

Recommended dimmer compatibility list for Mains Voltage Lamps

x-y	Excellent dimming with X-Y lamps, however external factors can negatively influence the deep dimming performance	This doc
x-y	Dimming performance: These dimmers require more than 5 lamps as minimum load	and mus
	Unexpected performance behavior, not in line with good dimming perception	Philips a
N.A.	Dimmer lamp combination not applicable	results a might co
t.b.d.	Dimmer lamp combination not tested	mgmco

ocument is for information purposes oust be treated as recommendation. attempted to provide best results,

				E27 GW - 40W clear GW - 40W frosted Dimmable WarmGlow			E27 9W - 60W clear 9W - 60W frosted Dimmable WarmGlow		ed	E27 60W A60 Dimmable Warmglow		low	E27 6 - 40W CRI80 A60 Warmglow		50	E27 9 - 60W CRI80 A60 Warmglow		.60
						T TOOL	T T			T T								
				g ance	DO.		3 ance	DO.		g ance	Do.		g ance	NEW		ance	NEW	
Brand	Туре	Туре	Load	Dimming Performance	Dimming	Glowing	Dimming Performa	Dimming	Glowing	Dimming Performa	Dimming Range	Glowing	Dimming Performa	Dimming Range	Glowing	Dimming Performance	Dimmin _q Range	Glowing
Berker INSTA	286710	[RC]	20 ~ 360 W - Turn	1-3	87% ~ 3%		1-3	98% ~ 4%		1-3	90% ~ 3%		1-3	98% ~ 8%		1-3	94% ~ 7%	
Berker INSTA Bticino	283010 L4407	[R]	60 ~ 400 W - Turn 60 ~ 250 W	1-3	90% ~ 3% N.A.	N.A.	1-3	95% ~ 3% N.A.	N.A.	1-3	94% ~ 3%		1-3	98% ~ 7% N.A.	N.A.	1-3	96% ~ 5% N.A.	N.A.
Busch Jaeger ABB	2200 U - 503	[R]	60 ~ 400 W - Turn	1-3	93% ~ 3%		1-3	94% ~ 5%		1-3	96% ~ 3%		1-3	97% ~ 19%		1-3	94% ~ 9%	
Busch Jaeger ABB	2247 U	[RL]	20 ~ 500 W - Turn	1-3	90% ~ 3%		1-3	95% ~ 3%		1-3	93% ~ 3%		1-3	99% ~ 3%		1-3	95% ~ 3%	
Busch Jaeger ABB	2250 U	[R]	60 ~ 600 W - Turn	1-3	92% ~ 3%		1-3	95% ~ 3%		1-3	97% ~ 3%		1-3	97% ~ 3%		1-3	97% ~ 3%	
Busch Jaeger ABB	6513 U - 102	[RC]	40 ~ 420 W - Turn	1-3	94% ~ 8%		1-3	96% ~ 5%		1-3	96% ~ 3%		1-3	98% ~ 7%		1-3	95% ~ 6%	
Busch Jaeger ABB Busch Jaeger ABB	6523 U 6524 U	[LED]	2 ~ 100 VA-LED - Turn 2 ~ 100 VA-LED - Push (3wire)	1-3 t.b.d.	86% ~ 3% t.b.d.	t.b.d.	1-3 t.b.d.	89% ~ 3% t.b.d.	t.b.d.	1-3	92% ~ 3%		1-3 1-3	83% ~ 3% 83% ~ 3%		1-3 1-3	89% ~ 3% 89% ~ 3%	
Busch Jaeger ABB	6526 U	[LED]	2 ~ 100 VA-LED - Push (2wire)	1-3	91% ~ 4%	c.b.d.	1-3	88% ~ 5%	c.b.d.				1-3	88% ~ 10%		1-3	97% ~ 6%	
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC]	4 ~ 200W(RC) 4~400W(RL)	1-3	88% ~ 3%		1-3	90% ~ 4%		1-3	94% ~ 4%			N.A.	N.A.	2-3	93% ~ 8%	
ELKO Schneider	SBD315RC (315 GLE)	[RC]	315W	1-3	93% ~ 3%		1-3	92% ~ 3%		1-3	92% ~ 3%		1-3	98% ~ 3%		1-3	94% ~ 2%	
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC]	420W	1-3	89% ~ 3%		1-3	95% ~ 3%		1-3	95% ~ 3%			N.A.	N.A.		N.A.	N.A.
Eltako	EVD61NPN-UC	# ED (DG)	400W 3-wire Push Module	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.		0.404 404		1-3	98% ~ 6%		1-3	99% ~ 3%	
Feller Schneider Feller Schneider	40200 (SBD200LED CCTCH10601) 40300 (SBD315)	[LED/RC]	4 ~ 200W(RC) 4~400W(RL)	1-3	88% ~ 3%		1-3	90% ~ 4%		1-3 1-3	94% ~ 4% 92% ~ 3%		1-3	N.A. 98% ~ 3%	N.A.	2-3 1-3	93% ~ 8% 94% ~ 2%	
Feller Schneider	40420 (SBD420)	[RLC]	420W							1-3	95% ~ 3%		1=3	N.A.	N.A.	1-3	N.A.	N.A.
GIRA	1176-00/01	[RLC]	50 ~ 420W	1-3	93% ~ 5%		1-3	88% ~ 5%			3370 370		1-3	99% ~ 19%	14.74.		N.A.	N.A.
GIRA	2390 00/ 100		7 ~ 100W - Push (3wire)	1-3	86% ~ 3%		1-3	91% ~ 3%		1-3	92% ~ 3%		1-3	97% ~ 31%		1-3	95% ~ 17%	
Hager	EVN 011	[RC]	300VA	1-3	98% ~ 3%		1-3	93% ~ 3%					1-3	98% ~ 8%		1-3	99% ~ 7%	
Hager	EVN 012	[RC]	300W	1-3	98% ~ 3%		1-3	93% ~ 3%					1-3	98% ~ 12%		1-3	99% ~ 6%	
Hager	EVN 004	[RL]	500VA	1-3	98% ~ 3%		1-3	93% ~ 3%					1-3	99% ~ 13%		1-3	99% ~ 6%	
Jung	1176 225 TDE	[RLC]	50 ~ 420W 20 ~ 525 W - Turn	t.b.d. 1-3	t.b.d. 93% ~ 3%	t.b.d.	t.b.d. 1-3	t.b.d. 96% ~ 5%	t.b.d.	1-3	92% ~ 3%		1-3	98% ~ 9%		1-3	96% ~ 8%	
Jung	1271LEDDE	[LED]	3 ~ 100W - Push (3wire)	1-3	87% ~ 7%		1-3	91% ~ 7%		1-3	92% ~ 7%		1-3	97% ~ 4%		1-3	90%~0%	
Klik aan Klik uit	AWMD-250	[LED]	3~ 24W	1-3	82% ~ 4%		1-3	83% ~ 5%						N.A.	N.A.	1-3	89% ~ 8%	
Klik aan Klik uit	ACM 300		300W - 3-wire Push LED Dimmer	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.				2-3	96% ~ 8%		1-3	96% ~ 4%	
Legrand	774161	[RL]	40 ~ 400 W - Turn			N.A.		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.	2-3	96% ~ 5%	
Legrand	78401	[RLC]	40 ~ 500W	1-3	96% ~ 3%		1-3	93% ~ 3%					1-3	98% ~ 7%		1-3	97% ~ 4%	
Legrand	67081	[RL]	40 ~ 400 W - Turn		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.	3	N.A. 98% ~ 5%	N.A.	2-3	97% ~ 5%	
Legrand Legrand	67082 67083	[RL]	40 ~ 600 W - Turn 3 ~ 400W		N.A.	N.A.	1-3	N.A. 90% ~ 3%	N.A.		N.A.	N.A.	3	98% ~ 5% N.A.	N.A.	2-3 1-2	97% ~ 5% 89% ~ 3%	
Legrand	67084	[RLC]	8 - 300 VA - Push LED (3wire)	1-3	95% ~ 3%	14.74	1-3	95% ~ 3%		1-3	94% ~ 3%		2-3	99% ~ 6%	14.74.	1-3	98% ~ 6%	
Legrand	67085 (078406)	[RLC]	8 - 300 VA - Push LED (3wire)	1-3	88% ~ 17%		1-3	95% ~ 3%		1-3	97% ~ 3%		1-3	99% ~ 3%		1-3	96% ~ 3%	
Legrand	L4402N	[R]	60 ~ 500W		N.A.	N.A.	2-3	83% ~ 5%					2-3	97% ~ 13%		2-3	89% ~ 6%	
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC]	4 ~ 200W(RC) 4~400W(RL)	1-3	88% ~ 3%		1-3	90% ~ 4%		1-3	94% ~ 4%			N.A.	N.A.	2-3	93% ~ 8%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC]	315W	1-3	93% ~ 3%		1-3	92% ~ 3%		1-3	92% ~ 3%		1-3	98% ~ 3%		1-3	94% ~ 2%	
Merten Schneider MK - Electric	SBD420RCRL (MEG5138-0000) K1535	[RLC]	20 ~ 420 VA 65 ~ 450 W - Turn	1-3	89% ~ 3% N.A.	N.A.	1-3 1-3	95% ~ 3% 80% ~ 3%		1-3 1-3	95% ~ 3% 80% ~ 3%		1-3	N.A. 99% ~ 6%	N.A.	1-3	N.A. 84% ~ 5%	N.A.
MK - Electric	K1501 WHILV	[R]	60 ~ 500 W - Turn	1-3	N.A. 85% ~ 3%	IN.M.	1-3	90% ~ 3%		1-3	80% ~ 3%		1-3	99% ~ 6%		1-3	90% ~ 5%	
MK - Electric	K4501 WHILV	[RLC]	180W	1-3	88% ~ 3%		1-3	83% ~ 3%					1-3	96% ~ 7%		1-3	90% ~ 3%	
MK - Electric	K4500 WHILV	[RLC]	400W	1-3	88% ~ 3%		1-3	85% ~ 3%					1-3	95% ~ 7%		1-3	90% ~ 3%	
PEHA	431HAN	[RL]	6 ~ 120W [LED] 6~60W	1-3	88% ~ 4%		1-3	83% ~ 5%					1-3	98% ~ 21%		1-3	92% ~ 3%	
Philips	UID8670	[LED]	2 ~ 100 VA-LED - Push (3wire)	1-3	86% ~ 3%		1-3	89% ~ 3%		1-3	92% ~ 3%		1-3	83% ~ 3%		1-3	89% ~ 3%	
RELCO RELCO	RP0977 RM0545	[LED]	4 - 100W 4 - 100W										1-3 1-3	96% ~ 4% 98% ~ 8%		1-2 1-2	99% ~ 9% 95% ~ 4%	
Schneider	SBD315RC (SBD 315, SDD 315)	[RC]	315W	1-3	93% ~ 3%		1-3	92% ~ 3%		1-3	92% ~ 3%		1-3	98% ~ 3%		1-3	94% ~ 2%	
Schneider	SBD315RC (ATD315)(CCT011533)	[RC]	315W	1-3	93% ~ 3%		1-3	92% ~ 3%		1-3	92% ~ 3%		1-3	98% ~ 3%		1-3	94% ~ 2%	
Schneider	SBD200 (WDE 002299)	[]	4 ~ 400VA - Turn Universal (2wire)	1-3	88% ~ 3%		1-3	90% ~ 4%		1-3	94% ~ 4%			N.A.	N.A.	2-3	93% ~ 8%	
Schneider	SBD315RC (SBD 315)	[RC]	315W	1-3	93% ~ 3%		1-3	90% ~ 4%		1-3	92% ~ 3%		1-3	98% ~ 3%		1-3	94% ~ 2%	
VADSBO	ED 350	[RC]	50 ~ 350W	1-3	91% ~ 5%		1-3	85% ~ 5%					1-3	99% ~ 25%		1-3	94% ~ 8%	,,,,
VADSBO	DRS 315 DU 250	[RC]	50 ~ 315W	1_2	N.A. 88% ~ 3%	N.A. <4	1-3 1-3	93% ~ 3% 83% ~ 3%	<2 <4				1-2	N.A. 96% ~ 6%	N.A.	1_2	N.A.	N.A.
VADSBO Varilight	HQ3W	[RC]	20 ~ 250W 60 - 400W	1-3 1-3	92% ~ 3%	<4	1-3 1-3	83% ~ 3% 99% ~ 3%	<4	1-3	93% ~ 3%		1-3 1-3	96% ~ 6% 96% ~ 4%		1-3 1-3	90% ~ 3% 96% ~ 3%	
Varilight	ICT401 M	[RC]	20 - 400W	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	1-3	3370~376		1-3	97% ~ 3%		1-3	96% ~ 3% 88% ~ 2%	
Vimar	20148	[RL]	500W		N.A.	N.A.		N.A.	N.A.	1-3	96% ~ 3%	<2	1-3	97% ~ 5%	<3	1-3	96% ~ 4%	<2
Vimar	14153	[R]		1-3	98% ~ 3%		1-3	98% ~ 3%					2-3	98% ~ 3%		1-3	95% ~ 6%	
Vimar	20160	[RC]			N.A.	N.A.	1-3	93% ~ 3%	<4				2-3	95% ~ 3%	<2	1-3	96% ~ 3%	<2
Vimar	20162	[RL]	40 ~ 300W		N.A.	N.A.		N.A.	N.A.	1-3	93% ~ 3%	<2	1-3	98% ~ 7%	<3	1-3	95% ~ 9%	<2
IKEA	E0902 - Dim	[R]	25 ~ 150W	1-3	91% ~ 1%		1-3	93% ~ 1%		1-3	93% ~ 3%		1-3	97% ~ 7%		1-3	96% ~ 5%	

- #1) Unexpected behaviour can occur outside the range of specified number of lamps. The mentioned numbers are tested. In some cases the dimmers can be loaded with more lamps than is specified in this document (most dimmers can be loaded with LED
- lamps to 20% of specified power; LED dimmers can be loaded to specified power) #2) Occupancy sensors can act like dimmers, therefore Philips recommends to use dimmable lamps in combination with it.
- #3) Glowing means: a switched off dimmer still having the possibility that a small light output is visible. This status can occur when a low quantity of lamps is connected. #4) Yellow cells indication: Sometimes flickering is observed due to low dimmer loads, best visible at deep dimming
- #4a) Yellow cells indication: Dimming performance: LED's have much lower load (wattage) than traditional lightsources. (e.g. flickering where "active loads" can reduce your problems) $\verb|#4b| Yellow cells indication: Dimming range, minimum dim level with the indicated dimmer will be somewhere between 10\%-30\% in the property of the propert$
- #5) Various dimmer suppliers offer "active loads" (e.g. Busch Jaeger Kompensator 6596) to optimize dimming performance in case of lamp-dimmer system issues. Using double pole switches will prevent glowing issues.
- #7) This list is based on measurements in a lab environment with nominal voltage, a different voltage will result in a different dimming range. Therefor we indicated 3% as minimum lightlevel as labcondition.

