

# 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

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Brand / Type	Load
Berker  INSTA 286710 [RC]	20 – 360 W - Turn
Berker  INSTA 283010 [R]	60 – 400 W - Turn
Bticino L4407	60 – 250 W
Busch Jaeger  ABB 2200 U - 503 [R]	60 – 400 W - Turn
Busch Jaeger  ABB 2247 U [RL]	20 – 500 W - Turn
Busch Jaeger  ABB 2250 U [R]	60 – 600 W - Turn
Busch Jaeger  ABB 6513 U - 102 [RC]	40 – 420 W - Turn
Busch Jaeger  ABB 6523 U [LED]	2 – 100 VA-LED - Turn
Busch Jaeger  ABB 6526 U [LED]	2 – 100 VA-LED - Push (2wire)
ELKO  Schneider SBD200LED (CCTEL10501) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
ELKO  Schneider SBD315RC (315 GLE ) [RC]	315W
ELKO  Schneider SBD420RCRL (CCTEL13011) [RLC]	420W
Eitako EVD61NPN-UC	400W 3-wire Push Module
Feller  Schneider 40200 (SBD200LED CCTCH10601) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
Feller  Schneider 40300 (SBD315) [RLC]	300W
Feller  Schneider 40420 (SBD420) [RLC]	420W
GIRA 1176-00/01 [RLC]	50 – 420W
GIRA 2390 00/ 100 [LED]	7 – 100W - Push (3wire)
Hager EVN 011 [RC]	300VA
Hager EVN 012 [RC]	300W
Hager EVN 004 [RL]	500VA
Jung 225 TDE [RC]	20 – 525 W - Turn
Jung 1271LEDDE [LED]	3 – 100W - Push (3wire)
Klik aan Klik uit AWMD-250 [LED]	3 – 24W
Klik aan Klik uit ACM 300	300W - 3-wire Push LED Dimmer
Legrand 774161 [RL]	40 – 400 W - Turn
Legrand 78401 [RLC]	40 – 500W
Legrand 67081 [RL]	40 – 400 W - Turn
Legrand 67082 [RL]	40 – 600 W - Turn
Legrand 67083 [RLC]	3 – 400W
Legrand 67084 [RLC]	8 – 300 VA - Push LED (3wire)
Legrand 67085 (078406) [RLC]	8 – 300 VA - Push LED (3wire)
Legrand L4402N [R]	60 – 500W
Merten  Schneider SBD200LED (MEG5134-0000) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
Merten  Schneider SBD315RC (MEG5136-0000) [RC]	315W
Merten  Schneider SBD420RCRL (MEG5138-0000) [RLC]	20 – 420 VA
MK - Electric K1535 [R]	65 – 450 W - Turn
MK - Electric K1501 WHILV [R]	60 – 500 W - Turn
MK - Electric K4501 WHILV [RLC]	180W
MK - Electric K4500 WHILV [RLC]	400W
NIKO 310-0280X [LED]	2 – 100 VA
PEHA 431HAN [RL]	6 – 120W [LED] 6 – 60W
Philips UID8670 [LED]	2 – 100 VA-LED - Push (3wire)
RELCO RPO977 [LED]	4-100W
RELCO RMO545 [LED]	4-100W
Schneider SBD315RC (SBD 315, SDD 315) [RC]	315W
Schneider SBD315RC (ATD315)(CCT011533) [RC]	315W
Schneider SBD200 (WDE 002299)	4 – 400VA - Turn Universal (2wire)
Schneider SBD315RC (SBD 315) [RC]	315W
VADSBO ED 350 [RC]	50 – 350W
VADSBO DRS 315 [RC]	50 – 315W
VADSBO DU 250 [RC]	20 – 250W
Varilight HQ3W [R]	60-400W
Varilight ICT401 M [RC]	20-400W
Vimar 20148 [RL]	500W
Vimar 14153 [R]	
Vimar 20160 [RC]	
Vimar 20162 [RL]	40 – 300W
IKEA E0902 - Dim [R]	25 – 150W

Classic LED bulbs								
LED 40W A60 B22 WW CL WGD 9290011506 LED 40W A60 E27 WW CL WGD 9290011508			LED 60W A60 B22 WW CL WGD 9290011507 LED 60W A60 E27 WW CL WGD 9290011509			LED 40W A60 E27 927 WGD 9290023922		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-3	87%-3%		1-3	98%-4%		2-14	99%-0%	
1-3	90%-3%		1-3	95%-3%		2-14	99%-0%	
	N.A.	N.A.		N.A.	N.A.			
1-3	93%-3%		1-3	94%-5%		2-14	99%-0%	
1-3	90%-3%		1-3	95%-3%		2-14	99%-0%	
1-3	92%-3%		1-3	95%-3%		2-14	99%-0%	
1-3	94%-8%		1-3	96%-5%		2-14	99%-0%	
1-3	86%-3%		1-3	89%-3%		2-14	99%-0%	
1-3	91%-4%		1-3	88%-5%				
1-3	88%-3%		1-3	90%-4%		2-14	99%-0%	
1-3	93%-3%		1-3	92%-3%		2-13	99%-0%	
1-3	89%-3%		1-3	95%-3%				
1-3	88%-3%		1-3	90%-4%		2-14	99%-0%	
1-3	93%-3%		1-3	92%-3%				
1-3	89%-3%		1-3	95%-3%				
1-3	93%-5%		1-3	88%-5%				
1-3	86%-3%		1-3	91%-3%		2-14	97%-0%	
1-3	98%-3%		1-3	93%-3%				
1-3	98%-3%		1-3	93%-3%				
1-3	98%-3%		1-3	93%-3%				
1-3	93%-3%		1-3	96%-5%		2-14	99%-0%	
1-3	87%-7%		1-3	91%-7%		2-14	97%-0%	
1-3	82%-4%		1-3	83%-5%				
		N.A.		N.A.	N.A.		N/A	N/A
1-3	96%-3%		1-3	93%-3%				
	N.A.	N.A.		N.A.	N.A.			
	N.A.	N.A.		N.A.	N.A.			
	N.A.	N.A.	1-3	90%-3%				
1-3	95%-3%		1-3	95%-3%		8-14	99%-0%	N/A
1-3	88%-17%		1-3	95%-3%		2-14	97%-0%	
	N.A.	N.A.	2-3	83%-5%				
1-3	88%-3%		1-3	90%-4%		2-14	99%-0%	
1-3	93%-3%		1-3	92%-3%		2-13	99%-0%	
1-3	89%-3%		1-3	95%-3%		2-14	99%-0%	N/A
	N.A.	N.A.	1-3	80%-3%		2-14	98%-0%	
1-3	85%-3%		1-3	90%-3%		2-14	96%-0%	N/A
1-3	88%-3%		1-3	83%-3%				
1-3	88%-3%		1-3	85%-3%				
1-3	98%-4%		1-3	95%-5%				
1-3	88%-4%		1-3	83%-5%				
1-3	86%-3%		1-3	89%-3%		2-14	99%-0%	
						2-12	99%-0%	
						2-14	99%-0%	
1-3	93%-3%		1-3	92%-3%		2-13	99%-0%	
1-3	93%-3%		1-3	92%-3%		2-13	99%-0%	
1-3	88%-3%		1-3	90%-4%				
1-3	93%-3%		1-3	90%-4%		2-13	99%-0%	
1-3	91%-5%		1-3	85%-5%				
	N.A.	N.A.	1-3	93%-3%	<2			
1-3	88%-3%	<4	1-3	83%-3%	<4			
1-3	92%-3%		1-3	99%-3%		2-14	99%-0%	
	N.A.	N.A.		N.A.	N.A.	2-14	99%-0%	
1-3	98%-3%		1-3	98%-3%				
	N.A.	N.A.	1-3	93%-3%	<4			
	N.A.	N.A.		N.A.	N.A.	2-12	99%-0%	
1-3	91%-1%		1-3	93%-1%		2-5	74%-0%	

