

# Professional MASTER LEDspot MV range

## Recommended dimmer compatibility list for Mains Voltage lamps



**KEY**

<b>x - y</b>	Excellent dimming with x - y lamps, lamps can reach deep dim levels (below 10%)
<b>x - y</b>	Dimmer is compatible with x - y lamps, however might not be suitable for applications that require very deep dim levels below 10%. Minimum dim level with the indicated dimmer will be somewhere between 10%-30%
<b>x - y</b>	Potential risk with flickering, limited dimming levels/range or unexpected behavior
<b>x - y</b>	Dimmer lamp combination not tested, or not applicable/relevant

*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*

Brand	Type	Type	Load	LEDspots															
				Master LEDspot MV Dim Tone 4-35W GU10		Master LEDspot MV Dim Tone 4.5-50W GU10		Master LEDspot MV Value 3.5-35W GU10		Master LEDspot MV Value 4.3-50W GU10		Master LEDspot MV 4-35W GU10		Master LEDspot MV 5.4-50W GU10		Master LEDcandle / LEDlustre MV 4-25W		Master LEDcandle / LEDlustre MV 6-40W	
				NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	
				Dimming Performance	Dimming Range	Dimming Performance	Dimming Range	Dimming Performance	Dimming Range	Dimming Performance	Dimming Range	Dimming Performance	Dimming Range	Dimming Performance	Dimming Range	Dimming Performance	Dimming Range		
Berker   INSTA	286710	RC	20 - 360 W - Turn	2-18	99% - 1%	2-16	91% - 5%	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	2-13	93% - 0%	2-18	96% - 2%	2-12	93% - 2%
Berker   INSTA	283010	R	60 - 400 W - Turn	2-20	95% - 5%	2-18	96% - 4%	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	2-15	96% - 0%	2-20	89% - 0%	2-13	89% - 1%
Busch Jaeger   ABB	2200 U - 503	R	60 - 400 W - Turn	2-20	94% - 6%	2-19	94% - 4%	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	2-15	97% - 0%	2-20	92% - 1%	2-13	92% - 1%
Busch Jaeger   ABB	2247 U	R	60 - 400 W - Turn	2-20	94% - 4%	2-19	95% - 2%	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	2-19	97% - 0%	2-25	91% - 0%	2-17	91% - 0%
Busch Jaeger   ABB	2250 U	RL	20 - 500 W - Turn	2-20	97% - 5%	2-19	96% - 3%	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	2-22	98% - 0%	2-30	88% - 0%	2-20	93% - 0%
Busch Jaeger   ABB	6513 U - 102	R	40 - 420 W - Turn	2-20	97% - 6%	2-19	96% - 5%	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	96% - 0%	2-21	94% - 2%	2-14	91% - 2%	
Busch Jaeger   ABB	6523 U	LED	2 - 100 VA-LED - Turn	2-20	93% - 2%	2-19	92% - 2%	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	2-19	92% - 0%	2-20	84% - 0%	2-17	83% - 0%
Busch Jaeger   ABB	6524 U	LED	2 - 100 VA-LED - Push (3wire)																
Busch Jaeger   ABB	6526 U	LED	2 - 100 VA-LED - Push (2wire)																
ELKO   Schneider	SBD200LED (CCTEL10501)	LED/RC	4 - 200 W (RC) 4 - 40 W (RL)	2-20	89% - 6%	2-18	91% - 6%	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	2-15	93% - 0%	2-20	95% - 2%	2-13	92% - 2%
ELKO   Schneider	SBD420RCRL (CCTEL13011)	RLC	315 W																
Eltako	EVD6INPN-UC		400 W 3 - wire Push Module																
Feller   Schneider	SBD200LED (CCTCH10601)	LED/RC	4 - 200 W (RC) 4 - 40W (RL)																
GIRA	2390 00/ 100	LED	7 - 100 W - Push (3wire)	6-20	90% - 3%	6-19	90% - 2%	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	2-19	94% - 0%	2-25	94% - 0%	2-17	92 - 0%
