W - Turn
Busch Jaeger ABB	6513 U - 102	[RC] 40 - 420W - Turn
Busch Jaeger ABB	6523 U	[LED] 2 - 100 VA-LED - Turn
Busch Jaeger ABB	6526 U	[LED] 2 - 100 VA-LED - Push (2wire)
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Leading
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Trailing
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Leading
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Trailing
ELKO EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W
SE LK Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider
SE LK Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider
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
Eitako	DL-PD-300W-RLC (33000009) Universal	10-300W, LED, Trailing
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
Feller Schneider	40300 (SBD315)	[RLC] 300W
Feller Schneider	40200 LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
Gira	1176-00/01	[RLC] 50 - 420W
Gira INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast
Gira INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn
Hamilton	LEDIT-B100	5-100W,LED, Trailing
Hamilton	LEDIT-B100	5-100W,LED, Leading
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	1271LEDDE	[LED] 3 - 100W - Push (3wire)
Jung INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast
Jung INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn
Klik aan Klik uit	AWMD-250	[LED] 3 - 24W
Legrand	67083	[RLC] 3 - 400W
Legrand	L4402N	[R] 60-500W
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
MK - Electric	K1535	[R] 65 - 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 - 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 - 100 VA
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn
Osram	HALOTRONIC HTI DALI 315 DIM	3W-200W, LED,Trailing
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UIDB670	[LED] 2 - 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing
VADSBO	VD300	[LED] 0 - 300VA - Turn
VADSBO	LDN200	0-200W,LED
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing
Varilight	HQ3W	[R] 60-400W
Varilight	MJP120	0-120W,LED
Varilight	JQP401W	0-120W,LED
Vimar	20148	[RL] 500W
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing
Zano	ZMO150	0W-150W, LED,Rot

LED Spot								
LED Classic 100W PAR38 WW 25D D 1PF/4 9290034852			LED Classic 75W PAR30S WW 25D D 1PF/4 9290034854			LED Classic50W PAR20 E27 WW 25D D 1SR4 9290034857		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-5	98% - 0%		1-8	94% - 0%		1-10	98% - 0%	
1-5	99% - 0%		N.A.	N.A.		N.A.	N.A.	N.A.
1-5	98% - 0%		1-8	94% - 0%		1-10	98% - 0%	
1-10	98% - 0%		1-10	94% - 0%		1-20	98% - 0%	
1-10	98% - 0%		1-10	93% - 0%		1-20	98% - 0%	
1-8	98% - 0%		1-10	96% - 0%		1-15	98% - 0%	
1-8	100% - 0%		1-11	99% - 0%		1-20	99% - 0%	
1-8	99% - 0%		1-10	97% - 0%		1-15	99% - 0%	
1-8	99% - 0%		1-10	97% - 0%		1-15	98% - 0%	
1-10	99% - 0%		1-20	95% - 0%		1-20	98% - 0%	
1-10	99% - 0%		1-20	95% - 0%		1-20	98% - 0%	
1-18	99% - 0%		1-20	99% - 0%		1-20	100% - 0%	
1-6	100% - 0%		1-8	99% - 0%		1-15	100% - 0%	
1-5	98% - 0%		1-5	94% - 0%		1-10	98% - 0%	
1-10	99% - 0%		1-10	94% - 0%		1-20	98% - 0%	
1-10	99% - 0%		1-10	94% - 0%		1-20	98% - 0%	
1-5	98% - 0%		1-8	95% - 0%		1-10	98% - 0%	
1-10	97% - 0%		1-20	93% - 0%		2-20	98% - 14%	
1-10	97% - 0%		1-20	93% - 0%		1-20	98% - 0%	
1-18	99% - 0%		1-20	99% - 0%		1-20	100% - 0%	
1-6	100% - 0%		1-8	99% - 0%		1-15	100% - 0%	
1-5	98% - 0%		1-5	94% - 0%		1-10	98% - 0%	
1-2	98% - 0%		1-2	94% - 0%		1-3	99% - 0%	
1-5	99% - 7%		2-8	91% - 0%		1-10	98% - 6%	
1-8	99% - 0%		1-10	95% - 0%		1-15	99% - 0%	
1-18	99% - 0%		1-20	98% - 0%		1-20	100% - 0%	
1-18	99% - 0%		1-20	99% - 0%		1-20	100% - 0%	
1-5	98% - 0%		1-5	94% - 0%		1-10	99% - 0%	
1-8	99% - 0%		1-10	95% - 0%		1-15	99% - 0%	
2-8	98% - 14%		1-10	94% - 0%		1-15	98% - 0%	
1-8	97% - 0%		1-10	94% - 0%		1-15	98% - 0%	
1-8	99% - 0%		1-10	95% - 0%		1-15	99% - 0%	
1-5	99% - 0%		N.A.	N.A.		N.A.	N.A.	N.A.