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Bticino L4407	60 – 250 W
Busch Jaeger  ABB 2200 U - 503 [R]	60 – 400 W - Turn
Busch Jaeger  ABB 2247 U [RL]	20 – 500 W - Turn
Busch Jaeger  ABB 2250 U [R]	60 – 600 W - Turn
Busch Jaeger  ABB 6513 U - 102 [RC]	40 – 420 W - Turn
Busch Jaeger  ABB 6523 U [LED]	2 – 100 VA-LED - Turn
Busch Jaeger  ABB 6526 U [LED]	2 – 100 VA-LED - Push (2wire)
ELKO   Schneider SBD200LED (CCTEL10501) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
ELKO   Schneider SBD315RC (315 GLE ) [RC]	315W
ELKO   Schneider SBD420RCRL (CCTEL13011) [RLC]	420W
Eitako EVD61NPN-UC	400W 3-wire Push Module
Feller   Schneider 40200 (SBD200LED CCTCH10601) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
Feller   Schneider 40300 (SBD315) [RLC]	300W
Feller   Schneider 40420 (SBD420) [RLC]	420W
GIRA 1176-00/01 [RLC]	50 – 420W
GIRA 2390 00/ 100 [LED]	7 – 100W - Push (3wire)
Hager EVN 011 [RC]	300VA
Hager EVN 012 [RC]	300W
Hager EVN 004 [RL]	500VA
Jung 225 TDE [RC]	20 – 525 W - Turn
Jung 1271LEDDE [LED]	3 – 100W - Push (3wire)
Klik aan Klik uit AWMD-250 [LED]	3 – 24W
Klik aan Klik uit ACM 300	300W - 3-wire Push LED Dimmer
Legrand 774161 [RL]	40 – 400 W - Turn
Legrand 78401 [RLC]	40 – 500W
Legrand 67081 [RL]	40 – 400 W - Turn
Legrand 67082 [RL]	40 – 600 W - Turn
Legrand 67083 [RLC]	3 – 400W
Legrand 67084 [RLC]	8 – 300 VA - Push LED (3wire)
Legrand 67085 (078406) [RLC]	8 – 300 VA - Push LED (3wire)
Legrand L4402N [R]	60 – 500W
Merten   Schneider SBD200LED (MEG5134-0000) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
Merten   Schneider SBD315RC (MEG5136-0000) [RC]	315W
Merten   Schneider SBD420RCRL (MEG5138-0000) [RLC]	20 – 420 VA
MK - Electric K1535 [R]	65 – 450 W - Turn
MK - Electric K1501 WHILV [R]	60 – 500 W - Turn
MK - Electric K4501 WHILV [RLC]	180W
MK - Electric K4500 WHILV [RLC]	400W
NIKO 310-0280X [LED]	2 – 100 VA
PEHA 431HAN [RL]	6 – 120W [LED] 6 – 60W
Philips UID8670 [LED]	2 – 100 VA-LED - Push (3wire)
RELCO RPO977 [LED]	4-100W
RELCO RMO545 [LED]	4-100W
Schneider SBD315RC (SBD 315, SDD 315) [RC]	315W
Schneider SBD315RC (ATD315)(CCT011533) [RC]	315W
Schneider SBD200 (WDE 002299)	4 – 400VA - Turn Universal (2wire)
Schneider SBD315RC (SBD 315) [RC]	315W
VADSBO ED 350 [RC]	50 – 350W
VADSBO DRS 315 [RC]	50 – 315W
VADSBO DU 250 [RC]	20 – 250W
Varilight HQ3W [R]	60-400W
Varilight ICT401 M [RC]	20-400W
Vimar 20148 [RL]	500W
Vimar 14153 [R]	
Vimar 20160 [RC]	
Vimar 20162 [RL]	40 – 300W
IKEA E0902 - Dim [R]	25 – 150W

Classic LED bulbs								
LED 60W A60 E27 927 WGD 9290023923			LED 75W A60 E27 927 WGD 9290023924 LED 100W A60 E27 927 WGD 9290023925			LED classic 40W A60 E27 WGD90 9290020196 / LED classic 25W A60 E27 GOLD9290022238 LED classic 25W ST64 E27 GOLD 9290022239 / LED classic 25W G93 E27 GOLD 9290022240 LED classic 25W T32 E27 GOLD 9290022241 / LED classic 15W P45 E27 GOLD 9290022242 LED classic 15W B35 E14 GOLD 9290022243 / LED classic 15W P45 E14 GOLD 9290022244		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-5	99%-0%		1-5	95%-0%		1-3	87%-3%	
3-5	98%-0%		1-5	96%-0%		1-3	90%-3%	
							N.A.	N.A.
3-5	97%-0%		1-5	97%-0%		1-3	93%-3%	
1-5	99%-0%		1-5	96%-0%		1-3	90%-3%	
1-5	98%-0%		1-5	95%-0%		1-3	92%-3%	
1-5	99%-0%		1-5	97%-0%		1-3	94%-8%	
1-5	98%-0%		1-5	97%-0%		1-3	86%-3%	
						1-3	91%-4%	
3-5	99%-0%		1-5	95%-0%		1-3	88%-3%	
1-5	99%-0%		1-5	96%-0%		1-3	93%-3%	
						1-3	89%-3%	
3-5	99%-0%		1-5	95%-0%		1-3	88%-3%	
						1-3	93%-3%	
						1-3	89%-3%	
						1-3	93%-5%	
1-5	91%-0%		1-5	95%-0%		1-3	86%-3%	
						1-3	98%-3%	
						1-3	98%-3%	
						1-3	98%-3%	
1-5	99%-0%		1-5	95%-0%		1-3	93%-3%	
1-5	91%-0%		1-5	95%-0%		1-3	87%-7%	
						1-3	82%-4%	
	N/A	N/A	1-5	97%-0%				N.A.
						1-3	96%-3%	
							N.A.	N.A.
							N.A.	N.A.
							N.A.	N.A.
3-5	97%-0%	N/A			N/A	1-3	95%-3%	
1-5	99%-0%		1-5	97%-0%		1-3	88%-17%	
							N.A.	N.A.
3-5	99%-0%		1-5	95%-0%		1-3	88%-3%	
1-5	99%-0%		1-5	96%-0%		1-3	93%-3%	
2-5	98%-0%	N/A	1-5	96%-0%		1-3	89%-3%	
5	99%-0%		1-5	97%-0%			N.A.	N.A.
	98%-0%		1-5	95%-0%		1-3	85%-3%	
						1-3	88%-3%	
						1-3	88%-3%	
						1-3	98%-4%	
						1-3	88%-4%	
1-5	98%-0%		1-5	97%-0%		1-3	86%-3%	
1-5	99%-0%		1-5	95%-0%				
1-5	99%-0%		1-5	98%-0%				
1-5	99%-0%		1-5	96%-0%		1-3	93%-3%	
1-5	99%-0%		1-5	96%-0%		1-3	93%-3%	
						1-3	88%-3%	
						1-3	93%-3%	
						1-3	91%-5%	
							N.A.	N.A.
						1-3	88%-3%	<4
3-5	98%-0%		1-5	96%-0%		1-3	92%-3%	
1-3	96%-0%		1-5	96%-0%			N.A.	N.A.
						1-3	98%-3%	
							N.A.	N.A.
1-5	99%-0%		1-5	96%-0%			N.A.	N.A.
1-5	97%-0%		1-3	97%-0%		1-3	91%-1%	

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Classic LED bulbs								
LED classic 60W A60 E27 WGD90 9290020190 LED classic 60W ST64 E27 CL WGD90 9290020192 LED classic 60W G93 E27 CL WGD90 9290020194			LED classic 100W A67 E27 9290018829			LED classic 50W ST64 2000K 9290012289 / LED classic 50W G120 2000K 9290012291 LED classic 48W A60 FL 9290013329 / LED classic 50W ST64 2200K 9290018959 LED classic 50W G120 2200K 9290018961 / LED classic 50W A60 FL 9290019216 LED classic 50W G93 2200K 9290019352 / LED giant 25W G200 smoky dim 9290019031 LED giant 25W A160 smoky dim 9290019032 / LED giant 25W T65 smoky dim 9290019033		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-3	98%-4%		1-3	92%-14%		1-3	98%-3%	
1-3	95%-3%		1-3	98%-14%		2-3	97%-3%	
	N.A.	N.A.						
1-3	94%-5%		1-3	97%-7%		1-3	98%-8%	
1-3	95%-3%		1-3	98%-3%		1-3	98%-3%	
1-3	95%-3%		1-3	98%-15%		1-3	97%-3%	
1-3	96%-5%		1-3	96%-13%		1-3	99%-3%	
1-3	89%-3%		1-3	94%-19%		1-3	97%-3%	
1-3	88%-5%					1-3	93%-3%	
1-3	90%-4%		1-3	90%-15%		2-3	99%-3%	
1-3	92%-3%		1-3	90%-3%		2-3	98%-3%	
1-3	95%-3%		1-3	93%-15%			N.A.	N.A.
						1-3	91%-3%	
1-3	90%-4%		1-3	90%-15%		2-3	99%-3%	
1-3	92%-3%		1-3	90%-3%		2-3	98%-3%	
1-3	95%-3%		1-3	93%-15%			N.A.	N.A.
1-3	88%-5%					1-3	99%-3%	
1-3	91%-3%		1-3	97%5%				
1-3	93%-3%					1-3	92%-3%	
1-3	93%-3%					1-3	92%-3%	
1-3	93%-3%					1-3	92%-3%	
1-3	96%-5%		1-3	94%-16%		1-3	98%-3%	
1-3	91%-7%		1-3	97%-3%		1-3	97%-3%	
1-3	83%-5%					1-3	86%-4%	
						1-3	92%-3%	
	N.A.	N.A.		N.A.	N.A.	2-3	98%-3%	
1-3	93%-3%					1-3	91%-3%	
	N.A.	N.A.					N.A.	N.A.
	N.A.	N.A.				2-3	97%-3%	
1-3	90%-3%					1-3	90%-3%	
1-3	95%-3%		1-3	98%-4%		1-3	97%-3%	
1-3	95%-3%		1-3	94%-3%		1-3	97%-3%	
2-3	83%-5%					2-3	88%-3%	
1-3	90%-4%		1-3	90%-15%		2-3	99%-3%	
1-3	92%-3%		1-3	90%-3%		2-3	98%-3%	
1-3	80%-3%		1-3	84%-16%		2-3	93%-3%	
1-3	90%-3%		1-3	91%-8%		1-3	98%-3%	
1-3	83%-3%					1-3	98%-3%	
1-3	85%-3%					1-3	92%-3%	
1-3	95%-5%					1-3	91%-3%	
1-3	83%-5%					1-3	97%-3%	
						1-3	97%-3%	
			1-3	99%-23%		1-3	98%-3%	
			1-3	83%-6%		1-3	92%-3%	
1-3	92%-3%		1-3	90%-3%		2-3	98%-3%	
1-3	92%-3%		1-3	90%-3%		2-3	98%-3%	
1-3	90%-4%		1-3	90%-15%		2-3	99%-3%	
1-3	90%-4%		1-3	90%-3%		2-3	98%-3%	
1-3	85%-5%					1-3	98%-3%	
1-3	93%-3%	<2					N.A.	N.A.
1-3	83%-3%	<4				1-3	84%-3%	
1-3	99%-3%		1-3	96%-3%		2-3	97%-3%	
						1-3	75%-3%	
	N.A.	N.A.	1-3	97%-8%		1-3	98%-3%	
1-3	98%-3%					1-3	89%-3%	
1-3	93%-3%	<4				1-3	91%-3%	
	N.A.	N.A.	1-3	92%-3%		1-3	98%-3%	
1-3	93%-1%		1-3	92%-8%		1-3	98%-3%	