#8) Dimmermanufacturers may change the technical design of the dimmer without informing LED lamp suppliers. These changes can influence the performace of LED products. Philips cannot be held responsible for inaccuracies in the compatibility lists due to technical changes in dimmers





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	This document is for information purposes
x-y	Dimming performance: These dimmers require more than 5 lamps as minimum load	and must be treated as recommendation.
	Unexpected performance behavior, not in line with good dimming perception	Philips attempted to provide best results,
N.A.	Dimmer lamp combination not applicable	results are generated in lab conditions and might contain faults
t.b.d.	Dimmer lamp combination not tested	- might contain juites

					LED bulbs										
					E27			E27			E27				
					13 - 75W CRI80 A60 Warmglow			17 - 100W CRI80 A6 Warmglow	57		6-40 W Dimmable				
					-										
					U										
								*			•				
					NEW			NEW							
				JCe			e JC			JCe					
				Dimming Performal	e Bi	ing	Dimming Performan	e ning	ë	Dimming Performan	e nin g	ë			
Brand	Туре	Туре	Load	Dimn Perfo	Dimmin	Glowing	Dimn	Dimming Range	Glowing	Dimn	Dimming Range	Glowing			
Berker INSTA	286710	[RC]	20 ~ 360 W - Turn	1-3	91% ~ 10%		1-3	83% ~ 7%		1-3	94% ~ 3%				
Berker INSTA	283010	[R]	60 ~ 400 W - Turn	1-3	76% ~ 7%		1-3	88% ~ 8%		1-3	96% ~ 3%				
Bticino Busch Jaeger ABB	L4407 2200 U - 503	[] [R]	60 ~ 250 W 60 ~ 400 W - Turn	1-3	N.A. 77% ~ 12%	N.A.	1-3 1-3	74% ~ 8% 88% ~ 12%	<2	1-3	N.A. 98% ~ 9%	N.A.			
Busch Jaeger ABB	2247 U	[RL]	20 ~ 500 W - Turn	1-3	75% ~ 3%		1-3	90% ~ 4%		13	N.A.	N.A.			
Busch Jaeger ABB	2250 U	[R]	60 ~ 600 W - Turn	1-3	79% ~ 2%		1-3	91% ~ 3%		1-3	99% ~ 3%				
Busch Jaeger ABB Busch Jaeger ABB	6513 U - 102 6523 U	[RC]	40 ~ 420 W - Turn 2 ~ 100 VA-LED - Turn	1-3 1-3	75% ~ 7%		1-3 1-3	89% ~ 7% 86% ~ 3%		1-3	98% ~ 5%				
Busch Jaeger ABB	6524 U	[LED]	2 ~ 100 VA-LED - Push (3wire)	1-5	88% ~ 3%		1-3	86%~3%		t.b.d.	94% ~ 3% t.b.d.	t.b.d.			
Busch Jaeger ABB	6526 U	[LED]	2 ~ 100 VA-LED - Push (2wire)	1-3	95% ~ 8%		1-3	95% ~ 8%		1-3	91% ~ 13%				
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC]		1-3	77% ~ 9%		1-3	84% ~ 9%		3	91% ~ 3%				
ELKO Schneider ELKO Schneider	SBD315RC (315 GLE) SBD420RCRL (CCTEL13011)	[RC]	315W 420W	1-3 1-3	89% ~ 3% 77% ~ 5%		1-3 1-3	84% ~ 3% 86% ~ 5%		1-3 1-3	93% ~ 3% 91% ~ 3%				
Eltako	EVD61NPN-UC	[KEC]	400W 3-wire Push Module	1-3	99% ~ 6%		1-3	99% ~ 4%		t.b.d.	t.b.d.	t.b.d.			
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC]	4 ~ 200W(RC) 4~400W(RL)	1-3	77% ~ 9%		1-3	84% ~ 9%		3	91% ~ 3%				
Feller Schneider	40300 (SBD315)	[RLC]	300W	1-3	89% ~ 3%		1-3	84% ~ 3%							
Feller Schneider GIRA	40420 (SBD420) 1176-00/01	[RLC]	420W 50 ~ 420W	1-3 1-3	77% ~ 5% 95% ~ 14%		1-3	86% ~ 5%		1-3	93% ~ 15%				
GIRA	2390 00/ 100	[RLC]	7 ~ 100W - Push (3wire)	1-3	69% ~ 16%		1-3 1-3	92% ~ 12% 84% ~ 18%		1-3	93% ~ 15%				
Hager	EVN 011	[RC]	300VA	1-3	96% ~ 11%		1-3	97% ~ 6%		1-3	97% ~ 3%				
Hager	EVN 012	[RC]	300W	1-3	96% ~ 11%		1-3	99% ~ 9%		1-3	97% ~ 3%				
Hager	EVN 004	[RL]	500VA	1-3	98%10%		1-3	99%10%		1-3	97% ~ 3%	A land			
INSTA Jung	1176 225 TDE	[RLC]	50 ~ 420W 20 ~ 525 W - Turn	1-3	90% ~ 11%		1-3	85% ~ 8%		t.b.d. 1-3	t.b.d. 92% ~ 8%	t.b.d.			
Jung	1271LEDDE	[LED]	3 ~ 100W - Push (3wire)	1-3	90% ~ 6%		1-3	84% ~ 4%		1-3	95% ~ 3%				
Klik aan Klik uit	AWMD-250	[LED]	3~ 24W	1-2	79% ~ 15%		1	82% ~ 16%		1-3	84% ~ 12%				
Klik aan Klik uit	ACM 300 774161	[RL]	300W - 3-wire Push LED Dimmer 40 ~ 400 W - Turn	1-3 2-3	96% ~ 7% 78% ~ 5%		1-3 2-3	84% ~ 7% 92% ~ 6%		t.b.d.	t.b.d. N.A.	t.b.d. N.A.			
Legrand Legrand	78401	[RLC]	40 ~ 500W	1-3	96% ~ 7%		1-3	91% ~ 6%		1-3	93% ~ 3%	N.A.			
Legrand	67081	[RL]	40 ~ 400 W - Turn	2-3	77% ~ 5%		1-3	94% ~ 7%			N.A.	N.A.			
Legrand	67082	[RL]	40 ~ 600 W - Turn	2-3	75% ~ 5%		2-3	90% ~ 6%			N.A.	N.A.			
Legrand Legrand	67083 67084	[RLC]	3 ~ 400W 8 - 300 VA - Push LED (3wire)	1-3	85% ~ 4% 76% ~ 5%		1-3 1-3	79% ~ 4% 91% ~ 6%			N.A. 98% ~ 3%	N.A.			
Legrand	67085 (078406)	[RLC]	8 - 300 VA - Push LED (3wire)	1-3	79% ~ 3%		1-3	93% ~ 3%			96% ~ 3%				
Legrand	L4402N	[R]	60 ~ 500W	2-3	85% ~ 13%		1-3	81% ~ 11%			N.A.	N.A.			
Merten Schneider	SBD200LED (MEG5134-0000)		4 ~ 200W(RC) 4~400W(RL)	1-3	77% ~ 9%		1-3	84% ~ 9%		3	91% ~ 3%				
Merten Schneider	SBD315RC (MEG5136-0000) SBD420RCRL (MEG5138-0000)	[RC]	315W	1-3	89% ~ 3%		1-3	84% ~ 3%		1-3	93% ~ 3%				
Merten Schneider MK - Electric	K1535	[RLC]	20 ~ 420 VA 65 ~ 450 W - Turn	1-3 1-3	77% ~ 5% 66% ~ 7%		1-3 1-3	86% ~ 5% 75% ~ 7%		1-3 1-3	91% ~ 3% 82% ~ 3%				
MK - Electric	K1501 WHILV	[R]	60 ~ 500 W - Turn	1-3	71% ~ 6%		1-3	81% ~ 6%		1-3	89% ~ 3%				
MK - Electric	K4501 WHILV	[RLC]	180W	1-3	84% ~ 7%		1-3	87% ~ 7%		1-3	87% ~ 3%				
MK - Electric PEHA	K4500 WHILV 431HAN	[RLC]	400W 6 ~ 120W [LED] 6~60W	1-3 1-3	87% ~ 7% 82% ~ 5%		1-3 1	87% ~ 7% 85% ~ 5%		1-3 1-3	87% ~ 3% 85% ~ 12%				
Philips	UID8670	[RL]	2 ~ 100 VA-LED - Push (3wire)	1-3	82% ~ 5% 88% ~ 3%		1-3	85% ~ 5% 86% ~ 3%		1-3	94% ~ 3%				
RELCO	RP0977	[LED]	4 - 100W	1-2	99% ~ 14%		1	98% ~ 17%							
RELCO	RM0545	[LED]	4 - 100W	1-2	90% ~ 6%		1	89% ~ 6%							
Schneider Schneider	SBD315RC (SBD 315, SDD 315) SBD315RC (ATD315)(CCT011533)	[RC]	315W 315W	1-3 1-3	89% ~ 3% 89% ~ 3%		1-3 1-3	84% ~ 3% 84% ~ 3%		1-3 1-3	93% ~ 3% 93% ~ 3%				
Schneider	SBD200 (WDE 002299)	[RC]	4 ~ 400VA - Turn Universal (2wire)	1-3	77% ~ 9%		1-3	84% ~ 9%		3	91% ~ 3%				
Schneider	SBD315RC (SBD 315)	[RC]	315W	1-3	89% ~ 3%		1-3	84% ~ 3%		1-3	93% ~ 3%				
VADSBO	ED 350	[RC]	50 ~ 350W	1-3	87% ~ 13%		1-3	82% ~ 11%		1-3	89% ~ 16%				
VADSBO	DRS 315	[RC]	50 ~ 315W	1-3	92% ~ 9%	<4	1-3	94% ~ 8%	<4	1-3	92% ~ 3%				
VADSBO Varilight	DU 250 HQ3W	[RC]	20 ~ 250W 60 - 400W	1-3 1-3	85% ~ 5% 74% ~ 5%	<4	1-3 1-3	79% ~ 4% 87% ~ 5%	<4	1-3 1-3	87% ~ 3% 95% ~ 3%				
Varilight	ICT401 M	[RC]	20 - 400W	1-3	83% ~ 7%		1-3	91% ~ 3%		t.b.d.	t.b.d.	t.b.d.			
Vimar	20148	[RL]	500W	1-2	78% ~ 5%	<4	1-3	89% ~ 6%	<4		N.A.	N.A.			
Vimar	14153	[R]		1-3	97% ~ 3%		1-3	98% ~ 3%		1-3	99% ~ 3%	NI A			
Vimar Vimar	20160	[RC]	40 ~ 300W	1-3 1-2	96% ~ 4% 75% ~ 5%	<4 <4	1-3 1-3	88% ~ 4% 87% ~ 5%	<4 <4	1-3	N.A. 95% ~ 5%	N.A.			
IKEA	E0902 - Dim	[R]	25 ~ 150W	1-3	79% ~ 7%		1-2	90% ~ 8%		1-3	96% ~ 2%				

- #1) Unexpected behaviour can occur outside the range of specified number of lamps. The mentioned numbers are tested. In some cases the dimmers can be loaded with more lamps than is specified in this document (most dimmers can be loaded with LED
- lamps to 20% of specified power; LED dimmers can be loaded to specified power)
 #2) Occupancy sensors can act like dimmers, therefore Philips recommends to use dimmable lamps in combination with it.
- #3) Glowing means: a switched off dimmer still having the possibility that a small light output is visible. This status can occur when a low quantity of lamps is connected.
- #4) Yellow cells indication: Sometimes flickering is observed due to low dimmer loads, best visible at deep dimming
- #4a) Yellow cells indication: Dimming performance: LED's have much lower load (wattage) than traditional lightsources. (e.g. flickering where "active loads" can reduce your problems) $\verb|#4b| Yellow cells indication: Dimming range, minimum dim level with the indicated dimmer will be somewhere between 10\%-30\% in the property of the propert$
- #5) Various dimmer suppliers offer "active loads" (e.g. Busch Jaeger Kompensator 6596) to optimize dimming performance in case of lamp-dimmer system issues. Using double pole switches will prevent glowing issues.
- #7) This list is based on measurements in a lab environment with nominal voltage, a different voltage will result in a different dimming range. Therefor we indicated 3% as minimum lightlevel as labcondition. #8) Dimmermanufacturers may change the technical design of the dimmer without informing LED lamp suppliers. These changes can influence the performace of LED products.