1-2	83% - 3%		1-3	94% - 0%		1-3	99% - 0%	
1-5	98% - 0%		1-8	95% - 0%		1-10	98% - 0%	
1-8	97% - 0%		1	93% - 1%		1	98% - 1%	
1-6	100% - 0%		1-8	99% - 0%		1-15	100% - 0%	
1-5	98% - 0%		1-5	94% - 0%		1-10	98% - 0%	
1-2	98% - 0%		1-2	94% - 0%		1-3	99% - 0%	
1-5	98% - 0%		1-8	93% - 1%		1-15	99% - 0%	
1-8	97% - 0%		N.A.	N.A.		N.A.	N.A.	N.A.
1-3	98% - 2%		1-20	98% - 0%				
1-6	100% - 0%		1-8	99% - 0%		2-12	97% - 0%	
1-8	97% - 0%		1-10	96% - 5%		2-5	98% - 23%	
1-8	100% - 0%		1-20	95% - 0%		1-15	98% - 0%	
1-8	100% - 0%		1-20	95% - 0%		1-15	98% - 0%	
1-8	98% - 0%		1-13	99% - 0%		1-20	100% - 0%	
1-5	98% - 0%		1-5	94% - 0%		2-15	98% - 11%	
1-8	98% - 0%		N.A.	N.A.		1-15	98% - 0%	
1-8	100% - 0%		1-15	98% - 0%		1-20	98% - 0%	
1-8	97% - 2%		1-10	93% - 0%		1-15	99% - 0%	
1-5	98% - 0%		1-5	94% - 0%		1-10	98% - 0%	
1-6	100% - 0%		1-8	99% - 0%		1-13	100% - 0%	
1-2	98% - 0%		1-2	94% - 0%		1-3	99% - 0%	
1-18	99% - 0%		1-20	99% - 0%		1-20	100% - 0%	
1-5	97% - 0%		1-6	95% - 0%		1-10	99% - 0%	
1-18	99% - 0%		1-20	99% - 0%		1-20	100% - 0%	
1-18	99% - 0%		1-20	99% - 0%		1-20	100% - 0%	
1-5	98% - 0%		1-8	92% - 0%		1-10	99% - 0%	
1-18	99% - 0%		1-20	99% - 0%		1-20	100% - 0%	
1-18	99% - 0%		1-20	99% - 0%		1-20	100% - 0%	
1-5	98% - 0%		1-8	94% - 0%		1-15	98% - 0%	
1-5	97% - 6%		1-20	95% - 2%		1-20	98% - 3%	
1-10	98% - 4%		1-20	93% - 0%		1-20	98% - 0%	
1-10	97% - 5%		1-20	93% - 0%		1-20	98% - 0%	
1-4	99% - 0%		1-5	99% - 0%		1-8	99% - 0%	
	N.A.	N.A.	5-10	100% - 0%		N.A.	N.A.	N.A.