# Consumer LED Mains Voltage range

## Recommended dimmer compatibility list for Mains Voltage Lamps



### KEY

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

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

Brand / Type	Load
Berker  INSTA 286710 [RC]	20 – 360 W - Turn
Berker  INSTA 283010 [R]	60 – 400 W - Turn
Bticino L4407	60 – 250 W
Busch Jaeger  ABB 2200 U - 503 [R]	60 – 400 W - Turn
Busch Jaeger  ABB 2247 U [RL]	20 – 500 W - Turn
Busch Jaeger  ABB 2250 U [R]	60 – 600 W - Turn
Busch Jaeger  ABB 6513 U - 102 [RC]	40 – 420 W - Turn
Busch Jaeger  ABB 6523 U [LED]	2 – 100 VA-LED - Turn
Busch Jaeger  ABB 6526 U [LED]	2 – 100 VA-LED - Push (2wire)
ELKO  Schneider SBD200LED (CCTEL10501) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
ELKO  Schneider SBD315RC (315 GLE ) [RC]	315W
ELKO  Schneider SBD420RCRL (CCTEL13011) [RLC]	420W
Eltako EVD6INPN-UC	400W 3-wire Push Module
Feller  Schneider 40200 (SBD200LED CCTCH10601) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
Feller  Schneider 40300 (SBD315) [RLC]	300W
Feller  Schneider 40420 (SBD420) [RLC]	420W
GIRA 1176-00/01 [RLC]	50 – 420W
GIRA 2390 00/ 100 [LED]	7 – 100W - Push (3wire)
Hager EVN 011 [RC]	300VA
Hager EVN 012 [RC]	300W
Hager EVN 004 [RL]	500VA
Jung 225 TDE [RC]	20 – 525 W - Turn
Jung 127ILEDDE [LED]	3 – 100W - Push (3wire)
Klik aan Klik uit AWMD-250 [LED]	3 – 24W
Klik aan Klik uit ACM 300	300W - 3-wire Push LED Dimmer
Legrand 774161 [RL]	40 – 400 W - Turn
Legrand 78401 [RLC]	40 – 500W
Legrand 67081 [RL]	40 – 400 W - Turn
Legrand 67082 [RL]	40 – 600 W - Turn
Legrand 67083 [RLC]	3 – 400W
Legrand 67084 [RLC]	8 – 300 VA - Push LED (3wire)
Legrand 67085 (078406) [RLC]	8 – 300 VA - Push LED (3wire)
Legrand L4402N [R]	60 – 500W
Merten  Schneider SBD200LED (MEG5134-0000) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
Merten  Schneider SBD315RC (MEG5136-0000) [RC]	315W
Merten  Schneider SBD420RCRL (MEG5138-0000) [RLC]	20 – 420 VA
MK - Electric K1535 [R]	65 – 450 W - Turn
MK - Electric K1501 WHILV [R]	60 – 500 W - Turn
MK - Electric K4501 WHILV [RLC]	180W
MK - Electric K4500 WHILV [RLC]	400W
NIKO 310-0280X [LED]	2 – 100 VA
PEHA 431HAN [RL]	6 – 120W [LED] 6 – 60W
Philips UID8670 [LED]	2 – 100 VA-LED - Push (3wire)
RELCO RPO977 [LED]	4-100W
RELCO RMO545 [LED]	4-100W
Schneider SBD315RC (SBD 315, SDD 315) [RC]	315W
Schneider SBD315RC (ATD315)(CCT011533) [RC]	315W
Schneider SBD200 (WDE 002299)	4 – 400VA - Turn Universal (2wire)
Schneider SBD315RC (SBD 315) [RC]	315W
VADSBO ED 350 [RC]	50 – 350W
VADSBO DRS 315 [RC]	50 – 315W
VADSBO DU 250 [RC]	20 – 250W
Varilight HQ3W [R]	60-400W
Varilight ICT401 M [RC]	20-400W
Vimar 20148 [RL]	500W
Vimar 14153 [R]	
Vimar 20160 [RC]	
Vimar 20162 [RL]	40 – 300W
IKEA E0902 - Dim [R]	25 – 150W

Classic LED bulbs								
LED classic-giant 40W G200 gold 9290018734 LED classic-giant 40W A160 gold 9290018735 LED classic-giant 40W T65 gold 9290018736			Bulb Mushroom 230V 5-30W 350lm 2200K E27 D 9290019356			LEDClassic 40W Diamond E27 2700K CL D 9290019357		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1-3	87%-15%		1-3	99%-3%		1-3	99%-3%	
1-2	93%-7%		2-3	99%-3%		2-3	99%-3%	
	N.A.	N.A.		N.A.	N.A.	2-3	82%-3%	
1-3	97%-13%		1-3	99%-7%		1-3	99%-8%	
1-3	92%-3%		1-3	99%-3%		2-3	99%-3%	
1-2	91%-12%		2-3	99%-3%		2-3	99%-3%	
1-3	92%-13%		1-3	99%-3%		1-3	99%-3%	
1-3	84%-16%		1-3	99%-3%		1-3	99%-3%	
1-3	98%-15%		1-3	99%-3%		1-3	99%-3%	
1-3	91%-16%			N.A.	N.A.	1-3	99%-3%	
1-3	91%-3%		2-3	99%-3%		2-3	99%-3%	
3	94%-17%			N.A.	N.A.		N.A.	N.A.
1-3	99%-7%		1-3	98%-3%		1-3	99%-3%	
1-3	91%-16%			N.A.	N.A.	1-3	99%-3%	
1-3	91%-3%		2-3	99%-3%		2-3	99%-3%	
3	94%-17%			N.A.	N.A.		N.A.	N.A.
1-3	98%-28%		1-3	99%-3%		1-3	99%-3%	
1-3	83%-4%		1-3	99%-3%		1-3	99%-3%	
1-3	99%-19%		1-3	99%-3%		1-3	99%-3%	
1-3	99%-19%		1-3	99%-3%		1-3	97%-3%	
1-3	99%-20%		1-3	99%-3%		1-3	99%-3%	
1-3	89%-17%		1-3	99%-3%		1-3	99%-3%	
1-3	83%-4%		1-3	99%-3%		1-3	99%-3%	
1-3	87%-30%			N.A.	N.A.	1-3	99%-4%	
1-3	90%-11%		2-3	98%-3%		2-3	99%-3%	
3	95%-9%			N.A.	N.A.	2-3	92%-3%	
1-3	97%-10%		1-3	98%-3%		1-3	97%-3%	
1-3	88%-6%		1-3	98%-3%		1-3	97%-3%	
2-3	92%-8%		1-3	98%-4%		2-3	99%-3%	
1-3	93%-3%		1-3	98%-3%		1-3	98%-3%	
2-3	85%-20%		2-3	98%-3%		2-3	97%-3%	
1-3	91%-16%			N.A.	N.A.	1-3	99%-3%	
1-3	91%-3%		2-3	99%-3%		2-3	99%-3%	
3	94%-17%			N.A.	N.A.		N.A.	N.A.
1	68%-12%		2-3	92%-3%		2-3	92%-3%	
1-2	84%-8%		1 or 3	99%-3%		1-3	99%-3%	
1-3	87%-12%		1-3	98%-3%		1-3	99%-3%	
1-3	88%-12%		1-3	98%-3%		1-3	98%-3%	
1-3	96%-2%		1-3	98%-3%		1-3	98%-3%	
1-3	89%-4%		1-3	97%-3%		1-3	98%-3%	
1-3	84%-16%							
1-3	98%-4%		1-3	99%-3%		1-3	99%-3%	
1-3	91%-10%		1-3	99%-3%		1-3	99%-3%	
1-3	91%-3%		2-3	99%-3%		2-3	99%-3%	
1-3	91%-3%		2-3	99%-3%		2-3	99%-3%	
1-3	91%-16%			N.A.	N.A.	1-3	99%-3%	
1-3	91%-3%		2-3	99%-3%		2-3	99%-3%	
1-3	93%-25%		1-3	98%-3%		1-3	97%-3%	
	N.A.	N.A.	3	98%-3%			N.A.	N.A.
1-3	89%-4%		1-3	91%-3%		1-3	91%-3%	
1-3	89%-5%		2-3	98%-3%		2-3	92%-3%	
1-3	88%-9%		2-3	87%-3%		1-3	93%-3%	
1-3	94%-8%		1-3	99%-3%	< 2	2-3	99%-3%	< 2
1-3	99%-4%		3	98%-3%		1-3	98%-3%	
1-3	99%-5%		1-3	99%-3%		1-3	99%-3%	
1-3	93%-5%		1-3	99%-3%	< 2	1-3	99%-3%	
1-3	92%-5%		1-3	98%-3%		2-3	99%-3%	