Jung	225 TDE	RC	20 - 525 W - Turn	2-20	93% - 6%	2-19	93% - 6%	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	2-19	95% - 0%	2-26	89% - 2%	2-18	89% - 2%
Jung	127ILEDDE	LED	3 - 100W - Push (3wire)	6-20	91% - 9%	5-19	91% - 8%	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	2-19	95% - 18%	2-25	93% - 4%	2-17	92 - 3%
Klik aan Klik uit			300W - 3-wire Push LED Dimmer																
Legrand	774161	RL	40 - 400 W - Turn		N/A		N/A	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.		95% - 0%		94% - 0%		98 - 0%
Legrand	67081	RL	40 - 400 W - Turn		N/A		N/A	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.		96% - 0%		90% - 0%		97 - 0%
Legrand	67082	RL	40 - 600 W - Turn		N/A		N/A	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.		97% - 0%		92% - 0%		94 - 0%
Legrand	67084	RLC	8 - 300 VA - Push LED (3wire)	9-20	95% - 0%	10-18	95% - 4%	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.		94% - 0%		76% - 0%		90 - 0%
Legrand	67085 (078406)	RLC	8 - 300 VA - Push LED (3wire)	2-15	94% - 2%	2-15	100% - 2%	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.		97% - 0%	2-15	94% - 0%	2-10	91 - 0%
Merten   Schneider	SBD315RC (MEG5136-0000)	RC	315 W																
Merten   Schneider	SBD420RCRL (MEG5138-0000)	RLC	20 - 420 VA	2-20	91% - 3%	2-15	92% - 3%	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.		N/A	2-20	91% - 0%	2-14	90 - 0%
MK - Electric	K1535	R	65 - 450 W - Turn	2-20	80% - 4%	2-19	81% - 3%	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	2-17	83% - 0%	2-23	79% - 0%	2-15	77 - 0%
MK - Electric	K1501 WHILV	R	60 - 500 W - Turn	2-20	85% - 4%	2-19	87% - 3%	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	2-19	90% - 0%	2-25	88% - 0%	2-17	87 - 0%
Philips	UID8670	LED	2 - 100 VA-LED - Push (3wire)	2-20	93% - 2%	2-19	92% - 2%	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	2-19	92% - 0%	2-20	84% - 0%	2-17	83% - 0%
Schneider	SBD315RC (SBD 315, SDD 315)	RC	315 W					t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.						
Schneider	SBD315RC (ATD315)(CCT011533)	RC	315 W	2-16	92% - 4%	2-14	92% - 3%	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	2-12	89% - 1%	2-15	88% - 0%	2-11	87 - 0%
Schneider	SBD200 (WDE 002299)		4 - 400 VA - Turn Universal (2wire)																
Schneider	SBD315RC (SBD 315)	RC	315 W																
Varilight	HQ3W	R		2-20	93% - 4%	2-18	96% - 3%	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	2-15	97% - 0%	2-20	91% - 0%	2-13	90 - 0%
Vimar	20148	RL	500 W		N/A		N/A	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	2-19	94% - 0%	6-25	90% - 0%	4-17	92 - 1%
Vimar	20162	RL	40 - 300W		N/A		N/A	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	t.b.d.	2-11	92% - 0%	6-15	92% - 0%	4-10	86 - 2%
Helvar	452 (DALI controlled)		1000 W - DIN rail dimmer																
Lutron	Grafik eye QSGR-3P		3 - wire Push - DIN rail dimmer																

- Note :
- #1) t.b.d. fields are still under evaluation and will be published in Sept update.
  - #2) Unexpected behaviour can occur outside the range of specified number of lamps.
  - #3) Occupancy sensors can act like dimmers, therefore Philips recommend to use dimmable lamps in combination with it.

Philips will not accept claims for any damage caused by implementing the recommendations in this document.