3-7	100% - 0%		5-10	100% - 0%		5-15	99% - 0%	
1-18	99% - 0%		1-20	99% - 0%		1-20	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 - 360W - Turn
Berker INSTA	2973	[LED, R, L, C] 3 - 60W - Turn
Bticino Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast
Busch Jaeger ABB	2250 U	[R] 60 - 600W - Turn
Busch Jaeger ABB	6513 U - 102	[RC] 40 - 420W - Turn
Busch Jaeger ABB	6523 U	[LED] 2 - 100 VA-LED - Turn
Busch Jaeger ABB	6526 U	[LED] 2 - 100 VA-LED - Push (2wire)
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Leading
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Trailing
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Leading
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Trailing
ELKO EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W
SE LK Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider
SE LK Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider
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
Eitako	DL-PD-300W-RLC (33000009) Universal	10-300W, LED, Trailing
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
Feller Schneider	40300 (SBD315)	[RLC] 300W
Feller Schneider	40200 LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
Gira	1176-00/01	[RLC] 50 - 420W
Gira INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast
Gira INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn
Hamilton	LEDIT-B100	5-100W,LED, Trailing
Hamilton	LEDIT-B100	5-100W,LED, Leading
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	127ILEDDE	[LED] 3 - 100W - Push (3wire)
Jung INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast
Jung INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn
Klik aan Klik uit	AWMD-250	[LED] 3 - 24W
Legrand	67083	[RLC] 3 - 400W
Legrand	L4402N	[R] 60-500W
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 - 200W(RC) 4-400W(RL)
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
MK - Electric	K1535	[R] 65 - 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 - 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 - 100 VA
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn
Osram	HALOTRONIC HTI DALI 315 DIM	3W-200W, LED,Trailing
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 - 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing
VADSBO	VD300	[LED] 0 - 300VA - Turn
VADSBO	LDN200	0-200W,LED
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing
Varilight	HQ3W	[R] 60-400W
Varilight	MJP120	0-120W,LED
Varilight	JQP401W	0-120W,LED
Vimar	20148	[RL] 500W
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing
Zano	ZMO150	0W-150W, LED,Rot

LED Spot								
LED CLA 60W R50 E14 WW 36D RF D SRT4 9290018912 LED CLA 60W R50 E14 WW 36D RF 1PF/10 9290018912 LED CLA 60W R63 E27 WW 36D RF D SRT4 9290018914			LED 25W G9 WW 230V Dim SRT6 9290023899 LED 25W G9 WW 230V Dim SRT6 UK 9290023899			LED 40W G9 WW 230V Dim SRT6 9290023900		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-15	97% - 0%		1-20	95% - 0%		1-15	93% - 0%	
	N.A.	N.A.	1-20	95% - 0%		1-15	93% - 68%	
1-15	97% - 0%		1-20	94% - 0%		1-15	92% - 0%	
1-15	97% - 0%		2-20	94% - 0%		1-15	93% - 0%	
1-15	98% - 0%		1-20	96% - 0%		1-15	94% - 0%	