Philips cannot be held responsible for inaccuracies in the compatibility lists due to technical changes in dimmers





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	This document is for informati
x-y	Dimming performance: These dimmers require more than 5 lamps as minimum load	and must be treated as recor
	Unexpected performance behavior, not in line with good dimming perception	Philips attempted to provide I
N.A.	Dimmer lamp combination not applicable	results are generated in lab c might contain faults
t.b.d.	Dimmer lamp combination not tested	migni comain judits

commendation. de best results, conditions and

E27 9.5-60 W 11.5-75 W Dimmable Dimmable	E27 16-100 W Dimmable	
7-00 1883	Proces	
	•	
	bo	
Brand Libe Cowing Glowing Brand Libe Performaning Brand Performaning Performaning Performaning Brand Libe Columning Brand Library Columning Brand Libr	Dimming	Glowing
Brand Type Load Fa	Dir.	Glo
Berker INSTA 286710 [RC] 20~360 W - Turn 1-3 95%~3% 1-3 90%~10% t.b.d. 1-3	91% ~ 9%	
Berker INSTA 283010 [R] 60 ~ 400 W - Turn 1-3 92% ~ 11% 1-3 94% ~ 12%	N.A.	N.A.
Bticino L4407 [] 60~250 W N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.	N.A. 94% ~ 25%	N.A.
Busch Jaeger ABB 2200 U - 503 [R] 60 ~ 400 W - Turn 1-3 94% - 15% 1-3 92% - 24% 1-3	94% ~ 3%	
Busch Jaeger ABB 2250 U [R] 60 ~ 600 W - Turn 1-3 92% - 3% 1-3 96% ~ 3% 1-3	94% ~ 3%	
Busch Jaeger ABB 6513 U - 102 [RC] 40 - 420 W - Turn 92% - 4% 1-3 92% - 10% 1-3	93% ~ 9%	
Busch Jaeger ABB 6523 U [LED] 2 ~ 100 VA-LED - Turn 1-3 94% - 3% 1-3 82% - 3% 1-3	90% ~ 3%	
Busch Jaeger ABB 6524 U [LED] 2 ~ 100 VA-LED - Push (3wire) t.b.d. t.b.d. t.b.d. t.b.d. t.b.d. t.b.d.	t.b.d.	t.b.d.
Busch Jaeger ABB 6526 U [LED] 2 ~ 100 VA-LED - Push (2wire) 1-3 92% - 19% 1-3 88% - 23% 1-3 ELKO Schneider SBD200LED (CCTEL10501) [LED/RC] 4 ~ 200W(RC) 4 ~ 400W(RL) 1-3 91% ~ 7% 1-3 88% - 13% 1-3	91% ~ 25% 90% ~ 13%	
ELKO Schneider SBD200LED (CCTELIOSOI) [LED/RC] 4~200W(RC) 4~400W(RL) 1-3 98%~7% 1-3 88%~3% 1-3 88%~3% 1-3	90% ~ 13%	
ELKO Schneider SBD420RCRL (CCTEL13011) [RLC] 420W 1-3 93% – 3% 1-3 92% – 3% 1-3	94% ~ 3%	
Eltako EVD61NPN-UC 400W 3-wire Push Module t.b.d. t.b.d. t.b.d. t.b.d. t.b.d. t.b.d. t.b.d. t.b.d.	t.b.d.	t.b.d.
Feller Schneider 40200 (SBD200LED CCTCH10601) [LED/RC] 4~200W(RC) 4~400W(RL) 1-3 91%~7% 1-3 88%~13% 1-3	90% ~ 13%	
Feller Schneider 40300 (SBD315) [RLC] 300W		
Feller Schneider 40420 (SBD420) [RLC] 420W GIRA 1176-00/01 [RLC] 50~420W 1-3 93%~13% 1-3 92%~20% 1-3	93% ~ 19%	
GIRA 2390 00/100 7 ~ 100W - Push (3wire) 1-3 99% ~ 3% 1-3 90% ~ 3% 1-3	91% ~ 3%	
Hager EVN 011 [RC] 300VA 1-3 97%~3% 1-3 97%~3% 1-3	96% ~ 4%	
Hager EVN 012 [RC] 300W 1-3 97%~3% 1-3 95%~3% 1-3	95% ~ 4%	
Hager EVN 004 [RL] 500VA 1-3 97%~3% 1-3 97%~5% 1-3	98% ~ 4%	
INSTA 1176 [RLC] 50~420W t.b.d. t.b.d. t.b.d. t.b.d. t.b.d. t.b.d. t.b.d. t.b.d.	t.b.d.	t.b.d.
Jung 225 TDE [RC] 20~525 W - Turn 1-3 93% ~ 7% 1-3 90% -10% 1-3	91% ~ 11%	
Jung 127ILEDDE [LED] 3 ~ 100W - Push (3wire) 1-3 93% – 3% 1-3 90% – 28% 1-3 Klik aan Klik uit AWMD-250 [LED] 3 ~ 24W 1-3 87% – 20% 1-3 83% – 25% 1-3	91% ~ 26% 85% ~ 23%	
Klik aan Klik uit ACM 300 300W - 3-wire Push LED Dimmer t.b.d. t.b.d. t.b.d. t.b.d. t.b.d. t.b.d. t.b.d.	t.b.d.	t.b.d.
Legrand 774161 [RL] 40 ~ 400 W - Turn N.A. N.A. N.A. N.A. N.A.	N.A.	N.A.
Legrand 78401 [RLC] 40~500W 1-3 93%~3% 1-3 92%~5% 1-3	94% ~ 5%	
Legrand 67081 [RL] 40~400 W - Turn N.A. N.A. N.A. N.A. N.A.	N.A.	N.A.
Legrand 67082 [RL] 40~600 W - Turn N.A. N.A. N.A. N.A. N.A.	N.A.	N.A.
Legrand 67083 [RLC] 3 ~ 400W N.A. N.A. N.A. N.A. N.A. N.A. Legrand 67084 [RLC] 8 - 300 VA - Push LED (3wire) 92% ~ 3% 1-3 92% ~ 5% 1-3	N.A. 92% ~ 5%	N.A.
Legrand 67085 (078406) [RLC] 8 - 300 VA - Push LED (3wire) 97% - 3% 1-3 94% - 3% 1-3	94% ~ 3%	
Legrand L4402N [R] 60~500W 2-3 87%~11% 1-3 85%~17% 1-3	85% ~ 16%	
Merten Schneider SBD200LED (MEG5134-0000) [LED/RC] 4 ~ 200W(RC) 4~400W(RL) 1-3 91% ~ 7% 1-3 88% ~ 13% 1-3	90% ~ 13%	
Merten Schneider SBD315RC (MEG5136-0000) [RC] 315W 1-3 98%~3% 1-3 88%~3% 1-3	90% ~ 3%	
Merten Schneider SBD420RCRL (MEG5138-0000) [RLC] 20~420 VA 1-3 93%~3% 1-3 92%~3% 1-3 MK - Electric K1535 [R] 65~450 W - Turn 1-3 84%~6% 1-3 82%~10% 1-3	94% ~ 3%	
MK - Electric K1535 [R] 65 - 450 W - Turn 1-3 84% - 6% 1-3 82% - 10% 1-3 MK - Electric K1501 WHILV [R] 60 - 500 W - Turn 1-3 92% - 3% 1-3 78% - 8% 1-3	83% ~ 9% 88% ~ 8%	
MK - Electric K4501 WHILV [RLC] 180W 1-3 88% - 3% 1-3 78% - 8% 1-3	88% ~ 8%	
MK - Electric K4500 WHILV [RLC] 400W 1-3 87% ~ 3% 1-3 78% ~ 8% 1-3	88% ~ 8%	
PEHA 431HAN [RL] 6~120W [LED] 6-60W 1-3 89%~27% 1-3 88%~28% 1-3	88% ~ 28%	
Philips UID8670 [LED] 2 ~ 100 VA-LED - Push (3wire) 1-3 94% ~ 3% 1-3 82% ~ 3% 1-3	90% ~ 3%	
RELCO RP0977 [LED] 4 - 100W		
RELCO RM0545 [LED] 4 - 100W Sending 1-3 98%~3% 1-3 88%~3% 1-3 Schneider SBD315RC (SBD 315, SDD 315) [RC] 315W 1-3 98%~3% 1-3 88%~3% 1-3	90% ~ 3%	
Schneider SBD315RC (ATD315)(CCT011533) [RC] 315W 1-3 98% - 3% 1-3 88% - 3% 1-3	90% ~ 3%	
Schneider SBD200 (WDE 002299) [] 4 ~ 400VA - Turn Universal (2wire) 1-3 91% ~ 7% 1-3 88% ~ 13% 1-3	90% ~ 13%	
Schneider SBD315RC (SBD 315) [RC] 315W 1-3 98%~3% 1-3 88%~3% 1-3	90% ~ 3%	
VADSBO ED 350 [RC] 50~350W 1-3 85%~11% 1-3 85%~17% 1-3	83% ~ 15%	
VADSBO DRS 315 [RC] 50~315W 1-3 92%~3% 1-3 90%~7% 1-3	91% ~ 6%	
VADSBO DU 250 [RC] 20~250W 1-3 83%~3% 1-3 80%~3% 1-3 Variliant HO2W (D) 60~400W 1-3 85%~3% 1-3 80%~3% 1-3	80% ~ 3%	
Varilight HQ3W [R] 60 - 400W 1-3 95% - 3% 1-3 94% - 3% 1-3 Varilight ICT401 M [RC] 20 - 400W t.b.d. t.b.d. <td>93% ~ 3% t.b.d.</td> <td>t.b.d.</td>	93% ~ 3% t.b.d.	t.b.d.
Vimar 20148 [RL] 500W 1-3 94%~3% 1-3 94%~7% 1-3	94% ~ 6%	a.b.d.
Vimar 14153 [R] 1-3 99%~3% 1-3 97%~3% 1-3	98% ~ 3%	
Vimar 20160 [RC] 1-3 92%~3% 1-3 90%~3% 1-3	91% ~ 3%	
Vimar 20162 [RL] 40~300W 1-3 88%~3% 1-3 88%~3% 1-3	91% ~ 3%	
IKEA E0902 - Dim [R] 25~150W 1-3 95%~10% 1-3 92%~12% t.b.d. 1-2	94% ~ 9%	

- #1) Unexpected behaviour can occur outside the range of specified number of lamps. The mentioned numbers are tested. In some cases the dimmers can be loaded with more lamps than is specified in this document (most dimmers can be loaded with LED
- lamps to 20% of specified power; LED dimmers can be loaded to specified power)
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- $\verb|#4b| Yellow cells indication: Dimming range, minimum dim level with the indicated dimmer will be somewhere between 10\%-30\% in the property of the propert$
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- #8) Dimmermanufacturers may change the technical design of the dimmer without informing LED lamp suppliers. These changes can influence the performace of LED products. Philips cannot be held responsible for inaccuracies in the compatibility lists due to technical changes in dimmers





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	This document is for information purposes
x-y	Dimming performance: These dimmers require more than 5 lamps as minimum load	and must be treated as recommendation.
	Unexpected performance behavior, not in line with good dimming perception	Philips attempted to provide best results,
N.A.	Dimmer lamp combination not applicable	results are generated in lab conditions and might contain faults
t.b.d.	Dimmer lamp combination not tested	might contain jauts