# Consumer LED Mains Voltage range

## Recommended dimmer compatibility list for Mains Voltage Lamps



### KEY

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

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Brand / Type	Load
Berker  INSTA 286710 [RC]	20 – 360 W - Turn
Berker  INSTA 283010 [R]	60 – 400 W - Turn
Bticino L4407	60 – 250 W
Busch Jaeger  ABB 2200 U - 503 [R]	60 – 400 W - Turn
Busch Jaeger  ABB 2247 U [RL]	20 – 500 W - Turn
Busch Jaeger  ABB 2250 U [R]	60 – 600 W - Turn
Busch Jaeger  ABB 6513 U - 102 [RC]	40 – 420 W - Turn
Busch Jaeger  ABB 6523 U [LED]	2 – 100 VA-LED - Turn
Busch Jaeger  ABB 6526 U [LED]	2 – 100 VA-LED - Push (2wire)
ELKO  Schneider SBD200LED (CCTEL10501) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
ELKO  Schneider SBD315RC (315 GLE ) [RC]	315W
ELKO  Schneider SBD420RCRL (CCTEL13011) [RLC]	420W
Eitako EVD61NPN-UC	400W 3-wire Push Module
Feller  Schneider 40200 (SBD200LED CCTCH10601) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
Feller  Schneider 40300 (SBD315) [RLC]	300W
Feller  Schneider 40420 (SBD420) [RLC]	420W
GIRA 1176-00/01 [RLC]	50 – 420W
GIRA 2390 00/ 100 [LED]	7 – 100W - Push (3wire)
Hager EVN 011 [RC]	300VA
Hager EVN 012 [RC]	300W
Hager EVN 004 [RL]	500VA
Jung 225 TDE [RC]	20 – 525 W - Turn
Jung 127ILEDDE [LED]	3 – 100W - Push (3wire)
Klik aan Klik uit AWMD-250 [LED]	3 – 24W
Klik aan Klik uit ACM 300	300W - 3-wire Push LED Dimmer
Legrand 774161 [RL]	40 – 400 W - Turn
Legrand 78401 [RLC]	40 – 500W
Legrand 67081 [RL]	40 – 400 W - Turn
Legrand 67082 [RL]	40 – 600 W - Turn
Legrand 67083 [RLC]	3 – 400W
Legrand 67084 [RLC]	8 – 300 VA - Push LED (3wire)
Legrand 67085 (078406) [RLC]	8 – 300 VA - Push LED (3wire)
Legrand L4402N [R]	60 – 500W
Merten  Schneider SBD200LED (MEG5134-0000) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
Merten  Schneider SBD315RC (MEG5136-0000) [RC]	315W
Merten  Schneider SBD420RCRL (MEG5138-0000) [RLC]	20 – 420 VA
MK - Electric K1535 [R]	65 – 450 W - Turn
MK - Electric K1501 WHILV [R]	60 – 500 W - Turn
MK - Electric K4501 WHILV [RLC]	180W
MK - Electric K4500 WHILV [RLC]	400W
NIKO 310-0280X [LED]	2 – 100 VA
PEHA 431HAN [RL]	6 – 120W [LED] 6 – 60W
Philips UID8670 [LED]	2 – 100 VA-LED - Push (3wire)
RELCO RPO977 [LED]	4-100W
RELCO RMO545 [LED]	4-100W
Schneider SBD315RC (SBD 315, SDD 315) [RC]	315W
Schneider SBD315RC (ATD315)(CCTO11533) [RC]	315W
Schneider SBD200 (WDE 002299)	4 – 400VA - Turn Universal (2wire)
Schneider SBD315RC (SBD 315) [RC]	315W
VADSBO ED 350 [RC]	50 – 350W
VADSBO DRS 315 [RC]	50 – 315W
VADSBO DU 250 [RC]	20 – 250W
Varilight HQ3W [R]	60-400W
Varilight ICT401 M [RC]	20-400W
Vimar 20148 [RL]	500W
Vimar 14153 [R]	
Vimar 20160 [RC]	
Vimar 20162 [RL]	40 – 300W
IKEA E0902 - Dim [R]	25 – 150W

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

# Consumer LED Mains Voltage range

## Recommended dimmer compatibility list for Mains Voltage Lamps



### KEY

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

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Brand / Type	Load
Berker  INSTA 286710 [RC]	20 – 360 W - Turn
Berker  INSTA 283010 [R]	60 – 400 W - Turn
Bticino L4407	60 – 250 W
Busch Jaeger  ABB 2200 U - 503 [R]	60 – 400 W - Turn
Busch Jaeger  ABB 2247 U [RL]	20 – 500 W - Turn
Busch Jaeger  ABB 2250 U [R]	60 – 600 W - Turn
Busch Jaeger  ABB 6513 U - 102 [RC]	40 – 420 W - Turn
Busch Jaeger  ABB 6523 U [LED]	2 – 100 VA-LED - Turn
Busch Jaeger  ABB 6526 U [LED]	2 – 100 VA-LED - Push (2wire)
ELKO  Schneider SBD200LED (CCTEL10501) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
ELKO  Schneider SBD315RC (315 GLE ) [RC]	315W
ELKO  Schneider SBD420RCRL (CCTEL13011) [RLC]	420W
Eitako EVD6INPN-UC	400W 3-wire Push Module
Feller  Schneider 40200 (SBD200LED CCTCH10601) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
Feller  Schneider 40300 (SBD315) [RLC]	300W
Feller  Schneider 40420 (SBD420) [RLC]	420W
GIRA 1176-00/01 [RLC]	50 – 420W
GIRA 2390 00/ 100 [LED]	7 – 100W - Push (3wire)
Hager EVN 011 [RC]	300VA
Hager EVN 012 [RC]	300W
Hager EVN 004 [RL]	500VA
Jung 225 TDE [RC]	20 – 525 W - Turn
Jung 127ILEDDE [LED]	3 – 100W - Push (3wire)
Klik aan Klik uit AWMD-250 [LED]	3 – 24W
Klik aan Klik uit ACM 300	300W - 3-wire Push LED Dimmer
Legrand 774161 [RL]	40 – 400 W - Turn
Legrand 78401 [RLC]	40 – 500W
Legrand 67081 [RL]	40 – 400 W - Turn
Legrand 67082 [RL]	40 – 600 W - Turn
Legrand 67083 [RLC]	3 – 400W
Legrand 67084 [RLC]	8 – 300 VA - Push LED (3wire)
Legrand 67085 (078406) [RLC]	8 – 300 VA - Push LED (3wire)
Legrand L4402N [R]	60 – 500W
Merten  Schneider SBD200LED (MEG5134-0000) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
Merten  Schneider SBD315RC (MEG5136-0000) [RC]	315W
Merten  Schneider SBD420RCRL (MEG5138-0000) [RLC]	20 – 420 VA
MK - Electric K1535 [R]	65 – 450 W - Turn
MK - Electric K1501 WHILV [R]	60 – 500 W - Turn
MK - Electric K4501 WHILV [RLC]	180W
MK - Electric K4500 WHILV [RLC]	400W
NIKO 310-0280X [LED]	2 – 100 VA
PEHA 431HAN [RL]	6 – 120W [LED] 6 – 60W
Philips UID8670 [LED]	2 – 100 VA-LED - Push (3wire)
RELCO RPO977 [LED]	4-100W
RELCO RMO545 [LED]	4-100W
Schneider SBD315RC (SBD 315, SDD 315) [RC]	315W
Schneider SBD315RC (ATD315)(CCT011533) [RC]	315W
Schneider SBD200 (WDE 002299)	4 – 400VA - Turn Universal (2wire)
Schneider SBD315RC (SBD 315) [RC]	315W
VADSBO ED 350 [RC]	50 – 350W
VADSBO DRS 315 [RC]	50 – 315W
VADSBO DU 250 [RC]	20 – 250W
Varilight HQ3W [R]	60-400W
Varilight ICT401 M [RC]	20-400W
Vimar 20148 [RL]	500W
Vimar 14153 [R]	
Vimar 20160 [RC]	
Vimar 20162 [RL]	40 – 300W
IKEA E0902 - Dim [R]	25 – 150W

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

# Consumer LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage Lamps



## KEY

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

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

Brand / Type	Load
Berker  INSTA 286710 [RC]	20 – 360 W - Turn
Berker  INSTA 283010 [R]	60 – 400 W - Turn
Bticino L4407	60 – 250 W
Busch Jaeger  ABB 2200 U - 503 [R]	60 – 400 W - Turn
Busch Jaeger  ABB 2247 U [RL]	20 – 500 W - Turn
Busch Jaeger  ABB 2250 U [R]	60 – 600 W - Turn
Busch Jaeger  ABB 6513 U - 102 [RC]	40 – 420 W - Turn
Busch Jaeger  ABB 6523 U [LED]	2 – 100 VA-LED - Turn
Busch Jaeger  ABB 6526 U [LED]	2 – 100 VA-LED - Push (2wire)
ELKO  Schneider SBD200LED (CCTEL10501) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
ELKO  Schneider SBD315RC (315 GLE ) [RC]	315W
ELKO  Schneider SBD420RCRL (CCTEL13011) [RLC]	420W
Eitako EVD61NPN-UC	400W 3-wire Push Module
Feller  Schneider 40200 (SBD200LED CCTCH10601) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
Feller  Schneider 40300 (SBD315) [RLC]	300W
Feller  Schneider 40420 (SBD420) [RLC]	420W
GIRA 1176-00/01 [RLC]	50 – 420W
GIRA 2390 00/ 100 [LED]	7 – 100W - Push (3wire)
Hager EVN 011 [RC]	300VA
Hager EVN 012 [RC]	300W
Hager EVN 004 [RL]	500VA
Jung 225 TDE [RC]	20 – 525 W - Turn
Jung 127ILEDDE [LED]	3 – 100W - Push (3wire)
Klik aan Klik uit AWMD-250 [LED]	3 – 24W
Klik aan Klik uit ACM 300	300W - 3-wire Push LED Dimmer
Legrand 774161 [RL]	40 – 400 W - Turn
Legrand 78401 [RLC]	40 – 500W
Legrand 67081 [RL]	40 – 400 W - Turn
Legrand 67082 [RL]	40 – 600 W - Turn
Legrand 67083 [RLC]	3 – 400W
Legrand 67084 [RLC]	8 – 300 VA - Push LED (3wire)
Legrand 67085 (078406) [RLC]	8 – 300 VA - Push LED (3wire)
Legrand L4402N [R]	60 – 500W
Merten  Schneider SBD200LED (MEG5134-0000) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
Merten  Schneider SBD315RC (MEG5136-0000) [RC]	315W
Merten  Schneider SBD420RCRL (MEG5138-0000) [RLC]	20 – 420 VA
MK - Electric K1535 [R]	65 – 450 W - Turn
MK - Electric K1501 WHILV [R]	60 – 500 W - Turn
MK - Electric K4501 WHILV [RLC]	180W
MK - Electric K4500 WHILV [RLC]	400W
NIKO 310-0280X [LED]	2 – 100 VA
PEHA 431HAN [RL]	6 – 120W [LED] 6 – 60W
Philips UID8670 [LED]	2 – 100 VA-LED - Push (3wire)
RELCO RPO977 [LED]	4-100W
RELCO RMO545 [LED]	4-100W
Schneider SBD315RC (SBD 315, SDD 315) [RC]	315W
Schneider SBD315RC (ATD315)(CCT011533) [RC]	315W
Schneider SBD200 (WDE 002299)	4 – 400VA - Turn Universal (2wire)
Schneider SBD315RC (SBD 315) [RC]	315W
VADSBO ED 350 [RC]	50 – 350W
VADSBO DRS 315 [RC]	50 – 315W
VADSBO DU 250 [RC]	20 – 250W
Varilight HQ3W [R]	60-400W
Varilight ICT401 M [RC]	20-400W
Vimar 20148 [RL]	500W
Vimar 14153 [R]	
Vimar 20160 [RC]	
Vimar 20162 [RL]	40 – 300W
IKEA E0902 - Dim [R]	25 – 150W