1-15	98% - 0%		1-20	93% - 0%		1-15	92% - 0%	
			1-20	97% - 0%				
1-15	97% - 0%		1-20	79% - 0%		1-15	81% - 0%	
1-15	97% - 0%		1-20	90% - 0%		1-15	90% - 0%	
1-15	96% - 0%		1-20	93% - 0%		1-15	92% - 0%	
1-15	97% - 0%		1-20	93% - 0%		1-15	92% - 0%	
1-20	99% - 0%		1-20	99% - 2%		1-20	99% - 1%	
1-15	99% - 0%		1-16	99% - 0%		1-20	99% - 0%	
1-15	96% - 0%		1-20	89% - 0%		1-15	89% - 0%	
1-15	97% - 0%		1-20	87% - 0%		1-15	87% - 0%	
1-15	97% - 0%		1-20	87% - 0%		1-15	87% - 0%	
1-15	96% - 0%		1-20	86% - 0%		1-15	87% - 0%	
1-15	96% - 0%		1-20	84% - 0%		1-15	85% - 0%	
1-15	95% - 0%		1-20	91% - 0%		1-15	90% - 0%	
1-20	98% - 0%		1-20	90% - 2%		1-20	98% - 1%	
1-15	99% - 0%		1-16	99% - 0%		1-20	99% - 0%	
1-15	96% - 0%		1-20	89% - 0%		1-15	89% - 0%	
1-5	96% - 0%		1-8	83% - 0%		1-5	84% - 0%	
1-15	96% - 0%		1-20	89% - 0%		1-15	89% - 0%	
1-15	98% - 0%		1-20	79% - 0%		1-15	91% - 0%	
1-20	98% - 0%		1-20	98% - 0%		1-20	99% - 0%	
1-20	99% - 0%		1-20	99% - 0%		1-20	99% - 0%	
1-15	97% - 0%		1-20	94% - 0%		1-15	87% - 0%	
1-15	95% - 0%		1-20	94% - 0%		1-15	87% - 0%	
1-15	95% - 0%		1-20	96% - 0%		1-15	85% - 0%	
1-15	97% - 0%		1-20	85% - 0%		1-15	90% - 0%	
1-15	98% - 0%		1-20	79% - 0%		1-15	91% - 0%	
	N.A.	N.A.	1-20	95% - 0%		1-15	93% - 68%	
1-5	95% - 0%		1-9	79% - 0%		1-5	91% - 31%	
1-15	97% - 0%		1-20	85% - 0%		1-15	97% - 0%	
	N.A.	N.A.	1-20	90% - 0%		1-15	85% - 0%	
1-15	99% - 0%		1-16	99% - 0%		1-20	99% - 0%	
1-15	96% - 0%		1-20	89% - 0%		1-15	89% - 0%	
1-5	96% - 0%		1-8	83% - 0%		1-5	87% - 0%	
1-15	89% - 0%		1-20	96% - 0%		1-15	85% - 0%	
2-15	97% - 0%		1-20	85% - 0%		1-15	90% - 0%	
1-10	96% - 0%		1-14	96% - 0%		1-11	95% - 0%	
1-15	99% - 0%		2-20	92% - 0%		2-16	99% - 0%	
1-15	96% - 0%		1-20	82% - 0%		1-15	90% - 0%	
1-15	97% - 0%		1-20	94% - 10%		1-15	88% - 8%	
1-15	97% - 0%		1-20	94% - 10%		1-15	88% - 8%	
1-20	98% - 0%		1-20	92% - 2%		1-20	98% - 1%	
1-10	96% - 0%		1-20	88% - 0%		1-15	89% - 0%	
1-15	98% - 0%		1-20	93% - 0%		1-15	92% - 0%	
1-15	99% - 0%		1-20	100% - 0%		1-20	99% - 0%	
1-15	97% - 0%		1-20	85% - 0%			N.A.	N.A.
1-15	96% - 0%		1-20	89% - 0%		1-15	89% - 0%	
1-15	99% - 0%		1-16	99% - 0%		1-20	99% - 0%	
1-8	96% - 0%		1-8	83% - 0%		1-5	86% - 0%	
1-20	99% - 0%		1-20	99% - 2%		1-20	99% - 1%	
1-10	96% - 0%		1-20	94% - 0%		1-15	88% - 0%	
1-20	99% - 0%		1-20	98% - 0%		1-20	99% - 0%	
1-20	98% - 0%		1-20	89% - 2%		1-20	98% - 1%	
2-15	96% - 0%		1-20	94% - 0%		1-15	88% - 0%	
1-20	99% - 0%		1-20	97% - 0%		1-20	99% - 0%	
1-20	99% - 0%		1-20	91% - 2%		1-20	99% - 1%	
1-15	96% - 0%		1-20	81% - 0%		1-15	90% - 0%	
1-15	96% - 0%		1-20	83% - 0%		1-15	89% - 0%	
1-15	96% - 0%		1-20	96% - 0%		1-15	93% - 0%	
1-15	96% - 0%		1-20	85% - 0%		1-15	93% - 0%	
1-11	98% - 0%			N.A.	N.A.	1-12	95% - 0%	
3-15	97% - 0%		1, 4-11	98% - 0%		3-20	90% - 0%	4-5
1-15	99% - 0%		10-11	99% - 0%		3-20	99% - 0%	
1-20	99% - 0%		1-20	99% - 0%		1-20	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 – 360W - Turn
Berker INSTA	2973	[LED, R, L, C] 3 – 60W - Turn
Bticino Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 – 75W - Tast
Busch Jaeger ABB	2250 U	[R] 60 – 600W - Turn
Busch Jaeger ABB	6513 U - 102	[RC] 40 – 420W - Turn