											ic LED bulbs					
				,	E27 A60 4.5W - 40W WarmGlow	ı		E27 A60 7.5W - 60W WarmGlow	1	A60 7.5W -	E27 48W Gold / A60 Dimmable	7.5W - 60W	40W A60 CL	E27 / 50W ST64 gold / 9 / 60W A60 CL / 40 / 60W ST64 WGD /	W A60 WGD	
				ø			ū			u u			o o	NEW		
Brand	Туре	Type	Load	Dimming Performance	Dimming Range	Glowing	Dimming Performanc	Dimming Range	Glowing	Dimming Performanc	Dimming Range	Glowing	Dimming Performanc	Dimming	Glowing	
Berker INSTA	286710	[RC]	20 ~ 360 W - Turn	1-3	87% ~ 3%		1-3	98% ~ 4%		1-3	89% ~ 3%		1-3	98% ~ 3%		
Berker INSTA	283010	[R]	60 ~ 400 W - Turn	1-3	90% ~ 3%		1-3	95% ~ 3%		1	92% ~ 3%		2-3	97% ~ 3%		
Bticino	L4407	[]	60 ~ 250 W		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.				
Busch Jaeger ABB	2200 U - 503	[R]	60 ~ 400 W - Turn	1-3	93% ~ 3%		1-3	94% ~ 5%		1-3	93% ~ 3%		1-3	98% ~ 8%		
Busch Jaeger ABB	2247 U	[RL]	20 ~ 500 W - Turn	1-3	90% ~ 3%		1-3	95% ~ 3%		1-3	92% ~ 3%		1-3	98% ~ 3%		
Busch Jaeger ABB Busch Jaeger ABB	2250 U 6513 U - 102	[R] [RC]	60 ~ 600 W - Turn 40 ~ 420 W - Turn	1-3 1-3	92% ~ 3% 94% ~ 8%		1-3 1-3	95% ~ 3% 96% ~ 5%		1-3 1-3	93% ~ 3% 93% ~ 3%		1-3 1-3	97% ~ 3% 99% ~ 3%		
Busch Jaeger ABB	6523 U	[LED]	2 ~ 100 VA-LED - Turn	1-3	86% ~ 3%		1-3	89% ~ 3%		1-3	93% ~ 3% 88% ~ 3%		1-3	97% ~ 3%		
Busch Jaeger ABB	6524 U	[LED]	2 ~ 100 VA-LED - Push (3wire)	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.		0070 070			37.0 3.0		
Busch Jaeger ABB	6526 U	[LED]	2~100 VA-LED - Push (2wire)	1-3	91% ~ 4%		1-3	88% ~ 5%		1-3	97% ~ 3%					
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC]	4 ~ 200W(RC) 4~400W(RL)	1-3	88% ~ 3%		1-3	90% ~ 4%		1-3	90% ~ 4%		2-3	99% ~ 3%		
ELKO Schneider	SBD315RC (315 GLE)	[RC]	315W	1-3	93% ~ 3%		1-3	92% ~ 3%		1-3	90% ~ 3%		2-3	98% ~ 3%		
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC]	420W	1-3	89% ~ 3%	4 le -d	1-3	95% ~ 3%	A le al	2-3	93% ~ 3%			N.A.	N.A.	
Eltako Feller Schneider	EVD61NPN-UC 40200 (SBD200LED CCTCH10601)	[LED/RC]	400W 3-wire Push Module 4 ~ 200W(RC) 4~400W(RL)	t.b.d. 1-3	t.b.d. 88% ~ 3%	t.b.d.	t.b.d. 1-3	t.b.d.	t.b.d.	1-3 1-3	99% ~ 3% 90% ~ 4%		2-3	99% ~ 3%		
Feller Schneider	40300 (SBD315)	[RLC]	300W	13	0070 - 370		13	3070 - 470		13	3070-470		2-3	98% ~ 3%		
Feller Schneider	40420 (SBD420)	[RLC]	420W											N.A.	N.A.	
GIRA	1176-00/01	[RLC]	50 ~ 420W	1-3	93% ~ 5%		1-3	88% ~ 5%		1-3	96% ~ 13%					
GIRA	2390 00/ 100		7 ~ 100W - Push (3wire)	1-3	86% ~ 3%		1-3	91% ~ 3%		1-3	89% ~ 3%					
Hager	EVN 011	[RC]	300VA	1-3	98% ~ 3%		1-3	93% ~ 3%		1-3	99% ~ 3%					
Hager	EVN 012 EVN 004	[RC]	300W 500VA	1-3 1-3	98% ~ 3% 98% ~ 3%		1-3 1-3	93% ~ 3% 93% ~ 3%		1-3 1-3	98% ~ 4% 99% ~ 4%					
Hager INSTA	1176	[RL]	50 ~ 420W	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	1-3	99%~4%					
Jung	225 TDE	[RC]	20 ~ 525 W - Turn	1-3	93% ~ 3%	t.b.d.	1-3	96% ~ 5%	t.b.d.	1-3	90% ~ 4%		1-3	98% ~ 3%		
Jung	1271LEDDE	[LED]	3 ~ 100W - Push (3wire)	1-3	87% ~ 7%		1-3	91% ~ 7%		1-3	90% ~ 3%		1-3	97% ~ 3%		
Klik aan Klik uit	AWMD-250	[LED]	3~ 24W	1-3	82% ~ 4%		1-3	83% ~ 5%		1-3	86% ~ 11%					
Klik aan Klik uit	ACM 300		300W - 3-wire Push LED Dimmer	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	1-3	93% ~ 3%					
Legrand	774161 78401	[RL]	40 ~ 400 W - Turn 40 ~ 500W	1-3	96% ~ 3%	N.A.	1-3	N.A. 93% ~ 3%	N.A.	2-3 1-3	93% ~ 3% 96% ~ 3%		2-3	98% ~ 3%		
Legrand Legrand	67081	[RLC]	40 ~ 400 W - Turn	1-3	96% ~ 3% N.A.	N.A.	1-3	93%~3% N.A.	N.A.	1-3	96% ~ 3% N.A.	N.A.		N.A.	N.A.	
Legrand	67082	[RL]	40 ~ 600 W - Turn		N.A.	N.A.		N.A.	N.A.		N.A.	N.A.	2-3	97% ~ 3%	14.74.	
Legrand	67083	[RLC]	3 ~ 400W		N.A.	N.A.	1-3	90% ~ 3%		1-3	87% ~ 3%					
Legrand	67084	[RLC]	8 - 300 VA - Push LED (3wire)	1-3	95% ~ 3%		1-3	95% ~ 3%		1-3	93% ~ 3%		1-3	97% ~ 3%		
Legrand	67085 (078406)	[RLC]	8 - 300 VA - Push LED (3wire)	1-3	88% ~ 17%		1-3	95% ~ 3%		1-3	95% ~ 3%		1-3	97% ~ 3%		
Legrand	L4402N	[R]	60 ~ 500W	1.2	N.A.	N.A.	2-3	83% ~ 5%		1-3	87% ~ 5%		2.2	0004 204		
Merten Schneider Merten Schneider	SBD200LED (MEG5134-0000) SBD315RC (MEG5136-0000)	[LED/RC] [RC]	4 ~ 200W(RC) 4~400W(RL) 315W	1-3 1-3	88% ~ 3% 93% ~ 3%		1-3 1-3	90% ~ 4% 92% ~ 3%		1-3 1-3	90% ~ 4% 90% ~ 3%		2-3 2-3	99% ~ 3% 98% ~ 3%		
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC]	20 ~ 420 VA	1-3	89% ~ 3%		1-3	95% ~ 3%		2-3	93% ~ 3%			N.A.	N.A.	
MK - Electric	K1535	[R]	65 ~ 450 W - Turn		N.A.	N.A.	1-3	80% ~ 3%		1-3	81% ~ 3%		2-3	93% ~ 3%		
MK - Electric	K1501 WHILV	[R]	60 ~ 500 W - Turn	1-3	85% ~ 3%		1-3	90% ~ 3%		1-3	86% ~ 3%		1-3	98% ~ 3%		
MK - Electric	K4501 WHILV	[RLC]	180W	1-3	88% ~ 3%		1-3	83% ~ 3%		1-3	88% ~ 3%					
MK - Electric PEHA	K4500 WHILV 431HAN	[RLC]	400W 6 ~ 120W [LED] 6~60W	1-3 1-3	88% ~ 3% 88% ~ 4%		1-3 1-3	85% ~ 3% 83% ~ 5%		1-3 1-3	88% ~ 3% 87% ~ 3%					
Philips	UID8670	[LED]	2 ~ 100 VA-LED - Push (3wire)	1-3	86% ~ 3%		1-3	89% ~ 3%		1-3	88% ~ 3%		1-3	97% ~ 3%		
RELCO	RP0977	[LED]	4 - 100W	, ,	300 300		, ,	3370 370		, ,	370			37.6 3.6		
RELCO	RM0545	[LED]	4 - 100W													
Schneider	SBD315RC (SBD 315, SDD 315)	[RC]	315W	1-3	93% ~ 3%		1-3	92% ~ 3%		1-3	90% ~ 3%		2-3	98% ~ 3%		
Schneider	SBD315RC (ATD315)(CCT011533)	[RC]	315W	1-3	93% ~ 3%		1-3	92% ~ 3%		1-3	90% ~ 3%		2-3	98% ~ 3%		
Schneider	SBD200 (WDE 002299)	[]	4 ~ 400VA - Turn Universal (2wire)	1-3	88% ~ 3%		1-3	90% ~ 4%		1-3	90% ~ 4%		2-3	99% ~ 3%		
Schneider VADSBO	SBD315RC (SBD 315) ED 350	[RC]	315W 50 ~ 350W	1-3 1-3	93% ~ 3% 91% ~ 5%		1-3 1-3	90% ~ 4% 85% ~ 5%		1-3 1-3	90% ~ 3% 93% ~ 13%		2-3	98% ~ 3%		
VADSBO	DRS 315	[RC]	50 ~ 315W	1 3	91% ~ 5% N.A.	N.A.	1-3	93% ~ 3%	<2	1-3	95% ~ 3%					
VADSBO	DU 250	[RC]	20 ~ 250W	1-3	88% ~ 3%	<4	1-3	83% ~ 3%		1-3	88% ~ 3%					
Varilight	HQ3W	[R]	60 - 400W	1-3	92% ~ 3%		1-3	99% ~ 3%		1-3	91% ~ 3%		2-3	97% ~ 3%		
Varilight	ICT401 M	[RC]	20 - 400W	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	1-3	87% ~ 3%					
Vimar	20148	[RL]	500W		N.A.	N.A.		N.A.	N.A.	1-3	92% ~ 3%		1-3	98% ~ 3%		
Vimar	14153	[R]		1-3	98% ~ 3%		1-3	98% ~ 3%		1-3	98% ~ 3%					
Vimar	20160	[RC]	40 ~ 300W		N.A.	N.A.	1-3	93% ~ 3%	<4 N A	1-3 1-3	94% ~ 3%		1-3	98% ~ 3%		
Vimar IKEA	20162 E0902 - Dim	[RL] [R]	40 ~ 300W 25 ~ 150W	1-3	N.A. 91% ~ 1%	N.A.	1-3	N.A. 93% ~ 1%	N.A.	1-3 1-3	91% ~ 3% 93% ~ 3%		1-3 1-3	98% ~ 3% 98% ~ 3%		
INLA	EU30Z DIIII	ניין	25 - IJUVV	1-3	3170 ~ 170		1-3	3370~170		1-3	3370~370		1-3	3070~370		

Note

- #1) Unexpected behaviour can occur outside the range of specified number of lamps. The mentioned numbers are tested. In some cases the dimmers can be loaded with more lamps than is specified in this document (most dimmers can be loaded with LED
- lamps to 20% of specified power; LED dimmers can be loaded to specified power)
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 #5) Various dimmer suppliers offer "active loads" (e.g. Busch Jaeger Kompensator 6596) to optimize dimming performance in case of lamp-dimmer system issues. Using double pole switches will prevent glowing issues.
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Disclaimer:





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	This document is for info
x-y	Dimming performance: These dimmers require more than 5 lamps as minimum load	and must be treated as
	Unexpected performance behavior, not in line with good dimming perception	Philips attempted to pro
N.A.	Dimmer lamp combination not applicable	results are generated in might contain faults
thd	Nimmer Jamp combination not tested	migni contain jaatts

nformation purposes as recommendation. orovide best results, I in lab conditions and