LED candle			Classic LED spot					
LED classic 40W B35 E14 WGD90 9290020180 LED classic 40W BA35 E14 WGD90 9290020183 LED classic 40W P45 E27 WGD90 9290020186 LED classic 40W P45 E14 WGD90 9290020188			LEDclassic 35W GU10 CRI90 WGD 9290020655			LEDclassic 50W GU10 CRI90 WGD 9290020657		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
2 - 10	94%- 3%		2 - 8	94%- 8%		2 - 8	92%- 3%	
2 - 10	97%- 3%		2 - 8	87%- 3%		2 - 8	93%- 3%	
				N.A.	N.A.		N.A.	N.A.
2 - 10	97%- 11%		2 - 8	86%- 4%		2 - 8	92%- 3%	
2 - 10	97%- 3%		2 - 8	86%- 3%		2 - 8	94%- 3%	
2 - 10	95%- 3%		2 - 8	89%- 3%		2 - 8	94%- 3%	
3 - 10	97%- 3%		2 - 8	96%- 4%		2 - 8	94%- 3%	
2 - 10	97%- 3%		2 - 8	89%- 3%		2 - 8	89%- 3%	
			2 - 20	93%- 3%		2 - 20	94%- 3%	
5 - 10	96%- 3%			N.A.	N.A.	2 - 8	92%- 3%	
5 - 10	97%- 3%		3 - 8	95%- 3%		2 - 8	92%- 3%	
	N.A.	N.A.		N.A.	N.A.	3 - 8	95%- 3%	
			2 - 20	99%- 3%		2 - 16	99%- 3%	
5 - 10	96%- 3%			N.A.	N.A.	2 - 8	92%- 3%	
5 - 10	97%- 3%		3 - 8	95%- 3%		2 - 8	92%- 3%	
	N.A.	N.A.		N.A.	N.A.	3 - 8	95%- 3%	
			2 - 20	93%- 3%		2 - 16	94%- 3%	
2 - 10	97%- 3%		2 - 8	91%- 3%				
			2 - 17	98%- 5%		2 - 12	99%- 3%	
			2 - 17	98%- 5%		2 - 12	99%- 3%	
			2 - 17	98%- 5%		2 - 20	97%- 3%	
2 - 10	94%- 3%		2 - 8	96%- 8%		2 - 8	91%- 3%	
2 - 10	95%- 3%		2 - 8	91%- 3%		2 - 8	91%- 3%	
			2 - 7	83%- 7%	<3	2 - 5	78%- 3%	
			2 - 17	80%- 3%		2 - 12	89%- 3%	
	N.A.	N.A.		N.A.	N.A.	2 - 8	94%- 3%	
			2 - 20	95%- 3%		2 - 16	94%- 3%	
				N.A.	N.A.	3 - 8	95%- 3%	
				N.A.	N.A.	3 - 8	94%- 3%	
			2 - 20	84%- 3%		2 - 16	81%- 3%	
2 - 10	97%- 3%		2 - 8	96%- 4%	<3	2 - 8	93%- 3%	
2 - 10	94%- 3%		2 - 8	99%- 3%		2 - 8	95%- 3%	
				N.A.	N.A.	3 - 20	78%- 3%	
5 - 10	96%- 3%			N.A.	N.A.	2 - 8	92%- 3%	
5 - 10	97%- 3%		3 - 8	95%- 3%		2 - 8	92%- 3%	
	N.A.	N.A.		N.A.	N.A.	3 - 8	95%- 3%	
2 - 10	97%- 3%			N.A.	N.A.	2 - 8	70%- 3%	
2 - 10	97%- 3%		2 - 8	80%- 3%		2 - 8	87%- 3%	
			2 - 13	78%- 3%		2 - 9	86%- 3%	
			2 - 20	77%- 3%		2 - 16	83%- 3%	
			2 - 6	98%- 3%		2 - 4	97%- 3%	
			2 - 3	76%- 3%		2 - 5	81%- 3%	
			2 - 8	89%- 3%		2 - 8	89%- 3%	
2 - 10	97%- 3%		2 - 6	97%- 9%		2 - 4	97%- 6%	
2 - 10	97%- 3%		2 - 6	94%- 3%		2 - 4	92%- 3%	
5 - 10	97%- 3%		3 - 8	95%- 3%		2 - 8	92%- 3%	
5 - 10	97%- 3%		3 - 8	95%- 3%		2 - 8	92%- 3%	
5 - 10	96%- 3%			N.A.	N.A.	2 - 8	92%- 3%	
5 - 10	97%- 3%		3 - 8	95%- 3%		2 - 8	92%- 3%	
			2 - 20	90%- 7%		2 - 14	88%- 4%	
				N.A.	N.A.	2 - 13	93%- 3%	
			2 - 14	91%- 3%		2 - 10	80%- 3%	<11
2 - 10	96%- 3%		2 - 8	85%- 3%		2 - 8	93%- 3%	
			2 - 20	84%- 3%		2 - 16	86%- 3%	
2 - 10	97%- 3%		2 - 8	87%- 3%	<9	3 - 8	92%- 3%	<9
			2 - 8	97%- 3%		2 - 20	94%- 3%	
			2 - 20	83%- 3%	<9	3 - 20	94%- 3%	<14
2 - 10	97%- 3%		2 - 8	94%- 4%	<9	2 - 8	91%- 3%	<9
2 - 6	97%- 3%		2 - 8	87%- 3%	<2	2 - 6	93%- 3%	

# Consumer LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage Lamps



**KEY**

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

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Brand / Type	Load
Berker  INSTA 286710 [RC]	20 – 360 W - Turn
Berker  INSTA 283010 [R]	60 – 400 W - Turn
Bticino L4407	60 – 250 W
Busch Jaeger  ABB 2200 U - 503 [R]	60 – 400 W - Turn
Busch Jaeger  ABB 2247 U [RL]	20 – 500 W - Turn
Busch Jaeger  ABB 2250 U [R]	60 – 600 W - Turn
Busch Jaeger  ABB 6513 U - 102 [RC]	40 – 420 W - Turn
Busch Jaeger  ABB 6523 U [LED]	2 – 100 VA-LED - Turn
Busch Jaeger  ABB 6526 U [LED]	2 – 100 VA-LED - Push (2wire)
ELKO  Schneider SBD200LED (CCTEL10501) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
ELKO  Schneider SBD315RC (315 GLE ) [RC]	315W
ELKO  Schneider SBD420RCRL (CCTEL13011) [RLC]	420W
Eltako EVD61NPN-UC	400W 3-wire Push Module
Feller  Schneider 40200 (SBD200LED CCTCH10601) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
Feller  Schneider 40300 (SBD315) [RLC]	300W
Feller  Schneider 40420 (SBD420) [RLC]	420W
GIRA 1176-00/01 [RLC]	50 – 420W
GIRA 2390 00/ 100 [LED]	7 – 100W - Push (3wire)
Hager EVN 011 [RC]	300VA
Hager EVN 012 [RC]	300W
Hager EVN 004 [RL]	500VA
Jung 225 TDE [RC]	20 – 525 W - Turn
Jung 1271LEDDE [LED]	3 – 100W - Push (3wire)
Klik aan Klik uit AWMD-250 [LED]	3 – 24W
Klik aan Klik uit ACM 300	300W - 3-wire Push LED Dimmer
Legrand 774161 [RL]	40 – 400 W - Turn
Legrand 78401 [RLC]	40 – 500W
Legrand 67081 [RL]	40 – 400 W - Turn
Legrand 67082 [RL]	40 – 600 W - Turn
Legrand 67083 [RLC]	3 – 400W
Legrand 67084 [RLC]	8 – 300 VA - Push LED (3wire)
Legrand 67085 (O78406) [RLC]	8 – 300 VA - Push LED (3wire)
Legrand L4402N [R]	60 – 500W
Merten  Schneider SBD200LED (MEG5134-0000) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
Merten  Schneider SBD315RC (MEG5136-0000) [RC]	315W
Merten  Schneider SBD420RCRL (MEG5138-0000) [RLC]	20 – 420 VA
MK - Electric K1535 [R]	65 – 450 W - Turn
MK - Electric K1501 WHILV [R]	60 – 500 W - Turn
MK - Electric K4501 WHILV [RLC]	180W
MK - Electric K4500 WHILV [RLC]	400W
NIKO 310-0280X [LED]	2 – 100 VA
PEHA 431HAN [RL]	6 – 120W [LED] 6 – 60W
Philips UID8670 [LED]	2 – 100 VA-LED - Push (3wire)
RELCO RPO977 [LED]	4-100W
RELCO RMO545 [LED]	4-100W
Schneider SBD315RC (SBD 315, SDD 315) [RC]	315W
Schneider SBD315RC (ATD315)(CCT011533) [RC]	315W
Schneider SBD200 (WDE 002299)	4 – 400VA - Turn Universal (2wire)
Schneider SBD315RC (SBD 315) [RC]	315W
VADSBO ED 350 [RC]	50 – 350W
VADSBO DRS 315 [RC]	50 – 315W
VADSBO DU 250 [RC]	20 – 250W
Varilight HQ3W [R]	60-400W
Varilight ICT401 M [RC]	20-400W
Vimar 20148 [RL]	500W
Vimar 14153 [R]	
Vimar 20160 [RC]	
Vimar 20162 [RL]	40 – 300W
IKEA E0902 - Dim [R]	25 – 150W