Busch Jaeger ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Leading
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 - 100W - Turn- Trailing
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Leading
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 - 400W - Turn- Trailing
ELKO EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W
SE LK Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider
SE LK Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider
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
Eitako	DL-PD-300W-RLC (33000009) Universal	10-300W, LED, Trailing
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Feller Schneider	40300 (SBD315)	[RLC] 300W
Feller Schneider	40200 LED.EB (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
Gira	1176-00/01	[RLC] 50 – 420W
Gira INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast
Gira INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn
Hamilton	LEDIT-B100	5-100W,LED, Trailing
Hamilton	LEDIT-B100	5-100W,LED, Leading
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	1271LEDDE	[LED] 3 – 100W - Push (3wire)
Jung INSTA	1711DE	[LED, R, L, C] 3 - 100W/200W- Tast
Jung INSTA	1730DD	[LED, R, L, C] 3 - 60W - Turn
Klik aan Klik uit	AWMD-250	[LED] 3 – 24W
Legrand	67083	[RLC] 3 – 400W
Legrand	L4402N	[R] 60– 500W
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
Niko	310-02901	[LED, R, L, C] 3 - 200W - Tast
Niko	310-03901	[LED, R, L, C] 3 - 200W - Turn
Osram	HALOTRONIC HTI DALI 315 DIM	3W-200W, LED,Trailing
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing
VADSBO	VD300	[LED] 0 - 300VA - Turn
VADSBO	LDN200	0-200W,LED
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing
Varilight	HQ3W	[R] 60-400W
Varilight	MJP120	0-120W,LED
Varilight	JQP401W	0-120W,LED
Vimar	20148	[RL] 500W
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Leading
Vimar	Universal dimmer 20136.1	[LED] 3 - 200W - Turn- Trailing
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing
Zano	ZMO150	0W-150W, LED,Rot

LED Capsule					
LED 25W G9 WW 230V Dim SRT6 9290037911 LED 25W G9 WW 230V Dim SRT6 UK 9290037911			LED 40W G9 WW 230V Dim SRT6 9290037912		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-20	100%-0%		1-18	98%-0%	
1-20	86%-0%		1-15	98%-0%	
1-20	89%-0%		1-19	99%-0%	
1-20	99%-0%		1-20	99%-0%	
1-20	93%-0%		1-20	97%-0%	
1-20	92%-0%		1-20	99%-0%	
1-20	93%-0%		1-20	99%-0%	
1-20	92%-0%			N.A.	N.A.
1-20	95%-0%			N.A.	N.A.
1-20	93%-0%			N.A.	N.A.
1-20	93%-0%			N.A.	N.A.
1-20	100%-0%		1-20	100%-0%	
1-20	96%-0%		1-20	99%-0%	
1-20	95%-0%		1-16	98%-0%	
1-20	98%-0%		1-20	98%-0%	
1-20	98%-0%		1-20	98%-0%	
1-20	95%-0%		1-20	91%-0%	
1-20	98%-0%		1-20	99%-0%	
1-20	90%-0%		1-20	99%-0%	
1-20	92%-0%		1-20	98%-0%	
1-20	96%-0%		1-20	99%-0%	
1-20	95%-0%		1-16	98%-0%	
1-20	100%-0%		1-5	99%-0%	
1-20	87%-0%		1-20	93%-0%	
1-20	86%-0%		1-20	99%-0%	
1-20	86%-0%		1-15	98%-0%	
1-20	95%-0%		1-20	99%-0%	
1-20	89%-0%		1-20	99%-0%	
1-20	100%-0%		1-15	99%-0%	
1-20	100%-0%		1-20	99%-0%	
1-20	88%-0%		1-20	90%-0%	
1-20	92%-0%		1-20	94%-0%	
1-20	86%-0%		1-20	99%-0%	
1-20	90%-0%		1-15	98%-0%	
1-8	90%-0%		1-6	99%-0%	
1-20	94%-0%		1-20	99%-0%	
	N.A.	N.A.		N.A.	N.A.