LED candle / LED lustre

					E14/E27 4 - 25W Dimmable WarmGlo	w		E14 / E27 6 - 40W Dimmable WarmGlow	,	E14 60W B40 / 40W P48 Dimmable Wamglow			
				T T			The state of the s			A Division of the Control of the Con		X	
				Dimming Performance	Dimming Range	ving	Dimming Performance	ming ge	ving	Dimming	Dimming Range Amage Amag	rja Bir	
Brand	Туре	Туре	Load	Dim. Perf	Dim	Glowing	Dim. Perf	Dimmir Range	Glowing		Dim. Rang	Glowing	
Berker INSTA Berker INSTA	286710 283010	[RC]	20 ~ 360 W - Turn 60 ~ 400 W - Turn	2-18	96% ~ 3% 89% ~ 3%		2-12 2-13	93% ~ 3% 89% ~ 3%		2-12	90% ~ 3%		
Bticino	L4407	[]	60 ~ 250 W	2-20	N.A.	N.A.	2=13	N.A.	N.A.				
Busch Jaeger ABB	2200 U - 503	[R]	60 ~ 400 W - Turn	2-20	92% ~ 3%		2-13	92% ~ 3%					
Busch Jaeger ABB	2247 U	[RL]	20 ~ 500 W - Turn	2-25	91% ~ 3%		2-17	91% ~ 3%		2.15	029/ 29/		
Busch Jaeger ABB Busch Jaeger ABB	2250 U 6513 U - 102	[R] [RC]	60 ~ 600 W - Turn 40 ~ 420 W - Turn	2-30 2-21	88% ~ 3% 94% ~ 3%		2-20 2-14	93% ~ 3% 91% ~ 3%		2-15 2-14	92% ~ 3% 91% ~ 3%		
Busch Jaeger ABB	6523 U	[LED]	2 ~ 100 VA-LED - Turn	2-20	84% ~ 3%		2-17	83% ~ 3%		2-15	88% ~ 3%		
Busch Jaeger ABB	6524 U	[LED]	2 ~ 100 VA-LED - Push (3wire)	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.					
Busch Jaeger ABB ELKO Schneider	6526 U SBD200LED (CCTEL10501)	[LED]	2 ~ 100 VA-LED - Push (2wire) 4 ~ 200W(RC) 4~400W(RL)	2-20 2-20	88% ~ 7% 95% ~ 3%	<4	2-17 2-13	88% ~ 5% 92% ~ 3%	< 6	2-13	90% ~ 3%		
ELKO Schneider	SBD315RC (315 GLE)	[RC]	315W	2-15	88% ~ 3%		2-11	87% ~ O%		2-13	90% ~ 3%		
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC]	420W	2-20	91% ~ 3%		2-14	90% ~ 3%		tbd	tbd	tbd	
Eltako	EVD61NPN-UC		400W 3-wire Push Module	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	2.42	0.004 304		
Feller Schneider Feller Schneider	40200 (SBD200LED CCTCH10601) 40300 (SBD315)	[LED/RC]	4 ~ 200W(RC) 4~400W(RL)	2-20	95% ~ 3%		2-13	92% ~ 3%		2-13 2-11	90% ~ 3% 90% ~ 3%		
Feller Schneider	40420 (SBD420)	[RLC]	420W							tbd	tbd	tbd	
GIRA	1176-00/01	[RLC]	50 ~ 420W	2-20	95% ~ 7%	<7	2-14	95% ~ 5%	< 9				
GIRA	2390 00/ 100	(DC)	7 ~ 100W - Push (3wire)	2-25	94% ~ 3%	-	2-17	92% ~ 3%	.10				
Hager Hager	EVN 011 EVN 012	[RC]	300VA 300W		95% ~ 4% 95% ~ 4%	<7 <7	2-10 2-10	96% ~ 3% 95% ~ 3%	< 10 < 10				
Hager	EVN 004	[RL]	500VA		95% ~ 7%	<7	2-17	96% ~ 4%	< 11				
INSTA	1176	[RLC]	50 ~ 420W	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.					
Jung	225 TDE 1271LEDDE	[RC]	20 ~ 525 W - Turn	2-26 2-25	89% ~ 3% 93% ~ 4%		2-18	89% ~ 3% 92% ~ 3%		2-10 2-15	89% ~ 3%		
Jung Klik aan Klik uit	AWMD-250	[LED]	3 ~ 100W - Push (3wire) 3~ 24W	2-25	93% ~ 4% 78% ~ 7%	< 6	2-17 2-4	92% ~ 3% 77% ~ 4%	< 5	2-15	90% ~ 3%		
Klik aan Klik uit	ACM 300		300W - 3-wire Push LED Dimmer	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.				
Legrand	774161	[RL]	40 ~ 400 W - Turn		N.A.	N.A.		N.A.	N.A.				
Legrand Legrand	78401 67081	[RLC]	40 ~ 500W 40 ~ 400 W - Turn	2-20	95% ~ 4% N.A.	<7 N.A.	2-13	93% ~ 4% N.A.	< 9 N.A.		N.A.	N.A.	
Legrand	67082	[RL]	40 ~ 600 W - Turn		N.A.	N.A.		N.A.	N.A.		Turk.	TAIA.	
Legrand	67083	[RLC]	3 ~ 400W		N.A.	N.A.		N.A.	N.A.				
Legrand Legrand	67084 67085 (078406)	[RLC]	8 - 300 VA - Push LED (3wire) 8 - 300 VA - Push LED (3wire)	2-15	N.A. 94% ~ 3%	N.A.	2-10	N.A. 91% ~ 3%	N.A.	2-10	95% ~ 3%		
Legrand	L4402N	[RLC]	60 ~ 500W	2-15	79% ~ 4%		8-17	79% ~ 4%		2-10	95% ~ 3%		
Merten Schneider	SBD200LED (MEG5134-0000)		4 ~ 200W(RC) 4~400W(RL)	2-20	95% ~ 3%		2-13	92% ~ 3%		2-13	90% ~ 3%		
Merten Schneider	SBD315RC (MEG5136-0000)	[RC]	315W	2-15	88% ~ 3%		2-11	87% ~ 3%		2-11	90% ~ 3%		
Merten Schneider MK - Electric	SBD420RCRL (MEG5138-0000) K1535	[RLC]	20 ~ 420 VA 65 ~ 450 W - Turn	2-20 2-23	91% ~ 3% 79% ~ 3%		2-14 2-15	90% ~ 3% 77% ~ 3%		tbd 2-15	tbd 80% ~ 3%	tbd	
MK - Electric	K1501 WHILV	[R]	60 ~ 500 W - Turn	2-25	88% ~ 3%		2-17	87% ~ 3%		2 13	00%-3%		
MK - Electric	K4501 WHILV	[RLC]	180W		83% ~ 3%		2-7	82% ~ 3%					
MK - Electric	K4500 WHILV	[RLC]	400W		83% ~ 3%			N.A.	N.A.				
PEHA Philips	431HAN UID8670	[RL]	6 ~ 120W [LED] 6~60W 2 ~ 100 VA-LED - Push (3wire)	2-20	82% ~ 7% 84% ~ 3%		2-4 2-17	82% ~ 5% 83% ~ 3%		2-15	88% ~ 3%		
RELCO	RP0977	[LED]	4 - 100W	2 23			2 .//	370 370		2.13			
RELCO	RM0545	[LED]	4 - 100W										
Schneider Schneider	SBD315RC (SBD 315, SDD 315) SBD315RC (ATD315)(CCT011533)	[RC]	315W 315W	2-15 2-15	88% ~ 3% 88% ~ 3%		2-11 2-11	87% ~ 3% 87% ~ 3%		2-11 2-11	90% ~ 3% 90% ~ 3%		
Schneider	SBD200 (WDE 002299)	[]	4 ~ 400VA - Turn Universal (2wire)	2-15	95% ~ 3%		2-11	92% ~ 3%		2-11	90% ~ 3%		
Schneider	SBD315RC (SBD 315)	[RC]	315W	2-15	88% ~ 3%		2-11	87% ~ 3%		2-11	90% ~ 3%		
VADSBO	ED 350	[RC]	50 ~ 350W	2-18	88% ~ 7%		2-12	84% ~ 4%					
VADSBO VADSBO	DRS 315 DU 250	[RC]	50 ~ 315W 20 ~ 250W	4-16 2-13	89% ~ 4% 86% ~ 3%		5-11 2-8	91% ~ 4% 79% ~ 3%	< 12 < 8				
Varilight	HQ3W	[R]	60 - 400W	2-13	91% ~ 3%		2-6 2-13	90% ~ 3%		2-13	90% ~ 3%		
Varilight	ICT401 M	[RC]	20 - 400W	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.					
Vimar	20148	[RL]	500W	6-25	90% ~ 3%	<6	4-17	92% ~ 3%	<4 -				
Vimar Vimar	14153 20160	[R]		2-20	99% ~ 3% 89% ~ 3%		2-17 2-10	96% ~ 3% 89% ~ 3%	< 7 < 11				
Vimar	20162	[RL]	40 ~ 300W	6-15	92% ~ 3%	<6	4-10	86% ~ 3%	<4				
IKEA	E0902 - Dim	[R]	25 ~ 150W	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.					

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x-y	Excellent dimming with X-Y lamps, however external factors can negatively influence the deep dimming performance	This document is for information purpo
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N.A.	Dimmer lamp combination not applicable	results are generated in lab conditions might contain faults
t.b.d.	Dimmer lamp combination not tested	might contain judits

					E14 4 - 15W Flame		B35 25W CL B35 40W CL B35 35W Gold			
					Ī				ŤŤ	
		ı		Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range Man	Glowing	
Brand Berker INSTA	Type 286710	Type [RC]	Load 20 ~ 360 W - Turn	2-20	89% ~ 16%	<u></u>	2-8	99% ~ 3%	<u></u>	
Berker INSTA	283010	[R]	60 ~ 400 W - Turn	2-20	93% ~ 12%		2-8	99% ~ 3%		
Bticino	L4407	0	60 ~ 250 W		N.A.	N.A.				
Busch Jaeger ABB	2200 U - 503	[R]	60 ~ 400 W - Turn	2-20	94% ~ 14%		2-8	99% ~ 12%		
Busch Jaeger ABB	2247 U	[RL]	20 ~ 500 W - Turn	2-20	93% ~ 3%		2-8	99% ~ 3%		
Busch Jaeger ABB Busch Jaeger ABB	2250 U 6513 U - 102	[R] [RC]	60 ~ 600 W - Turn 40 ~ 420 W - Turn	2-20 2-20	94% ~ 3% 91% ~ 15%		3-8 2-8	99% ~ 3% 99% ~ 3%		
Busch Jaeger ABB	6523 U	[LED]	2 ~ 100 VA-LED - Turn	2-20	88% ~ 3%		2-6	99% ~ 3%		
Busch Jaeger ABB	6524 U	[LED]	2 ~ 100 VA-LED - Push (3wire)							
Busch Jaeger ABB	6526 U	[LED]	2 ~ 100 VA-LED - Push (2wire)	2-20	96% ~ 14%					
ELKO Schneider	SBD200LED (CCTEL10501)		4 ~ 200W(RC) 4~400W(RL)	2-20	89% ~ 21%		2-8	99% ~ 3%		
ELKO Schneider ELKO Schneider	SBD315RC (315 GLE) SBD420RCRL (CCTEL13011)	[RC]	315W 420W	2-16 2-20	88% ~ 3% 94% ~ 5%		3-8 3-8	99% ~ 3% 99% ~ 3%		
Eltako	EVD61NPN-UC	[REC]	400W 3-wire Push Module	2-20	99% ~ 5%		3 0	3370 - 370		
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC]		2-20	89% ~ 21%		2-8	99% ~ 3%		
Feller Schneider	40300 (SBD315)	[RLC]	300W				3-8	99% ~ 3%		
Feller Schneider	40420 (SBD420)	[RLC]	420W				3-8	99% ~ 3%		
GIRA	1176-00/01 2390 00/ 100	[RLC]	50 ~ 420W 7 ~ 100W - Push (3wire)	2-20 2-20	98% ~ 29% 89% ~ 7%		2-8	99% ~ 19%		
Hager	EVN 011	[RC]	300VA	2-15	89% ~ 7%		2-0	3976 - 1976		
Hager	EVN 012	[RC]	300W	2-15	97% ~ 19%					
Hager	EVN 004	[RL]	500VA	2-20	98% ~ 20%					
INSTA	1176	[RLC]	50 ~ 420W							
Jung	225 TDE 1271LEDDE	[RC]	20 ~ 525 W - Turn 3 ~ 100W - Push (3wire)	2-20 2-20	91% ~ 19% 90% ~ 5%		2-8 2-8	99% ~ 3% 99% ~ 3%		
Jung Klik aan Klik uit	AWMD-250	[LED]	3~ 100W - Push (Swile)	2-20	84% ~ 29%		2-6	99%~ 3%		
Klik aan Klik uit	ACM 300		300W - 3-wire Push LED Dimmer		N.A.	N.A.				
Legrand	774161	[RL]	40 ~ 400 W - Turn		N.A.	N.A.	3-8	99% ~ 3%		
Legrand	78401	[RLC]	40 ~ 500W	2-20	96% ~ 14%					
Legrand Legrand	67081 67082	[RL]	40 ~ 400 W - Turn 40 ~ 600 W - Turn		N.A. N.A.	N.A. N.A.	3-8 3-8	99% ~ 3% 99% ~ 3%		
Legrand	67083	[RLC]	3 ~ 400W		N.A.	N.A.	3 0	3370 - 370		
Legrand	67084	[RLC]	8 - 300 VA - Push LED (3wire)	2-20	94% ~ 9%		2-8	99% ~ 3%		
Legrand	67085 (078406)	[RLC]	8 - 300 VA - Push LED (3wire)	2-20	94% ~ 9%		2-8	99% ~ 3%		
Legrand	L4402N	[R]	60 ~ 500W	5-20	84% ~ 21%		2.0	00% 2%		
Merten Schneider Merten Schneider	SBD200LED (MEG5134-0000) SBD315RC (MEG5136-0000)	[RC]	4 ~ 200W(RC) 4~400W(RL)	2-20 2-16	89% ~ 21% 88% ~ 3%		2-8 3-8	99% ~ 3% 99% ~ 3%		
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC]	20 ~ 420 VA	2-20	94% ~ 5%		3-8	99% ~ 3%		
MK - Electric	K1535	[R]	65 ~ 450 W - Turn	2-20	80% ~ 11%		3-8	99% ~ 3%		
MK - Electric	K1501 WHILV	[R]	60 ~ 500 W - Turn	3-20	85% ~ 11%		3-8	99% ~ 3%		
MK - Electric MK - Electric	K4501 WHILV K4500 WHILV	[RLC]	180W 400W	2-10 2-20	86% ~ 10% 87% ~ 10%					
PEHA	431HAN	[RL]	6 ~ 120W [LED] 6~60W	2-20	86% ~ 3%					
Philips	UID8670	[LED]	2 ~ 100 VA-LED - Push (3wire)	2-20	88% ~ 3%		2-6	99% ~ 3%		
RELCO	RP0977	[LED]	4 - 100W							
RELCO	RM0545	[LED]	4 - 100W					2011 211		
Schneider Schneider	SBD315RC (SBD 315, SDD 315) SBD315RC (ATD315)(CCT011533)	[RC]	315W 315W	2-16 2-16	88% ~ 3% 88% ~ 3%		3-8 3-8	99% ~ 3% 99% ~ 3%		
Schneider	SBD200 (WDE 002299)		4 ~ 400VA - Turn Universal (2wire)	2-20	89% ~ 21%		2-8	99% ~ 3%		
Schneider	SBD315RC (SBD 315)	[RC]	315W	2-16	88% ~ 3%		3-8	99% ~ 3%		
VADSBO	ED 350	[RC]	50 ~ 350W	2-20	89% ~ 25%					
VADSBO	DRS 315	[RC]	50 ~ 315W	10-16	93% ~ 15%					
VADSBO Varilight	DU 250 HQ3W	[RC]	20 ~ 250W 60 - 400W	2-13 2-20	84% ~ 3% 92% ~ 3%		3-8	99% ~ 3%		
Varilight	ICT401 M	[RC]	20 - 400W	2-20	92% ~ 3% 84% ~ 9%		J-0	9970 ~ 370		
Vimar	20148	[RL]	500W	2-20	91% ~ 8%		2-8	99% ~ 3%	<2	
Vimar	14153	[R]		2-20	99% ~ 3%					
Vimar	20160	[RC]	10, 2001/	3-20	93% ~ 3%					
Vimar IKEA	20162 E0902 - Dim	[RL] [R]	40 ~ 300W 25 ~ 150W	2-20 2-8	89% ~ 11% 92% ~ 12%		2-8 2-8	99% ~ 3% 99% ~ 3%	<2	
INLA	LUSUZ DIIII	ויא	25 - ISOW	2-0	92 10 ~ 1270		2-0	9370~370		

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x-y	Dimming performance: These dimmers require more than 5 lamps as minimum load	ar
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N.A.	Dimmer lamp combination not applicable	re: mi
t.b.d.	Dimmer lamp combination not tested	,,,,