Classic LED spot								
LEDclassic 80W GU10 CRI90 WGD 9290020659			LEDclassic 35W GU10 CRI90 WH 9290020682 LED CLA 35W GU10 CRI90 CW 9290020656			LEDclassic 50W GU10 CRI90 WH 9290020683 LED CLA 50W GU10 CRI90 CW 9290020658		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1- 5	92%- 5%		2-20	91%-25%		2-15	85%-19%	
1- 5	45%-3%		2-20	95%-24%		2-15	88%-19%	
				N.A.	N.A.		N.A.	N.A.
1- 5	42%-3%		2-18	93%-19%		2-15	89%-17%	
1- 5	95%- 3%		2-20	93%-10%		2-18	97%-6%	
1- 5	95%- 3%		2-20	96%-7%		2-20	98%-4%	
1- 5	96%- 6%		2-20	94%-23%		2-15	87%-20%	
1- 5	82%- 5%		2-20	90%-2%		2-20	93%-17%	
			2-20	96%-24%		2-18	96%-18%	
1- 5	91%- 6%		2-20	92%-29%		2-15	85%-23%	
1- 5	93%- 3%		2-14	91%-6%		2-11	91%-5%	
1- 5	96%- 6%		2-19	94%-14%		2-15	97%-13%	
			2-14	99%-15%	< 19	2-15	99%-14%	< 16
1- 5	91%- 6%		2-20	92%-29%		2-15	85%-23%	
1- 5	93%- 3%		2-14	91%-6%		2-11	91%-5%	
1- 5	96%- 6%		2-19	94%-14%		2-15	97%-13%	
			2-19	94%-36%		2-15	95%-32%	
			2-13	97%-13%		2-18	90%-14%	
			2-14	97%-19%	< 6	2-11	97%-16%	< 12
			2-14	98%-19%	< 5	2-11	97%-16%	< 12
			2-20	98%-19%		2-18	97%-16%	
1- 5	94%- 6%		2-20	92%-26%		2-15	87%-22%	
			2-20	93%-37%		2-20	88%-35%	
			2-5	88%-3%		2-4	87%-37%	
			2-14	93%-3%			N.A.	N.A.
				N.A.	N.A.		N.A.	N.A.
			2-18	96%-3%	< 3	2-15	92%-16%	< 3
				N.A.	N.A.		N.A.	N.A.
			40 – 600 W - Turn	N.A.	N.A.		N.A.	N.A.
			3 – 400W	2-3	89%-12%		N.A.	N.A.
1- 5	95%- 3%		2-18	98%-20%		2-15	88%-15%	
				N.A.	N.A.	2-11	99%-3%	
			8-20	91%-30%		3-18	86%-28%	
1- 5	91%- 6%		2-20	92%-29%		2-15	85%-23%	
1- 5	93%- 3%		2-14	91%-6%		2-11	91%-5%	
1- 5	96%- 6%		2-19	94%-14%		2-15	97%-13%	
1- 5	31%-3%		3-20	85%-20%		2-15	77%-15%	
1- 5	86%- 3%		3-20	89%-19%		2-18	81%-17%	
			3-10	89%-19%		2-8	90%-19%	
			3-15	90%-20%		2-15	88%-19%	
			2-5	97%-8%		2-4	97%-7%	
			2-5	89%-10%		2-4	87%-10%	
1- 5	82%- 5%		2-20	90%-3%		2-20	93%-17%	
1- 5	99%- 3%							
1- 5	96%- 3%							
1- 5	93%- 3%		2-14	91%-6%		2-11	91%-5%	
1- 5	93%- 3%		2-14	91%-6%		2-11	91%-5%	
1- 5	93%- 3%		2-20	92%-29%		2-15	85%-23%	
1- 5	91%- 6%		2-14	91%-6%		2-11	91%-5%	
1- 5	93%- 3%		2-16	93%-34%		2-13	88%-29%	
			8-14	95%-24%	< 15	3-11	97%-21%	< 12
			2-11	89%-11%	< 12	2-9	89%-9%	< 10
1- 5	50%-3%		2-18	98%-14%		2-15	88%-8%	
			2-18	94%-10%		2-15	92%-7%	
			2-20	94%-17%		2-18	88%-16%	< 4
			2-20	98%-3%		2-18	97%-9%	
			2-14	94%-13%	< 15	2-18	94%-12%	< 19
			3-13	93%-14%		2-11	84%-11%	< 4



# Consumer LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage Lamps



## KEY

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

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

Brand / Type	Load
Berker  INSTA 286710 [RC]	20 – 360 W - Turn
Berker  INSTA 283010 [R]	60 – 400 W - Turn
Bticino L4407	60 – 250 W
Busch Jaeger  ABB 2200 U - 503 [R]	60 – 400 W - Turn
Busch Jaeger  ABB 2247 U [RL]	20 – 500 W - Turn
Busch Jaeger  ABB 2250 U [R]	60 – 600 W - Turn
Busch Jaeger  ABB 6513 U - 102 [RC]	40 – 420 W - Turn
Busch Jaeger  ABB 6523 U [LED]	2 – 100 VA-LED - Turn
Busch Jaeger  ABB 6526 U [LED]	2 – 100 VA-LED - Push (2wire)
ELKO  Schneider SBD200LED (CCTEL10501) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
ELKO  Schneider SBD315RC (315 GLE ) [RC]	315W
ELKO  Schneider SBD420RCRL (CCTEL13011) [RLC]	420W
Eitako EVD6INPN-UC	400W 3-wire Push Module
Feller  Schneider 40200 (SBD200LED CCTCH10601) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
Feller  Schneider 40300 (SBD315) [RLC]	300W
Feller  Schneider 40420 (SBD420) [RLC]	420W
GIRA 1176-00/01 [RLC]	50 – 420W
GIRA 2390 00/ 100 [LED]	7 – 100W - Push (3wire)
Hager EVN 011 [RC]	300VA
Hager EVN 012 [RC]	300W
Hager EVN 004 [RL]	500VA
Jung 225 TDE [RC]	20 – 525 W - Turn
Jung 127LEDDE [LED]	3 – 100W - Push (3wire)
Klik aan Klik uit AWMD-250 [LED]	3 – 24W
Klik aan Klik uit ACM 300	300W - 3-wire Push LED Dimmer
Legrand 774161 [RL]	40 – 400 W - Turn
Legrand 78401 [RLC]	40 – 500W
Legrand 67081 [RL]	40 – 400 W - Turn
Legrand 67082 [RL]	40 – 600 W - Turn
Legrand 67083 [RLC]	3 – 400W
Legrand 67084 [RLC]	8 – 300 VA - Push LED (3wire)
Legrand 67085 (078406) [RLC]	8 – 300 VA - Push LED (3wire)
Legrand L4402N [R]	60 – 500W
Merten  Schneider SBD200LED (MEG5134-0000) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
Merten  Schneider SBD315RC (MEG5136-0000) [RC]	315W
Merten  Schneider SBD420RCRL (MEG5138-0000) [RLC]	20 – 420 VA
MK - Electric K1535 [R]	65 – 450 W - Turn
MK - Electric K1501 WHILV [R]	60 – 500 W - Turn
MK - Electric K4501 WHILV [RLC]	180W
MK - Electric K4500 WHILV [RLC]	400W
NIKO 310-0280X [LED]	2 – 100 VA
PEHA 431HAN [RL]	6 – 120W [LED] 6 – 60W
Philips UID8670 [LED]	2 – 100 VA-LED - Push (3wire)
RELCO RPO977 [LED]	4-100W
RELCO RMO545 [LED]	4-100W
Schneider SBD315RC (SBD 315, SDD 315) [RC]	315W
Schneider SBD315RC (ATD315)(CCT011533) [RC]	315W
Schneider SBD200 (WDE 002299)	4 – 400VA - Turn Universal (2wire)
Schneider SBD315RC (SBD 315) [RC]	315W
VADSBO ED 350 [RC]	50 – 350W
VADSBO DRS 315 [RC]	50 – 315W
VADSBO DU 250 [RC]	20 – 250W
Varilight HQ3W [R]	60-400W
Varilight ICT401 M [RC]	20-400W
Vimar 20148 [RL]	500W
Vimar 14153 [R]	
Vimar 20160 [RC]	
Vimar 20162 [RL]	40 – 300W
IKEA E0902 - Dim [R]	25 – 150W