1-20	96%-0%		1-20	99%-0%	
1-20	95%-0%		1-16	98%-0%	
1-8	100%-0%		1-5	99%-0%	
1-20	98%-0%		1-20	99%-0%	
	N.A.	N.A.	1-13	78%-0%	
1-10	89%-0%		1-9	96%-0%	
	N.A.	N.A.	1-20	92%-0%	
1-20	100%-0%		1-20	99%-0%	
	N.A.	N.A.		0%-86%	98%-0%
1-20	88%-0%		1-20	98%-0%	
1-20	81%-0%		1-15	99%-0%	
1-20	92%-0%		1-20	99%-0%	
5-20	77%-1%		1-5 max	80%-5%	
1-20	100%-0%		1-20	99%-0%	
1-20	100%-0%		1-16	98%-0%	
1-20	96%-0%		1-20	99%-0%	
1-8	100%-0%		1-5	99%-0%	
1-20	100%-0%		1-20	100%-0%	
1-20	92%-0%		1-20	98%-0%	
1-20	95%-0%		1-20	98%-0%	
1-20	100%-0%		1-20	96%-0%	
1-20	89%-0%		1-20	96%-0%	
1-20	98%-0%		1-20	99%-0%	
1-20	80%-0%		1-20	89%-0%	
1-20	98%-0%		1-20	95%-0%	
1-20	95%-0%		1-20	93%-0%	
1-20	97%-0%		1-20	99%-0%	
1-20	87%-0%		1-20	99%-0%	
1-20	95%-0%		1-20	99%-1%	
1-20	76%-0%		1-20	98%-0%	
1-20	88%-0%		1-20	98%-0%	
1-20	95%-0%		1-20	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.
(Red)	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 – 360W - Turn
Berker INSTA	2973	[LED, R, L, C] 3 – 60W - Turn
Bticino Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 – 75W - Tast
Busch Jaeger ABB	2250 U	[R] 60 – 600W - Turn
Busch Jaeger ABB	6513 U - 102	[RC] 40 – 420W - Turn
Busch Jaeger ABB	6523 U	[LED] 2 – 100 VA-LED - Turn
Busch Jaeger ABB	6526 U	[LED] 2 – 100 VA-LED - Push (2wire)
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 – 100W - Turn- Leading
Busch Jaeger ABB	6523 U-102	[LED, R, L, C] 2 – 100W - Turn- Trailing
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 – 400W - Turn- Leading
Busch Jaeger ABB	6523 UR-103	[LED, R, L, C] 2 – 400W - Turn- Trailing
ELKO EKO	EKO07-146/-147/-148/-149/-150/EKO30195	0-200W,LED,Trailing
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
ELKO Schneider	SBD315RC (315 GLE)	[RC] 315W
SE LK Schneider	LK FUGA LED-S 120VA (506Dx219)	[LED, RL] 4 - 120W - Slider
SE LK Schneider	LK OPUS 66 LED-S 120VA (506Nx219)	[LED, RL] 4 - 120W - Slider
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
Eitako	DL-PD-300W-RLC (33000009) Universal	10-300W, LED, Trailing
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Feller Schneider	40300 (SBD315)	[RLC] 300W
Feller Schneider	40200 LED.EB (CCT99100)	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
Gira	1176-00/01	[RLC] 50 – 420W
Gira INSTA	5401 00	[LED, R, L, C] 3 – 100W/200W- Tast
Gira INSTA	2450 00	[LED, R, L, C] 3 – 60W - Turn
Hamilton	LEDIT-B100	5-100W,LED, Trailing
Hamilton	LEDIT-B100	5-100W,LED, Leading
Hager	EVN 011	[RC] 300VA
Hager	EVN 012	[RC] 300W
Hager	EVN 004	[RL] 500VA
Jung	127ILEDDE	[LED] 3 – 100W - Push (3wire)
Jung INSTA	1711DE	[LED, R, L, C] 3 – 100W/200W- Tast