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Classic LED spot

				LED	GU10 CMN24:MT129 WarmGlow	9U10	ι	GU10 ED Classic 50\ Warmglow	W		GU10 3.5 - 35W Dimmable			GU10 4.6 - 50W Dimmable			GU10 80W Dim	
					2 2			2 2			THE LOS OF			Here is a second of the second)		The state of the s	
				ing mance	NEW BB	æ	ing mance	NEW	ä	ing mance	D	Bu	ing mance	<u> </u>	ğ	ing mance	NEW	8
Brand	Туре	Туре	Load	Dimming Performar	Dimmin	Glowing	Dimming Performa	Dimmin Range	Glowing	Dimming Performa	Dimmir Range	Glowing	Dimming Perform	Dimming Range	Slowing	Dimming Performa	Dimmin Range	Glowing
Berker INSTA	286710	[RC]	20 ~ 360 W - Turn	2-8	94% ~ 8%		2-8	92% ~ 3%		2-20	91% ~ 25%		2-15	85% ~ 19%		2-5	89% ~ 20%	
Berker INSTA	283010	[R]	60 ~ 400 W - Turn	2-8	87% ~ 3%		2-8	93% ~ 3%		2-20	95% ~ 24%		2-15	88% ~ 19%		2-5	93% ~ 20%	
Bticino	L4407	[]	60 ~ 250 W								N.A.	N.A.		N.A.	N.A.			
Busch Jaeger ABB Busch Jaeger ABB	2200 U - 503 2247 U	[R] [RL]	60 ~ 400 W - Turn 20 ~ 500 W - Turn	2-8 2-8	86% ~ 4% 86% ~ 3%		2-8 2-8	92% ~ 3% 94% ~ 3%		2-18 2-20	93% ~ 19% 93% ~ 10%		2-15 2-18	89% ~ 17% 97% ~ 6%		2-5 2-5	91% ~ 17% 93% ~ 7%	
Busch Jaeger ABB	2250 U	[R]	60 ~ 600 W - Turn	2-8	89% ~ 3%		2-8	94% ~ 3%		2-20	96% ~ 7%		2-10	98% ~ 4%		2-5	95% ~ 4%	
Busch Jaeger ABB	6513 U - 102	[RC]	40 ~ 420 W - Turn	2-8	96% ~ 4%		2-8	94% ~ 3%		2-20	94% ~ 23%		2-15	87% ~ 20%		2-5	92% ~ 18%	
Busch Jaeger ABB	6523 U	[LED]	2 ~ 100 VA-LED - Turn	2-8	89% ~ 3%		2-8	89% ~ 3%		2-20	90% ~ 2%		2-20	93% ~ 17%		2-5	88% ~ 3%	
Busch Jaeger ABB	6524 U	[LED]	2 ~ 100 VA-LED - Push (3wire)															
Busch Jaeger ABB	6526 U	[LED]	2 ~ 100 VA-LED - Push (2wire)		NI A	N A	2.0	02% 2%		2-20	96% ~ 24%		2-18	96% ~ 18%		2.5	00% 24%	
ELKO Schneider ELKO Schneider	SBD200LED (CCTEL10501) SBD315RC (315 GLE)	[RC]	4 ~ 200W(RC) 4~400W(RL)	3-8	N.A. 95% ~ 3%	N.A.	2-8 2-8	92% ~ 3% 92% ~ 3%		2-20 2-14	92% ~ 29% 91% ~ 6%		2-15 2-11	85% ~ 23% 91% ~ 5%		2-5 2-5	90% ~ 24% 89% ~ 4%	
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC]	420W		N.A.	N.A.	3-8	95% ~ 3%		2-14	94% ~ 14%		2-15	97% ~ 13%		2-5	95% ~ 12%	
Eltako	EVD61NPN-UC		400W 3-wire Push Module							2-14	99% ~ 15%	< 19	2-15	99% ~ 14%	< 16			
Feller Schneider	40200 (SBD200LED CCTCH10601)	[LED/RC]	4 ~ 200W(RC) 4~400W(RL)		N.A.	N.A.	2-8	92% ~ 3%		2-20	92% ~ 29%		2-15	85% ~ 23%		2-5	90% ~ 24%	
Feller Schneider	40300 (SBD315)	[RLC]	300W	3-8	95% ~ 3%		2-8	92% ~ 3%								2-5	89% ~ 4%	
Feller Schneider	40420 (SBD420)	[RLC]	420W		N.A.	N.A.	3-8	95% ~ 3%		2.10	0.49/ 3.69/		2.15	05% 23%		2-5	95% ~ 12%	
GIRA	1176-00/01 2390 00/ 100	[RLC]	50 ~ 420W 7 ~ 100W - Push (3wire)	2-8	91% ~ 3%					2-19 2-13	94% ~ 36% 97% ~ 13%		2-15 2-18	95% ~ 32% 90% ~ 14%		2-5	88% ~ 36%	
Hager	EVN 011	[RC]	300VA	2.0	3170 - 370					2-14	97% ~ 19%	< 6	2-11	97% ~ 16%	< 12	2 3	00% - 30%	
Hager	EVN 012	[RC]	300W							2-14	98% ~ 19%	< 5	2-11	97% ~ 16%	< 12			
Hager	EVN 004	[RL]	500VA							2-20	98% ~ 19%		2-18	97% ~ 16%				
INSTA	1176	[RLC]	50 ~ 420W															
Jung	225 TDE	[RC]	20 ~ 525 W - Turn	2-8	96% ~ 8%		2-8	91% ~ 3%		2-20	92% ~ 26%		2-15	87% ~ 22%		2-5	89% ~ 19%	
Jung Klik aan Klik uit	1271LEDDE AWMD-250	[LED]	3 ~ 100W - Push (3wire) 3~ 24W	2-8	91% ~ 3%		2-8	91% ~ 3%		2-20 2-5	93% ~ 37% 88% ~ 3%		2-20 2-4	88% ~ 35% 87% ~ 37%		2-5	88% ~ 11%	
Klik aan Klik uit	ACM 300	[CCD]	300W - 3-wire Push LED Dimmer							2-14	93% ~ 3%		2 4	N.A.	N.A.			
Legrand	774161	[RL]	40 ~ 400 W - Turn		N.A.	N.A.	2-8	94% ~ 3%			N.A.	N.A.		N.A.	N.A.	2-5	94% ~ 17%	
Legrand	78401	[RLC]	40 ~ 500W							2-18	96% ~ 3%	< 3	2-15	92% ~ 16%	< 3			
Legrand	67081	[RL]	40 ~ 400 W - Turn		N.A.	N.A.	3-8	95% ~ 3%			N.A.	N.A.		N.A.	N.A.	2-5	93% ~ 15%	
Legrand	67082 67083	[RL]	40 ~ 600 W - Turn 3 ~ 400W		N.A.	N.A.	3-8	94% ~ 3%		2-3	N.A.	N.A.		N.A.	N.A.	2-5	95% ~ 17%	
Legrand Legrand	67084	[RLC]	8 - 300 VA - Push LED (3wire)	2-8	96% ~ 4%	<3	2-8	93% ~ 3%		2-18	89% ~ 12% 98% ~ 20%		2-15	N.A. 88% ~ 15%	N.A.	2-5	93% ~ 13%	
Legrand	67085 (078406)	[RLC]	8 - 300 VA - Push LED (3wire)	2-8	99% ~ 3%		2-8	95% ~ 3%			N.A.	N.A.	2-11	99% ~ 3%		2-5	97% ~ 3%	
Legrand	L4402N	[R]	60 ~ 500W							8-20	91% ~ 30%		3-18	86% ~ 28%				
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC]	4 ~ 200W(RC) 4~400W(RL)		N.A.	N.A.	2-8	92% ~ 3%		2-20	92% ~ 29%		2-15	85% ~ 23%		2-5	90% ~ 24%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC]	315W	3-8	95% ~ 3%		2-8	92% ~ 3%		2-14	91% ~ 6%		2-11	91% ~ 5%		2-5	89% ~ 4%	
Merten Schneider MK - Electric	SBD420RCRL (MEG5138-0000) K1535	[RLC]	20 ~ 420 VA 65 ~ 450 W - Turn		N.A.	N.A.	3-8 2-8	95% ~ 3% 70% ~ 3%		2-19 3-20	94% ~ 14% 85% ~ 20%		2-15 2-15	97% ~ 13% 77% ~ 15%		2-5 2-5	95% ~ 12% 81% ~ 17%	
MK - Electric	K1501 WHILV	[R]	60 ~ 500 W - Turn	2-8	N.A. 80% ~ 3%	14.74.	2-8	87% ~ 3%		3-20	85% ~ 20%		2-15	81% ~ 17%		2-5	86% ~ 15%	
MK - Electric	K4501 WHILV	[RLC]	180W							3-10	89% ~ 19%		2-8	90% ~ 19%				
MK - Electric	K4500 WHILV	[RLC]	400W							3-15	90% ~ 20%		2-15	88% ~ 19%				
PEHA	431HAN	[RL]	6 ~ 120W [LED] 6~60W							2-5	89% ~ 10%		2-4	87% ~ 10%				
Philips	UID8670	[LED]	2 ~ 100 VA-LED - Push (3wire)	2-8	89% ~ 3%		2-8	89% ~ 3%		2-20	90% ~ 3%		2-20	93% ~ 17%		2-5	88% ~ 3%	
RELCO RELCO	RP0977 RM0545	[LED]	4 - 100W 4 - 100W															
Schneider	SBD315RC (SBD 315, SDD 315)	[RC]	315W	3-8	95% ~ 3%		2-8	92% ~ 3%		2-14	91% ~ 6%		2-11	91% ~ 5%		2-5	89% ~ 4%	
Schneider	SBD315RC (ATD315)(CCT011533)	[RC]	315W	3-8	95% ~ 3%		2-8	92% ~ 3%		2-14	91% ~ 6%		2-11	91% ~ 5%		2-5	89% ~ 4%	
Schneider	SBD200 (WDE 002299)	0	4 ~ 400VA - Turn Universal (2wire)		N.A.	N.A.	2-8	92% ~ 3%		2-20	92% ~ 29%		2-15	85% ~ 23%		2-5	90% ~ 24%	
Schneider	SBD315RC (SBD 315)	[RC]	315W	3-8	95% ~ 3%		2-8	92% ~ 3%		2-14	91% ~ 6%		2-11	91% ~ 5%		2-5	89% ~ 4%	
VADSBO	ED 350	[RC]	50 ~ 350W							2-16	93% ~ 34%	.15	2-13	88% ~ 29%	-10			
VADSBO VADSBO	DRS 315 DU 250	[RC]	50 ~ 315W 20 ~ 250W							8-14 2-11	95% ~ 24% 89% ~ 11%	< 15 < 12	3-11 2-9	97% ~ 21% 89% ~ 9%	< 12 < 10			
Varilight	HQ3W	[R]	60 - 400W	2-8	85% ~ 3%		2-8	93% ~ 3%		2-11	98% ~ 14%	12	2-15	88% ~ 8%	10	2-5	91% ~ 10%	
Varilight	ICT401 M	[RC]	20 - 400W							2-18	94% ~ 10%		2-15	92% ~ 7%				
Vimar	20148	[RL]	500W	2-8	87% ~ 3%	<9	3-8	92% ~ 3%	< 9	2-20	94% ~ 17%		2-18	88% ~ 16%	< 4	2-5	93% ~ 14%	< 6
Vimar	14153	[R]								2-20	98% ~ 3%		2-18	97% ~ 9%				
Vimar	20160	[RC]	40 - 200W	2.0	0.49/ .40/	-0	2.0	Q19/ 30/	-0	2-14	94% ~ 13%	< 15	2-18	94% ~ 12%	< 19	2.5	00% 13%	-6
Vimar IKEA	20162 E0902 - Dim	[RL] [R]	40 ~ 300W 25 ~ 150W	2-8 2-8	94% ~ 4% 87% ~ 3%	<9 <2	2-8 2-6	91% ~ 3% 93% ~ 3%	<9	3-13 t.b.d.	93% ~ 14% t.b.d.	t.b.d.	2-11 t.b.d.	84% ~ 11% t.b.d.	< 4 t.b.d.	2-5	90% ~ 13% 94% ~ 3%	<6
INCA	LUJUZ DIIII	[iv]	25 15044	2-0	07/0~3/0	<u></u> Z	2-0	3370~370		t.b.u.	t.D.u.	i.b.u.	L.D.U.	t.D.u.	i.b.u.	2.3	3470 ~ 370	

- #1) Unexpected behaviour can occur outside the range of specified number of lamps. The mentioned numbers are tested. In some cases the dimmers can be loaded with more lamps than is specified in this document (most dimmers can be loaded with LED
- lamps to 20% of specified power; LED dimmers can be loaded to specified power) #2) Occupancy sensors can act like dimmers, therefore Philips recommends to use dimmable lamps in combination with it.
- #3) Glowing means: a switched off dimmer still having the possibility that a small light output is visible. This status can occur when a low quantity of lamps is connected. #4) Yellow cells indication: Sometimes flickering is observed due to low dimmer loads, best visible at deep dimming
- #4a) Yellow cells indication: Dimming performance: LED's have much lower load (wattage) than traditional lightsources. (e.g. flickering where "active loads" can reduce your problems)
- $\verb|#4b| Yellow cells indication: Dimming range, minimum dim level with the indicated dimmer will be somewhere between 10\%-30\% in the property of the propert$
- #5) Various dimmer suppliers offer "active loads" (e.g. Busch Jaeger Kompensator 6596) to optimize dimming performance in case of lamp-dimmer system issues. Using double pole switches will prevent glowing issues. #7) This list is based on measurements in a lab environment with nominal voltage, a different voltage will result in a different dimming range. Therefor we indicated 3% as minimum lightlevel as labcondition.
- #8) Dimmermanufacturers may change the technical design of the dimmer without informing LED lamp suppliers. These changes can influence the performace of LED products. Philips cannot be held responsible for inaccuracies in the compatibility lists due to technical changes in dimmers





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	C-y Dimming performance: These dimmers require more than 5 lamps as minimum load							
	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. Philips attempted to provide best results, results are generated in lab conditions and might contain faults