Classic LED spot								
LEDclassic 80W GU10 CR190 CW 9290020660 LEDClassic 80W GU10 CR190 WH RF 9290020684			LED CLA 60W R50 E14 WW 9290018912			LED CLA 60W R63 E27 WW 9290018914		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
2-5	89%-20%		1-15	89%-20%		1-5	79%-3%	
2-5	93%-20%		1-4	94%-14%		1-5	85%-14%	
2-5	91%-17%		1-15	91%-12%		1-5	85%-6%	
2-5	93%-7%		1-10	92%-16%		1-5	85%-3%	
2-5	95%-4%		2-20	96%-6%		1-5	85%-3%	
2-5	92%-18%		1-15	94%-18%		1-2	83%-3%	
2-5	88%-3%		1-20	90%-2%		1-5	77%-3%	
2-5	90%-24%		1-15	89%-23%		1-5	78%-3%	
2-5	89%-4%		1-15	89%-5%		1-5	77%-3%	
2-5	95%-12%		1-15	93%-12%		3-5	85%-3%	
2-5	90%-24%		1-15	89%-23%		1-5	78%-3%	
2-5	89%-4%		1-15	89%-5%		1-5	77%-3%	
2-5	95%-12%		1-15	93%-12%		3-5	85%-3%	
2-5	88%-36%		1-20	91%-12%		1-5	79%-3%	
2-5	89%-19%		1-20	89%-22%		N.A.	N.A.	N.A.
2-5	88%-11%		1-20	91%-34%		1-5	80%-3%	
2-5	94%-17%		N.A.	N.A.		N.A.	N.A.	N.A.
2-5	93%-15%		N.A.	N.A.		N.A.	N.A.	N.A.
2-5	95%-17%		N.A.	N.A.		N.A.	N.A.	N.A.
2-5	93%-13%		1-15	92%-14%		1-2	77%-3%	
2-5	97%-3%		1-10	97%-3%		1-5	93%-3%	
2-5	90%-24%		1-15	89%-23%		1-5	78%-3%	
2-5	89%-4%		1-15	89%-5%		1-5	77%-3%	
2-5	95%-12%		1-15	93%-12%		3-5	85%-3%	
2-5	81%-17%		2-4	82%-19%		2	62%-6%	
2-5	86%-15%		1-20	88%-17%		3-5	69%-3%	
2-5	88%-3%					1-5	94%-4%	
2-5	89%-4%		1-15	89%-5%		1-5	77%-3%	
2-5	89%-4%		1-15	89%-5%		1-5	77%-3%	
2-5	90%-24%		1-15	89%-23%		1-5	78%-3%	
2-5	89%-4%		1-15	89%-5%		1-5	77%-3%	
2-5	91%-10%		1-15	94%-13%		2	84%-3%	
2-5	93%-14%	<6	2-20	92%-16%	<21	1-2	84%-3%	
2-5	90%-13%	<6	1-10	90%-12%	<11	1-3	77%-3%	
2-5	94%-3%		1-3	94%-16%		1-5	87%-12%	

# Consumer LED Mains Voltage range

## Recommended dimmer compatibility list for Mains Voltage Lamps



### KEY

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

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Brand / Type	Load
Berker  INSTA 286710 [RC]	20 – 360 W - Turn
Berker  INSTA 283010 [R]	60 – 400 W - Turn
Bticino L4407	60 – 250 W
Busch Jaeger  ABB 2200 U - 503 [R]	60 – 400 W - Turn
Busch Jaeger  ABB 2247 U [RL]	20 – 500 W - Turn
Busch Jaeger  ABB 2250 U [R]	60 – 600 W - Turn
Busch Jaeger  ABB 6513 U - 102 [RC]	40 – 420 W - Turn
Busch Jaeger  ABB 6523 U [LED]	2 – 100 VA-LED - Turn
Busch Jaeger  ABB 6526 U [LED]	2 – 100 VA-LED - Push (2wire)
ELKO  Schneider SBD200LED (CCTEL10501) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
ELKO  Schneider SBD315RC (315 GLE ) [RC]	315W
ELKO  Schneider SBD420RCRL (CCTEL13011) [RLC]	420W
Eitako EVD61NPN-UC	400W 3-wire Push Module
Feller  Schneider 40200 (SBD200LED CCTCH10601) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
Feller  Schneider 40300 (SBD315) [RLC]	300W
Feller  Schneider 40420 (SBD420) [RLC]	420W
GIRA 1176-00/01 [RLC]	50 – 420W
GIRA 2390 00/ 100 [LED]	7 – 100W - Push (3wire)
Hager EVN 011 [RC]	300VA
Hager EVN 012 [RC]	300W
Hager EVN 004 [RL]	500VA
Jung 225 TDE [RC]	20 – 525 W - Turn
Jung 127ILEDDE [LED]	3 – 100W - Push (3wire)
Klik aan Klik uit AWMD-250 [LED]	3 – 24W
Klik aan Klik uit ACM 300	300W - 3-wire Push LED Dimmer
Legrand 774161 [RL]	40 – 400 W - Turn
Legrand 78401 [RLC]	40 – 500W
Legrand 67081 [RL]	40 – 400 W - Turn
Legrand 67082 [RL]	40 – 600 W - Turn
Legrand 67083 [RLC]	3 – 400W
Legrand 67084 [RLC]	8 – 300 VA - Push LED (3wire)
Legrand 67085 (078406) [RLC]	8 – 300 VA - Push LED (3wire)
Legrand L4402N [R]	60 – 500W
Merten  Schneider SBD200LED (MEG5134-0000) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
Merten  Schneider SBD315RC (MEG5136-0000) [RC]	315W
Merten  Schneider SBD420RCRL (MEG5138-0000) [RLC]	20 – 420 VA
MK - Electric K1535 [R]	65 – 450 W - Turn
MK - Electric K1501 WHILV [R]	60 – 500 W - Turn
MK - Electric K4501 WHILV [RLC]	180W
MK - Electric K4500 WHILV [RLC]	400W
NIKO 310-0280X [LED]	2 – 100 VA
PEHA 431HAN [RL]	6 – 120W [LED] 6 – 60W
Philips UID8670 [LED]	2 – 100 VA-LED - Push (3wire)
RELCO RPO977 [LED]	4-100W
RELCO RMO545 [LED]	4-100W
Schneider SBD315RC (SBD 315, SDD 315) [RC]	315W
Schneider SBD315RC (ATD315)(CCT011533) [RC]	315W
Schneider SBD200 (WDE 002299)	4 – 400VA - Turn Universal (2wire)
Schneider SBD315RC (SBD 315) [RC]	315W
VADSBO ED 350 [RC]	50 – 350W
VADSBO DRS 315 [RC]	50 – 315W
VADSBO DU 250 [RC]	20 – 250W
Varilight HQ3W [R]	60-400W
Varilight ICT401 M [RC]	20-400W
Vimar 20148 [RL]	500W
Vimar 14153 [R]	
Vimar 20160 [RC]	
Vimar 20162 [RL]	40 – 300W
IKEA E0902 - Dim [R]	25 – 150W

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

# Consumer LED Mains Voltage range

Recommended dimmer compatibility list for Mains Voltage Lamps



**KEY**

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

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Brand / Type	Load
Berker  INSTA 286710 [RC]	20 – 360 W - Turn
Berker  INSTA 283010 [R]	60 – 400 W - Turn
Bticino L4407	60 – 250 W
Busch Jaeger  ABB 2200 U - 503 [R]	60 – 400 W - Turn
Busch Jaeger  ABB 2247 U [RL]	20 – 500 W - Turn
Busch Jaeger  ABB 2250 U [R]	60 – 600 W - Turn
Busch Jaeger  ABB 6513 U - 102 [RC]	40 – 420 W - Turn
Busch Jaeger  ABB 6523 U [LED]	2 – 100 VA-LED - Turn
Busch Jaeger  ABB 6526 U [LED]	2 – 100 VA-LED - Push (2wire)
ELKO  Schneider SBD200LED (CCTEL10501) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
ELKO  Schneider SBD315RC (315 GLE ) [RC]	315W
ELKO  Schneider SBD420RCRL (CCTEL13011) [RLC]	420W
Eitako EVD6INPN-UC	400W 3-wire Push Module
Feller  Schneider 40200 (SBD200LED CCTCH10601) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
Feller  Schneider 40300 (SBD315) [RLC]	300W
Feller  Schneider 40420 (SBD420) [RLC]	420W
GIRA 1176-00/01 [RLC]	50 – 420W
GIRA 2390 00/ 100 [LED]	7 – 100W - Push (3wire)
Hager EVN 011 [RC]	300VA
Hager EVN 012 [RC]	300W
Hager EVN 004 [RL]	500VA
Jung 225 TDE [RC]	20 – 525 W - Turn
Jung 1271LEDDE [LED]	3 – 100W - Push (3wire)
Klik aan Klik uit AWMD-250 [LED]	3 – 24W
Klik aan Klik uit ACM 300	300W - 3-wire Push LED Dimmer
Legrand 774161 [RL]	40 – 400 W - Turn
Legrand 78401 [RLC]	40 – 500W
Legrand 67081 [RL]	40 – 400 W - Turn
Legrand 67082 [RL]	40 – 600 W - Turn
Legrand 67083 [RLC]	3 – 400W
Legrand 67084 [RLC]	8 – 300 VA - Push LED (3wire)
Legrand 67085 (078406) [RLC]	8 – 300 VA - Push LED (3wire)
Legrand L4402N [R]	60 – 500W
Merten  Schneider SBD200LED (MEG5134-0000) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
Merten  Schneider SBD315RC (MEG5136-0000) [RC]	315W
Merten  Schneider SBD420RCRL (MEG5138-0000) [RLC]	20 – 420 VA
MK - Electric K1535 [R]	65 – 450 W - Turn
MK - Electric K1501 WHILV [R]	60 – 500 W - Turn
MK - Electric K4501 WHILV [RLC]	180W
MK - Electric K4500 WHILV [RLC]	400W
NIKO 310-0280X [LED]	2 – 100 VA
PEHA 431HAN [RL]	6 – 120W [LED] 6 – 60W
Philips UID8670 [LED]	2 – 100 VA-LED - Push (3wire)
RELCO RPO977 [LED]	4-100W
RELCO RMO545 [LED]	4-100W
Schneider SBD315RC (SBD 315, SDD 315) [RC]	315W
Schneider SBD315RC (ATD315)(CCT011533) [RC]	315W
Schneider SBD200 (WDE 002299)	4 – 400VA - Turn Universal (2wire)
Schneider SBD315RC (SBD 315) [RC]	315W
VADSBO ED 350 [RC]	50 – 350W
VADSBO DRS 315 [RC]	50 – 315W
VADSBO DU 250 [RC]	20 – 250W
Varilight HQ3W [R]	60-400W
Varilight ICT401 M [RC]	20-400W
Vimar 20148 [RL]	500W
Vimar 14153 [R]	
Vimar 20160 [RC]	
Vimar 20162 [RL]	40 – 300W
IKEA E0902 - Dim [R]	25 – 150W