Jung INSTA	1730DD	[LED, R, L, C] 3 – 60W - Turn
Klik aan Klik uit	AWMD-250	[LED] 3- 24W
Legrand	67083	[RLC] 3 – 400W
Legrand	L4402N	[R] 60-500W
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC] 4 – 200W(RC) 4-400W(RL)
Merten Schneider	SBD315RC (MEG5136-0000)	[RC] 315W
Merten Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
MK - Electric	K1535	[R] 65 – 450 W - Turn
MK - Electric	K1501 WHILV	[R] 60 – 500 W - Turn
MK - Electric	K4501 WHILV	[RLC] 180W
MK - Electric	K4500 WHILV	[RLC] 400W
NIKO	310-0280X	[LED] 2 – 100 VA
Niko	310-02901	[LED, R, L, C] 3 – 200W - Tast
Niko	310-03901	[LED, R, L, C] 3 – 200W - Turn
Osram	HALOTRONIC HTI DALI 315 DIM	3W-200W, LED,Trailing
PEHA	431HAN	[RL] 6-120W [LED] 6-60W
Philips	UID8670	[LED] 2 – 100 VA-LED - Push (3wire)
RELCO	RP0977	[LED] 4-100W
RELCO	RM0545	[LED] 4-100W
Schneider	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
Schneider	SBD200 (WDE 002299)	[] 4-400VA - Turn Universal (2wire)
Schneider	SAE dimmer puck CCT99100	[LED, RL, RC] 4 – 20VA RL LED / 4 – 100VA RC LED
Schneider	WDE006910/WDE002306	0-200W,LED,Trailing
VADSBO	VD300	[LED] 0 – 300VA - Turn
VADSBO	LDN200	0-200W,LED
VADSBO	VD200	[RLC] LEDs from 1-200VA, Trailing
Varilight	HQ3W	[R] 60-400W
Varilight	MJP120	0-120W,LED
Varilight	JQP401W	0-120W,LED
Vimar	20148	[RL] 500W
Vimar	Universal dimmer 20135.1	[LED] 3 – 200W - Tast
Vimar	Universal dimmer 20136.1	[LED] 3 – 200W - Turn- Leading
Vimar	Universal dimmer 20136.1	[LED] 3 – 200W - Turn- Trailing
Philips Dynalite	DDLE801	(100W per channel)
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-leading
Philips Dynalite	DDMC802 (913703243509)	(x W per channel)-Trailing
Zano	ZMO150	0W-150W, LED,Rot

LED Spot								
LED 150W R7S 118mm WH D SRT4 9290020166 LED 150W R7S 118mm CW D 1PF SRT4 9290020167			LED 120W R7S 118mm WH D SRT4 9290013536 LED 120W R7S 118mm WH D RF 1PF/12 9290013536 LED 120W R7S 118mm CW D 1PF SRT4 9290013537			LED 100W R7S 118mm WH D SRT4 9290012437 LED 100W R7S 118mm CW D 1PF SRT4 9290012438		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1	99% - 15%		1-5	95% - 2%		1-5	95% - 2%	
1-3	98% - 10%		1-3	94% - 0%		1-3	94% - 0%	
(Red)	N.A.	N.A.	1-5	93% - 0%		1-5	93% - 0%	
1-7	97% - 0%		1-8	94% - 0%		1-8	94% - 0%	
1-7	96% - 17%		1-8	98% - 6%		1-8	98% - 6%	
1-2	96% - 25%		1-5	93% - 7%		1-5	93% - 7%	
1-6	98% - 0%		(Red)	N.A.	N.A.	1-8	100%-0%	
1-6	97% - 10%		1-5	94% - 0%		1-5	94% - 0%	
1-6	97% - 3%		1-5	93% - 0%		1-5	93% - 0%	
1-20	95% - 1%		1-8	92% - 0%		1-8	92% - 0%	
1-20	95% - 1%		1-8	93% - 0%		1-8	93% - 0%	
1-20	99% - 9%		1-20	99% - 1%		1-20	98% - 1%	