				Classic LED spot											
					R50 5W - 60W Dimmable			PAR20 50W			PAR30 75W			PAR38 100W	
											530				
								NEW			NEW			NEW	
Brand	Туре	Туре	Load	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing	Dimming Performance	Dimming Range	Glowing
Berker INSTA	286710	[RC]	20 ~ 360 W - Turn	2-10	90%~20%		1-10	91% ~ 12%		1-8	93% ~ 12%		1-5	94% ~ 13%	
Berker INSTA Bticino	283010 L4407	[R]	60 ~ 400 W - Turn 60 ~ 250 W	2-10	94%~8% N.A.	N.A.	1-5	93% ~ 6% N.A.	N.A.	1-8	96% ~ 11% N.A.	N.A.	1-5	96% ~ 12% N.A.	N.A.
Busch Jaeger ABB	2200 U - 503	[R]	60 ~ 400 W - Turn	2-10	94%~16%	< 2	1-10	93% ~ 6%	IV.A.	1-8	95% ~ 11%	IN.A.	1-8	97% ~ 57%	IV.A.
Busch Jaeger ABB	2247 U	[RL]	20 ~ 500 W - Turn	2-10	92%~3%		1-14	92% ~ 3%		1-11	94% ~ 3%		1-8	95% ~ 3%	
Busch Jaeger ABB	2250 U	[R]	60 ~ 600 W - Turn	2-10	92%~3%		1-8	95% ~ 3%		1-13	96% ~ 3%		1-9	96% ~ 3%	
Busch Jaeger ABB	6513 U - 102	[RC]	40 ~ 420 W - Turn	2-10	96%~20%		1-15	92% ~ 12%		1-9	93% ~ 12%		1	93% ~ 12%	
Busch Jaeger ABB Busch Jaeger ABB	6523 U 6524 U	[LED]	2 ~ 100 VA-LED - Turn 2 ~ 100 VA-LED - Push (3wire)	2-10 t.b.d.	92%~3% t.b.d.	t.b.d.	1-14	93% ~ 3%		1-11	95% ~ 3%		1-15	96% ~ 3%	
Busch Jaeger ABB	6526 U	[LED]	2 ~ 100 VA-LED - Push (2wire)	1-16	95%~20%	t.b.a.	1-17	94% ~ 10%		1-11	95% ~ 12%		1-8	93% ~ 11%	
ELKO Schneider	SBD200LED (CCTEL10501)	[LED/RC]		2-10	88%~20%		1-10	92% ~ 14%		1-8	92% ~ 18%		1-5	93% ~ 15%	
ELKO Schneider	SBD315RC (315 GLE)	[RC]	315W	2-10	88%~3%		1-9	92% ~ 4%		1-7	94% ~ 4%		1-5	94% ~ 4%	
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC]	420W	1.10	N.A.	N.A.	1-12	94% ~ 7%		1-9	96% ~ 7%			N.A.	N.A.
Eltako Feller Schneider	EVD61NPN-UC 40200 (SBD200LED CCTCH10601)	[LED/RC]	400W 3-wire Push Module 4 ~ 200W(RC) 4~400W(RL)	1-16 2-10	97%~12% 88%~20%	<17	1-13 1-10	98% ~ 7% 92% ~ 14%		1-8 1-8	95% ~ 7% 92% ~ 18%		1-6 1-5	96% ~ 8% 93% ~ 15%	
Feller Schneider	40300 (SBD315)	[RLC]	300W	2 10	0070-2070		1-9	92% ~ 4%		1-7	94% ~ 4%		1-5	94% ~ 4%	
Feller Schneider	40420 (SBD420)	[RLC]	420W				1-12	94% ~ 7%		1-9	96% ~ 7%			N.A.	N.A.
GIRA	1176-00/01	[RLC]	50 ~ 420W	1-16	94%~30%		1-14	96% ~ 17%		1-9	88% ~ 7%			N.A.	N.A.
GIRA	2390 00/ 100		7 ~ 100W - Push (3wire)	2-10	92%~8%		1-10	93% ~ 3%		1-9	97% ~ 3%		1-5	94% ~ 4%	
Hager	EVN 011	[RC]	300VA	1-12	97%~14%	< 13 < 13	1-10	98% ~ 8%		1-6	96% ~ 6%		5 5	97% ~ 9%	
Hager Hager	EVN 012 EVN 004	[RC]	300W 500VA	1-12 1-16	96%~15% 97%~15%	< 3	1-10 1-17	98% ~ 13% 98% ~ 14%		1-6 1-11	96% ~ 14% 97% ~ 14%		8	97% ~ 14% 97% ~ 14%	
INSTA	1176	[RLC]	50 ~ 420W	t.b.d.	t.b.d.	t.b.d.	,	30% 14%			3770 1470		J	3770 1470	
Jung	225 TDE	[RC]	20 ~ 525 W - Turn	2-10	92%~24%		1-15	98% ~ 13%		1-11	93% ~ 13%		1-8	92% ~ 14%	
Jung	1271LEDDE	[LED]	3 ~ 100W - Push (3wire)	2-10	92%~36%		1-10	92% ~ 3%		1-10	94% ~ 3%		1-8	95% ~ 3%	
Klik aan Klik uit	AWMD-250	[LED]	3~ 24W	1-5	79%~31%		1-4	93% ~ 19%		1-3	89% ~ 20%		1-2	92% ~ 21%	
Klik aan Klik uit Legrand	ACM 300 774161	[RL]	300W - 3-wire Push LED Dimmer 40 ~ 400 W - Turn	1-12 3-10	87%~14% 92%~8%	< 4	1-10 2-11	58% ~ 3% 93% ~ 6%		1-6 1-8	84% ~ 3% 96% ~ 6%		1-5 1-6	81% ~ 3% 97% ~ 7%	
Legrand	78401	[RLC]	40 ~ 500W	1-16	95%~14%		1-13	94% ~ 7%		5-8	93% ~ 8%		10	N.A.	N.A.
Legrand	67081	[RL]	40 ~ 400 W - Turn	3-10	96%~16%		2-9	94% ~ 5%		1-6	96% ~ 3%		1-5	98% ~ 7%	
Legrand	67082	[RL]	40 ~ 600 W - Turn		N.A.	N.A.	2-15	94% ~ 5%		1-13	96% ~ 3%			N.A.	N.A.
Legrand	67083	[RLC]	3 ~ 400W	2-16	90%~12%		1-3	94% ~ 3%		1-2	89% ~ 3%		1-6	92% ~ 3%	
Legrand Legrand	67084 67085 (078406)	[RLC]	8 - 300 VA - Push LED (3wire) 8 - 300 VA - Push LED (3wire)	2-10 2-10	88%~3% 96%~3%	< 5	1-11 1-9	93% ~ 8% 97% ~ 3%		1-8 1-6	94% ~ 3% 98% ~ 3%			N.A.	N.A.
Legrand	L4402N	[R]	60 ~ 500W	2-16	95%~20%		1-9	97/8~3/8 N.A.	N.A.	1-0	N.A.	N.A.	2-3	91% ~ 15%	IV.A.
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC]		2-10	88%~20%		1-10	92% ~ 14%		1-8	92% ~ 18%		1-5	93% ~ 15%	
Merten Schneider	SBD315RC (MEG5136-0000)	[RC]	315W	2-10	88%~3%		1-9	92% ~ 4%		1-7	94% ~ 4%		1-5	94% ~ 4%	
Merten Schneider	SBD420RCRL (MEG5138-0000)	[RLC]	20 ~ 420 VA		N.A.	N.A.	1-12	94% ~ 7%		1-9	96% ~ 7%			N.A.	N.A.
MK - Electric MK - Electric	K1535 K1501 WHILV	[R]	65 ~ 450 W - Turn 60 ~ 500 W - Turn	2-10 2-10	80%~14% 86%~14%		1-13 1-15	77% ~ 7% 96% ~ 30%		1-5 1-7	84% ~ 5% 84% ~ 5%		1-7 1-8	88% ~ 10% 93% ~ 6%	
MK - Electric	K4501 WHILV	[RLC]	180W	1-9	90%~17%		1-13	92% ~ 5%		1-9	93% ~ 8%		1-3	92% ~ 8%	
MK - Electric	K4500 WHILV	[RLC]	400W	1-16	89%~18%		1-11	99% ~ 29%		1-11	93% ~ 6%		1-6	91% ~ 6%	
PEHA	431HAN	[RL]	6 ~ 120W [LED] 6~60W	1-5	89%~7%		1-4	95% ~ 3%		1-3	86% ~ 3%		1-2	91% ~ 3%	
Philips	UID8670 RP0977	[LED]	2 ~ 100 VA-LED - Push (3wire) 4 - 100W	2-10	92%~3%		1-14 1-3	93% ~ 3%		1-11	95% ~ 3%		1-15	96% ~ 3%	
RELCO RELCO	RM0545	[LED]	4 - 100W 4 - 100W				1-3	99% ~ 15% 92% ~ 8%		1-2 1-2	89% ~ 13% 83% ~ 8%		1-2 1-3	99% ~ 17% 93% ~ 9%	
Schneider	SBD315RC (SBD 315, SDD 315)	[RC]	315W	2-10	88%~3%		1-9	92% ~ 4%		1-7	94% ~ 4%		1-5	94% ~ 4%	
Schneider	SBD315RC (ATD315)(CCT011533)	[RC]	315W	2-10	88%~3%		1-9	92% ~ 4%		1-7	94% ~ 4%		1-5	94% ~ 4%	
Schneider	SBD200 (WDE 002299)	[]	4 ~ 400VA - Turn Universal (2wire)	2-10	88%~20%		1-10	92% ~ 14%		1-8	92% ~ 18%		1-5	93% ~ 15%	
Schneider	SBD315RC (SBD 315)	[RC]	315W	2-10	88%~3%		1-9	92% ~ 4%		1-7	94% ~ 4%		1-5	94% ~ 4%	
VADSBO VADSBO	ED 350 DRS 315	[RC]	50 ~ 350W 50 ~ 315W	1-14 2-13	88%~27% 95%~19%	< 14	1-12 1-11	93% ~ 14% 95% ~ 10%		1-7 1-7	82% ~ 13% 90% ~ 10%		1-5 1-5	90% ~ 1% 94% ~ 11%	
VADSBO	DU 250	[RC]	20 ~ 250W	1-10	85%~9%	< 11	1-14	96% ~ 17%		1-5	90% ~ 10% 88% ~ 15			94% ~ 11% N.A.	N.A.
Varilight	HQ3W	[R]	60 - 400W	2-10	92%~6%		1-8	91% ~ 5%		1-8	95% ~ 4%		1-6	94% ~ 5%	
Varilight	ICT401 M	[RC]	20 - 400W	1-16	89%~6%		1-13	94% ~ 5%		1-8	89% ~ 5%		1-6	93% ~ 5%	
Vimar	20148	[RL]	500W	3-10	92%~8%	< 11	1-14	92% ~ 4%		1-11	97% ~ 3%		1-8	95% ~ 5%	
Vimar Vimar	14153 20160	[R] [RC]		1-16 2-16	99%~6% 94%~11%	< 17	1-15 1-10	99% ~ 3% 95% ~ 3%		1-11 1-6	89% ~ 3% 90% ~ 3%		1-8 1-8	96% ~ 3% 92% ~ 3%	
Vimar	20162	[RL]	40 ~ 300W	2-10	88%~8%	< 17	1-10	95% ~ 3%		1-6	90% ~ 3% 96% ~ 8%		1-8	92% ~ 3% 35% ~ 7%	
IKEA	E0902 - Dim	[R]	25 ~ 150W	t.b.d.	t.b.d.	t.b.d.	2-5	94% ~ 9%		1-3	92% ~ 3%		1-2	98% ~ 14%	

Note

- #1) Unexpected behaviour can occur outside the range of specified number of lamps. The mentioned numbers are tested. In some cases the dimmers can be loaded with more lamps than is specified in this document (most dimmers can be loaded with LED
- lamps to 20% of specified power; LED dimmers can be loaded to specified power)
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Disclaimer