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

# 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

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Brand / Type	Load
Berker  INSTA 286710 [RC]	20 – 360 W - Turn
Berker  INSTA 283010 [R]	60 – 400 W - Turn
Bticino L4407	60 – 250 W
Busch Jaeger  ABB 2200 U - 503 [R]	60 – 400 W - Turn
Busch Jaeger  ABB 2247 U [RL]	20 – 500 W - Turn
Busch Jaeger  ABB 2250 U [R]	60 – 600 W - Turn
Busch Jaeger  ABB 6513 U - 102 [RC]	40 – 420 W - Turn
Busch Jaeger  ABB 6523 U [LED]	2 – 100 VA-LED - Turn
Busch Jaeger  ABB 6526 U [LED]	2 – 100 VA-LED - Push (2wire)
ELKO  Schneider SBD200LED (CCTEL10501) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
ELKO  Schneider SBD315RC (315 GLE ) [RC]	315W
ELKO  Schneider SBD420RCRL (CCTEL13011) [RLC]	420W
Eltako EVD61NPN-UC	400W 3-wire Push Module
Feller  Schneider 40200 (SBD200LED CCTCH10601) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
Feller  Schneider 40300 (SBD315) [RLC]	300W
Feller  Schneider 40420 (SBD420) [RLC]	420W
GIRA 1176-00/01 [RLC]	50 – 420W
GIRA 2390 00/ 100 [LED]	7 – 100W - Push (3wire)
Hager EVN 011 [RC]	300VA
Hager EVN 012 [RC]	300W
Hager EVN 004 [RL]	500VA
Jung 225 TDE [RC]	20 – 525 W - Turn
Jung 1271LEDDE [LED]	3 – 100W - Push (3wire)
Klik aan Klik uit AWMD-250 [LED]	3 – 24W
Klik aan Klik uit ACM 300	300W - 3-wire Push LED Dimmer
Legrand 774161 [RL]	40 – 400 W - Turn
Legrand 78401 [RLC]	40 – 500W
Legrand 67081 [RL]	40 – 400 W - Turn
Legrand 67082 [RL]	40 – 600 W - Turn
Legrand 67083 [RLC]	3 – 400W
Legrand 67084 [RLC]	8 – 300 VA - Push LED (3wire)
Legrand 67085 (078406) [RLC]	8 – 300 VA - Push LED (3wire)
Legrand L4402N [R]	60 – 500W
Merten  Schneider SBD200LED (MEG5134-0000) [LED/RC]	4 – 200W(RC) 4 – 400W(RL)
Merten  Schneider SBD315RC (MEG5136-0000) [RC]	315W
Merten  Schneider SBD420RCRL (MEG5138-0000) [RLC]	20 – 420 VA
MK - Electric K1535 [R]	65 – 450 W - Turn
MK - Electric K1501 WHILV [R]	60 – 500 W - Turn
MK - Electric K4501 WHILV [RLC]	180W
MK - Electric K4500 WHILV [RLC]	400W
NIKO 310-0280X [LED]	2 – 100 VA
PEHA 431HAN [RL]	6 – 120W [LED] 6 – 60W
Philips UID8670 [LED]	2 – 100 VA-LED - Push (3wire)
RELCO RPO977 [LED]	4-100W
RELCO RMO545 [LED]	4-100W
Schneider SBD315RC (SBD 315, SDD 315) [RC]	315W
Schneider SBD315RC (ATD315)(CCT011533) [RC]	315W
Schneider SBD200 (WDE 002299)	4 – 400VA - Turn Universal (2wire)
Schneider SBD315RC (SBD 315) [RC]	315W
VADSBO ED 350 [RC]	50 – 350W
VADSBO DRS 315 [RC]	50 – 315W
VADSBO DU 250 [RC]	20 – 250W
Varilight HQ3W [R]	60-400W
Varilight ICT401 M [RC]	20-400W
Vimar 20148 [RL]	500W
Vimar 14153 [R]	
Vimar 20160 [RC]	
Vimar 20162 [RL]	40 – 300W
IKEA E0902 - Dim [R]	25 – 150W

LED 120W R75 118mm WH 9290013536 LED 120W R75 118mm CW 9290013537			LED 150W R75 118mm WH 9290020166 LED 150W R75 118mm CW 9290020167			LED 100W R75 118MM CW 9290012438 LED 100W R75 118MM WW 9290012437		
Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
1	94%-21%		1-3	99%-15%		1	91% - 11%	
1	97%-16%		1-3	100%-6%		1	95% - 16%	
	N.A.	N.A.						
1	98%-27%		1-3	100%-8%		1	93% - 20%	
1	96%-3%		1-4	100%-3%		1	92% - 15%	
1	95%-15%		1-4	100%-3%		1	92% - 11%	
1	97%-23%		1-3	99%-16%		1	93% - 9%	
1	92%-21%		1-4	99%-3%		1	90% - 0%	
1	96%-15%							
1	94%-21%		1-3	100%-18%		1	90% - 13%	
1	93%-4%		1-3	100%-5%		1	91% - 1%	
	N.A.	N.A.		N.A.	N.A.			
1-3	97%-7%							
1	94%-21%		1-3	100%-18%		1	90% - 13%	
1	93%-4%		1-3	100%-5%				
	N.A.	N.A.		N.A.	N.A.			
1-3	93%-25%							
1	92%-10%							
1-3	95%-16%							
1-3	97%-17%							
1-3	99%-18%							
1	94%-23%		1-4	96%-13%		1	91% - 63%	
1	93%-9%							
	84%-30%							
	92%-10%							
	N.A.	N.A.						
1-3	97%-11%							
1	93%-30%							
1	92%-11%							
	88%-6%							
1	96%-3%		1-4	96%-3%		1	88% - 0%	
1	99%-3%							
1	87%-22%							
1	94%-21%		1-3	100%-18%		1	90% - 13%	
1	93%-4%		1-3	100%-5%		1	91% - 1%	
	N.A.	N.A.		N.A.	N.A.		93% - 11%	
1	81%-15%		1-3	100%-3%		1	80% - 13%	
1	89%-12%		1-3	100%-4%		1	86% - 7%	
1-3	90%-12%							
1-3	90%-13%							
1	98%-3%							
1-2	85%-4%							
1	92%-21%					1	90% - 0%	
1	97%-27%		1-3	100%-3%		1	94% - 8%	
1	89%-10%		1-4	100%-3%		1	90% - 0%	
1	93%-4%		1-3	100%-5%		1	91% - 1%	
1	93%-4%		1-3	100%-5%		1	91% - 1%	
1	94%-21%		1-3	100%-18%				
1	93%-4%					1	91% - 1%	
1-3	99%-22%							
	N.A.	N.A.						
1-3	82%-5%	<2						
1	95%-6%		1-3	99%-3%		1	95% - 12%	
1-3	85%-2%							
1	95%-12%							
1-3	96%-3%							
1-3	95%-6%	<2						
1	94%-15%							
1	95%-12%							

### 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/or maximum level is below 80%.
  - Red cell: minimum dimming level is above 20%.
  - Grey cell: the dimmer - LED light source combination is not applicable.
  - White cell: no data available.
- #5) Various dimmer suppliers offer "active loads" to optimize dimming performance in case of light source-dimmer system issues. (e.g. Busch Jaeger Compensator 6596).
- #6) This list is based on measurements performed in a lab environment at nominal mains voltage, different mains voltages may result in a different dimming range.
- #7) Dimmer manufacturers may change the technical design of their dimmer without informing Philips / Signify. Such changes may affect the performance when used in combination with LED light sources.
- #8) In general Philips dimmable LED light sources can be dimmed with any type of dimmer (type R, RL, RC or RLC).
- #9) Mixed loads may give unexpected dimming behavior or even result in defects, for which Philips / Signify cannot be held responsible.
- #10) LED light source are dimmable across the indicated dimming range, but may exhibit minor flickering at distinct dim settings.
- #11) The information contained here is believed to be accurate at the time it was published, but is provided "AS IS".







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