1-5	99% - 16%		1-6	98% - 3%		1-6	98% - 3%	
1-4	95% - 3%		1-5	97% - 0%		1-5	97% - 0%	
1-7	98% - 16%		1-8	93% - 0%		1-8	93% - 0%	
1-7	98% - 16%		1-8	93% - 0%		1-8	93% - 0%	
1-5	96% - 1%		1-5	93% - 0%		1-5	93% - 0%	
1-11	98% - 0%		1-8	95% - 0%		1-8	95% - 0%	
1-11	98% - 5%		1-8	93% - 0%		1-8	93% - 0%	
1-20	99% - 0%		1-20	99% - 0%		1-20	97% - 0%	
1-5	99% - 16%		1-6	98% - 3%		1-6	98% - 3%	
1-4	95% - 3%		1-5	97% - 0%		1-5	97% - 0%	
1	98% - 15%		1-1	94% - 0%		1-1	94% - 0%	
1-5	97% - 24%		1-6	93% - 0%		1-6	93% - 0%	
1-6	96% - 7%		1-5	93% - 0%		1-5	93% - 0%	
1-9	98% - 11%		1-20	98% - 0%		1-20	99% - 1%	
1-20	98% - 0%		1-20	95% - 0%		1-20	97% - 0%	
1-8	99%-1%		1	97% - 0%		1-8	100%-0%	
1-3	95% - 30VA		1-3	97% - 0%		1-3	97% - 0%	
1-6	96% - 1%		1-5	93% - 0%		1-5	93% - 0%	
1-6	98% - 5%		1-5	93% - 0%		1-5	93% - 0%	
1-6	98% - 10%		1-5	93% - 0%		1-5	93% - 0%	
1-6	96% - 7%		1-5	93% - 0%		1-5	93% - 0%	
1-3	98% - 10%		1-3	94% - 0%		1-3	94% - 0%	
1	97% - 29%		1-2	93% - 0%		1-2	93% - 0%	
1-5	97% - 4%		1-5	93% - 0%		1-5	93% - 0%	
1-6	98% - 44%		1-5	93% - 0%		1-5	93% - 0%	
1-5	99% - 16%		1-5	98% - 3%		1-5	98% - 3%	
1-4	95% - 3%		1-5	97% - 0%		1-5	97% - 0%	
1	98% - 15%		1	94% - 0%		1	94% - 0%	
2-5	98% - 18%		1-5	94% - 4%		1-5	94% - 4%	
1-6	98% - 17%		1-5	95% - 11%		1-5	95% - 11%	
1-2	98% - 12%		1-3	100% - 1%		1-3	100% - 1%	
1-4	99% - 18%		1-5	99% - 8%		1-5	99% - 8%	
1-6	98% - 1%		1-5	97% - 0%		1-5	97% - 0%	
1-11	98% - 0%		1-8	93% - 0%		1-8	93% - 0%	
1-11	98% - 0%		1-8	93% - 0%		1-8	93% - 0%	
1-20	95% - 0%		1-20	99% - 0%		1-20	97% - 0%	
1-3	98% - 12%		1-3	93% - 0%		1-3	93% - 0%	
1-2	96% - 25%		1-5	93% - 0%		1-5	93% - 0%	
(Red)	N.A.	N.A.	(Red)	N.A.	N.A.	(Red)	N.A.	N.A.
(Red)	N.A.	N.A.	(Red)	N.A.	N.A.	(Red)	N.A.	N.A.
1-4	95% - 3%		1-5	97% - 0%		1-5	97% - 0%	
1-5	99% - 16%		1-6	98% - 3%		1-6	98% - 3%	
1	98% - 15%		1	94% - 0%		1	94% - 0%	
1-20	99% - 9%		1-20	99% - 1%		1-20	98% - 1%	
1-3	98% - 0%		1-4	93% - 0%		1-4	93% - 0%	
1-13	96% - 0%		1-17	88% - 0%		1-19	97% - 0%	
1-20	97% - 0%		1-14	86% - 0%		1-17	96% - 0%	
1-5	98% - 18%		1-5	94% - 20%		1-5	94% - 20%	
1-20	98% - 0%		1-20	94% - 0%		1-20	97% - 0%	
1-20	96% - 0%		1-20	99% - 0%		1-20	97% - 0%	
1-6	98% - 20%		1-5	93% - 0%		1-5	93% - 0%	
1-11	98% - 29%		1-8	93% - 0%		1-8	93% - 0%	
1-11	99% - 1%		1-8	93% - 0%		1-8	93% - 0%	
1-11	98% - 0%		1-5	95% - 0%		1-5	95% - 0%	
1-3	98% - 0%		1-3	100% - 0%		1-3	100% - 0%	
4-5	99% - 0%		2	99% - 0%		2	99% - 0%	
2-5	99% - 0%		1-7	99% - 0%		1-7	99% - 0%	
1-15	96% - 0%		1-20	93% - 0%		1-20	99% - 0%	

Notes:

- #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.