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	This document is for information purposes
	x-y	Dimming performance: These dimmers require more than 5 lamps as minimum load	and must be treated as recommendation.
Ī		Unexpected performance behavior, not in line with good dimming perception	Philips attempted to provide best results,
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				LEDflame Control of the Control of t							
					E27 A60 25W			E27 A60 45W			
					PHILIPS			PHILIPS			
				Dimming Performance	Dimming Range	Glowing	Dimming	Dimming Range	Glowing		
Brand	Туре	Туре	Load	Dim Perf	Dim	Glo	Dim	Dim	Glo		
Berker INSTA Berker INSTA	286710 283010	[RC]	20 ~ 360 W - Turn 60 ~ 400 W - Turn	1-3 1-3	94% ~ 3% 96% ~ 3%		1-3 1-3	95% ~ 3% 92% ~ 11%			
Bticino	L4407	[R]	60 ~ 250 W	1-3	96% ~ 3% N.A.	N.A.	1-3	92% ~ 11% N.A.	N.A.		
Busch Jaeger ABB	2200 U - 503	[R]	60 ~ 400 W - Turn	1-3	98% ~ 9%		1-3	94% ~ 15%			
Busch Jaeger ABB	2247 U	[RL]	20 ~ 500 W - Turn	1-3	N.A.	N.A.	1-3	95% ~ 3%			
Busch Jaeger ABB Busch Jaeger ABB	2250 U 6513 U - 102	[R] [RC]	60 ~ 600 W - Turn 40 ~ 420 W - Turn	1-3	99% ~ 3% 98% ~ 5%		1-3	92% ~ 3% 92% ~ 4%			
Busch Jaeger ABB	6523 U	[LED]	2 ~ 100 VA-LED - Turn	1-3	94% ~ 3%		1-3	94% ~ 3%			
Busch Jaeger ABB	6524 U	[LED]	2 ~ 100 VA-LED - Push (3wire)	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.		
Busch Jaeger ABB ELKO Schneider	6526 U SBD200LED (CCTEL10501)	[LED]	2 ~ 100 VA-LED - Push (2wire) 4 ~ 200W(RC) 4~400W(RL)	1-3 3	91% ~ 13% 91% ~ 3%		1-3 1-3	92% ~ 19% 91% ~ 7%			
ELKO Schneider	SBD315RC (315 GLE)	[RC]	315W	1-3	93% ~ 3%		1-3	98% ~ 3%			
ELKO Schneider	SBD420RCRL (CCTEL13011)	[RLC]	420W	1-3	91% ~ 3%		1-3	93% ~ 3%			
Eltako Feller Schneider	EVD61NPN-UC 40200 (SBD200LED CCTCH10601)	[LED/RC]	400W 3-wire Push Module 4 ~ 200W(RC) 4~400W(RL)	t.b.d.	t.b.d. 91% ~ 3%	t.b.d.	t.b.d. 1-3	t.b.d. 91% ~ 7%	t.b.d.		
Feller Schneider	40300 (SBD315)	[RLC]	300W		5170 - 570			3170 - 770			
eller Schneider	40420 (SBD420)	[RLC]	420W								
GIRA	1176-00/01	[RLC]	50 ~ 420W	1-3	93% ~ 15%		1-3	93% ~ 13%			
GIRA Hager	2390 00/ 100 EVN 011	[RC]	7 ~ 100W - Push (3wire) 300VA	1-3 1-3	94% ~ 3% 97% ~ 3%		1-3 1-3	99% ~ 3% 97% ~ 3%			
lager	EVN 012	[RC]	300W	1-3	97% ~ 3%		1-3	97% ~ 3%			
Hager	EVN 004	[RL]	500VA	1-3	97% ~ 3%		1-3	97% ~ 3%			
NSTA	1176 225 TDE	[RLC]	50 ~ 420W 20 ~ 525 W - Turn	t.b.d. 1-3	t.b.d. 92% ~ 8%	t.b.d.	t.b.d. 1-3	t.b.d. 93% ~ 7%	t.b.d.		
Jung Jung	1271LEDDE	[LED]	3 ~ 100W - Push (3wire)	1-3	95% ~ 3%		1-3	93% ~ 3%			
Klik aan Klik uit	AWMD-250	[LED]	3~ 24W	1-3	84% ~ 12%		1-3	87% ~ 20%			
(lik aan Klik uit	ACM 300	(DL)	300W - 3-wire Push LED Dimmer	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.		
egrand egrand	774161 78401	[RL]	40 ~ 400 W - Turn 40 ~ 500W	1-3	N.A. 93% ~ 3%	N.A.	1-3	N.A. 93% ~ 3%	N.A.		
_egrand	67081	[RL]	40 ~ 400 W - Turn		N.A.	N.A.		N.A.	N.A.		
_egrand	67082	[RL]	40 ~ 600 W - Turn		N.A.	N.A.		N.A.	N.A.		
_egrand _egrand	67083 67084	[RLC]	3 ~ 400W 8 - 300 VA - Push LED (3wire)		N.A. 98% ~ 3%	N.A.		N.A. 92% ~ 3%	N.A.		
egrand_	67085 (078406)	[RLC]	8 - 300 VA - Push LED (3wire)		96% ~ 3%			97% ~ 3%			
_egrand	L4402N	[R]	60 ~ 500W		N.A.	N.A.	2-3	87% ~ 11%			
Merten Schneider	SBD200LED (MEG5134-0000)	[LED/RC]		3	91% ~ 3%		1-3	91% ~ 7%			
Merten Schneider Merten Schneider	SBD315RC (MEG5136-0000) SBD420RCRL (MEG5138-0000)	[RC]	315W 20 ~ 420 VA	1-3 1-3	93% ~ 3% 91% ~ 3%		1-3 1-3	98% ~ 3% 93% ~ 3%			
MK - Electric	K1535	[R]	65 ~ 450 W - Turn	1-3	82% ~ 3%		1-3	84% ~ 6%			
MK - Electric	K1501 WHILV	[R]	60 ~ 500 W - Turn	1-3	89% ~ 3%		1-3	92% ~ 3%			
ИК - Electric ИК - Electric	K4501 WHILV	[RLC]	180W 400W	1-3 1-3	87% ~ 3% 87% ~ 3%		1-3 1-3	88% ~ 3% 87% ~ 3%			
PEHA	431HAN	[RL]	6 ~ 120W [LED] 6~60W	1-3	85% ~ 12%		1-3	89% ~ 27%			
Philips	UID8670	[LED]	2 ~ 100 VA-LED - Push (3wire)	1-3	94% ~ 3%		1-3	94% ~ 3%			
RELCO	RP0977 RM0545	[LED]	4 - 100W 4 - 100W								
Schneider	SBD315RC (SBD 315, SDD 315)	[RC]	315W	1-3	93% ~ 3%		1-3	98% ~ 3%			
Schneider	SBD315RC (ATD315)(CCT011533)	[RC]	315W	1-3	93% ~ 3%		1-3	98% ~ 3%			
Schneider	SBD200 (WDE 002299)	[]	4 ~ 400VA - Turn Universal (2wire)	3	91% ~ 3%		1-3	91% ~ 7%			
Schneider /ADSBO	SBD315RC (SBD 315) ED 350	[RC]	315W 50 ~ 350W	1-3 1-3	93% ~ 3% 89% ~ 16%		1-3 1-3	98% ~ 3% 85% ~ 11%			
ADSBO (ADSBO	DRS 315	[RC]	50 ~ 315W	1-3	92% ~ 3%		1-3	92% ~ 3%			
/ADSBO	DU 250	[RC]	20 ~ 250W	1-3	87% ~ 3%		1-3	83% ~ 3%			
/arilight /arilight	HQ3W ICT401 M	[R] [RC]	60 - 400W 20 - 400W	1-3 t.b.d.	95% ~ 3% t.b.d.	t.b.d.	1-3 t.b.d.	95% ~ 3% t.b.d.	t.b.d.		
/antignt /imar	20148	[RL]	500W	t.b.u.	N.A.	N.A.	1-3	94% ~ 3%	t.b.d.		
/imar	14153	[R]		1-3	99% ~ 3%		1-3	99% ~ 3%			
/imar	20160	[RC]	40 20014	12	N.A.	N.A.	1-3	92% ~ 3%			
/imar KEA	20162 E0902 - Dim	[RL] [R]	40 ~ 300W 25 ~ 150W	1-3 1-3	95% ~ 5% 96% ~ 2%		1-3 1-3	88% ~ 3% 95% ~ 10%			
	<u> </u>										

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				LED capsule								
					G9 2.5 - 25W Dimmable			R7S (118mm) 14 - 100W Dimmable				
Brand	Туре	Туре	Load	Dimming Performance	Dimming Range	Glowing	Dimming	Dimming Range	Glowing			
Berker INSTA	286710	[RC]	20 ~ 360 W - Turn	3-20	96% ~ 27%		1	89%- 8%				
	283010	[R]	60 ~ 400 W - Turn	3-20	86% ~ 23%	N A	1	94%- 3%	t b d			
	L4407 2200 U - 503	[] [R]	60 ~ 250 W 60 ~ 400 W - Turn	3-20	N.A. 85% ~ 33%	N.A.	t.b.d.	t.b.d. 91% - 23%	t.b.d.			
	2247 U	[RL]	20 ~ 500 W - Turn	3-20	83% ~ 9%		1	93% ~ 3%				
	2250 U	[R]	60 ~ 600 W - Turn	3-20	87% ~ 6%		1	96% ~ 3%				
	6513 U - 102 6523 U	[RC]	40 ~ 420 W - Turn 2 ~ 100 VA-LED - Turn	3-20 3-20	98% ~ 24% 92% ~ 3%		1	93% ~ 7% 88% ~ 3%				
	6524 U	[LED]	2 ~ 100 VA-LED - Turn 2 ~ 100 VA-LED - Push (3wire)	5-20	9270-370			3076-376				
	6526 U	[LED]	2 ~ 100 VA-LED - Push (2wire)	3-20	97% ~ 23%	< 7	t.b.d.	t.b.d.	t.b.d.			
ELKO Schneider	SBD200LED (CCTEL10501)			3-20	96% ~ 30%		1	89% ~ 3%				
	SBD315RC (315 GLE) SBD420RCRL (CCTEL13011)	[RC]	315W 420W	3-20	95% ~ 9% N.A.	N.A.	t.b.d.	88% ~ 10% t.b.d.	t.b.d.			
	EVD61NPN-UC	iveel	400W 3-wire Push Module	3-20	99% ~ 15%	N/A	t.b.d.	t.b.d.	t.b.d.			
Feller Schneider		[LED/RC]	4 ~ 200W(RC) 4~400W(RL)	3-20	96% ~ 30%		1	89% ~ 3%				
Feller Schneider	40300 (SBD315)	[RLC]	300W									
	40420 (SBD420)	[RLC]	420W 50 ~ 420W	3-30	96% ~ 39%	< 12	t b d	th d	t b d			
	1176-00/01 2390 00/ 100	[RLC]	7 ~ 100W - Push (3wire)	3-20 3-18	91% ~ 15%	< 12	t.b.d.	t.b.d. 89%'4%	t.b.d.			
	EVN 011	[RC]	300VA	3-20	98% ~ 18%	< 14	t.b.d.	t.b.d.	t.b.d.			
Hager	EVN 012	[RC]	300W	3-20	99% ~ 28%	< 14	t.b.d.	t.b.d.	t.b.d.			
	EVN 004	[RL]	500VA	3-20	99% ~ 28%	< 15	t.b.d.	t.b.d.	t.b.d.			
	1176 225 TDE	[RLC]	50 ~ 420W 20 ~ 525 W - Turn	3-20	96% ~ 33%		1	90% ~ 10%				
	1271LEDDE	[LED]	3 ~ 100W - Push (3wire)	3-20	94% ~ 3%		1	90%- 3%				
Klik aan Klik uit	AWMD-250	[LED]	3~ 24W	3-10	86% ~ 3%	< 11	t.b.d.	t.b.d.	t.b.d.			
	ACM 300	(8.1)	300W - 3-wire Push LED Dimmer	3-20	33% ~ 3%	< 10	t.b.d.	t.b.d.	t.b.d.			
	774161 78401	[RL]	40 ~ 400 W - Turn 40 ~ 500W	3-20	N.A. 97% ~ 3%	N.A. < 13	t.b.d.	N.A. t.b.d.	N.A. t.b.d.			
	67081	[RL]	40 ~ 400 W - Turn	3 20	N.A.	N.A.	t.b.d.	N.A.	N.A.			
	67082	[RL]	40 ~ 600 W - Turn		N.A.	N.A.		N.A.	N.A.			
		[RLC]	3 ~ 400W		N.A.	N.A.	t.b.d.	t.b.d.	t.b.d.			
Legrand Legrand	67084 67085 (078406)	[RLC]	8 - 300 VA - Push LED (3wire) 8 - 300 VA - Push LED (3wire)	3-20 3-20	97% ~ 23% 99% ~ 4%		1	93% ~ 3% 98% ~ 3%				
	L4402N	[R]	60 ~ 500W	3 20	N.A.	N.A.	t.b.d.	t.b.d.	t.b.d.			
Merten Schneider	SBD200LED (MEG5134-0000)		4 ~ 200W(RC) 4~400W(RL)	3-20	96% ~ 30%		1	89% ~ 3%				
	SBD315RC (MEG5136-0000)	[RC]	315W	3-20	95% ~ 9%		1	88% ~ 10%				
	SBD420RCRL (MEG5138-0000) K1535	[RLC]	20 ~ 420 VA 65 ~ 450 W - Turn	t.b.d. 3-20	t.b.d. 72% ~ 19%	t.b.d.	t.b.d.	t.b.d. 82% ~ 10%	t.b.d.			
	K1501 WHILV	[R]	60 ~ 500 W - Turn	3-10	82% ~ 17%		1	88% ~ 6%				
	K4501 WHILV	[RLC]	180W		N.A.	N.A.	t.b.d.	t.b.d.	t.b.d.			
	K4500 WHILV	[RLC]	400W		N.A.	N.A.	t.b.d.	t.b.d.	t.b.d.			
	431HAN UID8670	[RL] [LED]	6 ~ 120W [LED] 6~60W 2 ~ 100 VA-LED - Push (3wire)	3-10 3-20	76% ~ 4% 92% ~ 3%		t.b.d.	t.b.d. 88% ~ 3%	t.b.d.			
	RP0977	[LED]	4 - 100W	5-20	9270~370			00%~3%				
	RM0545	[LED]	4 - 100W									
	SBD315RC (SBD 315, SDD 315)	[RC]	315W	3-20	95% ~ 9%		1	88% ~ 10%				
		[RC]	315W 4 ~ 400VA - Turn Universal (2wire)	3-20 3-20	95% ~ 9% 96% ~ 30%		t.b.d.	t.b.d. 89% ~ 3%	t.b.d.			
	SBD315RC (SBD 315)	[RC]	315W	3-20	95% ~ 9%		1	88% ~ 10%				
	ED 350	[RC]	50 ~ 350W	5-20	93% ~ 34%		t.b.d.	t.b.d.	t.b.d.			
	DRS 315	[RC]	50 ~ 315W		N.A.	N.A.	t.b.d.	t.b.d.	t.b.d.			
	DU 250	[RC]	20 ~ 250W	3-20	92% ~ 14%	<21	t.b.d.	t.b.d.	t.b.d.			
	HQ3W ICT401 M	[R]	60 - 400W 20 - 400W	3-20 3-20	85% ~ 14% 85% ~ 14%	< 11	t.b.d.	93% ~ 3% t.b.d.	t.b.d.			
	20148	[RL]	500W		N.A.	N.A.	1	94% ~ 4%				
	14153	[R]		3-20	98% ~ 3%	<10	1	90% ~ 5%				
	20160	[RC]	40 ~ 300W	3-20	N.A.	N.A. <21	t.b.d.	+ h al	+ h al			
	20162 E0902 - Dim	[RL] [R]	25 ~ 150W	3-20	96% ~ 18% 96% ~ 6%	*21	t.b.d. 1	t.b.d. 93% ~ 9%	t.b.d.			

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