

# Professional LED Low Voltage range



## Recommended Low Voltage dimmer list

### KEY

x - y	Transformer is compatible with x - y lamp
	Transformer is compatible but will not work according Philips claimed specifications under all conditions
	Transformer is not compatible and therefore will not comply to Philips claimed specifications.
N.A.	Transformer lamp combination not applicable/relevant
T.B.D.	Transformer lamp combination not tested



Master LEDspot AR111 GU53 11-50 W 24D

		TRANSFORMER																				
		Philips						Varilight		OSRAM				Tridonic								
Brand	Model	Certaline 60	Certaline 105		Certaline 150		Primaline 70	Primaline 105		Primaline 150		YT50	YT70	HTM 70	HTM 105		HTM 150		VIPER			
		20 - 60 W	35 - 105 W		50 - 150 W		20 - 70 W	35 - 105 W		50 - 150 W		0 - 50 W	0 - 70 W	20 - 70 W	35 - 105 W		50 - 150 W		20 - 60 W			
		1 lamp	1 lamp	2 lamps	1 lamp	2 lamps	1 lamp	1 lamp	2 lamps	1 lamp	2 lamps	1 lamp	1 lamp	1 lamp	1 lamp	2 lamps	1 lamp	2 lamps	1 lamp			
		TE			TE		LE & TE		LE & TE		LE & TE		LE & TE		LE & TE		LE & TE		LE & TE			
		pass			pass		pass		pass		pass		pass		pass		pass		pass			
		Without dimmer																				
Brand	Model	Power	Mode																			
Dimmer	Busch Jaeger	6513 U-102	40 - 420 W	TE	35% - 98%	39% - 99%	38% - 99%	39% - 99%	38% - 99%	37% - 99%	33% - 99%	32% - 99%	39% - 99%	37% - 99%	19% - 99%	22% - 99%		32% - 99%	33% - 99%	29% - 99%	28% - 99%	
	Gira	1176	50 - 420 W	UNI											28% - 99%	26% - 99%		18% - 99%	19% - 99%			
	Merten (Schneider)	5771	20 - 315 W	TE	45% - 99%	38% - 99%	37% - 99%	36% - 99%	35% - 99%	33% - 99%	32% - 99%	33% - 99%	31% - 98%	29% - 99%	27% - 99%	23% - 100%	23% - 99%	19% - 99%	21% - 99%	34% - 99%	33% - 99%	38% - 99%
	Insta Group (Berker)	283010	60 - 400 W	LE	N.A.	N.A.	N.A.	N.A.	N.A.						19% - 99%			9% - 99%	10% - 99%			
	Insta Group (Berker/ Insta)	286710/51190	20 - 360 W	LE	N.A.	N.A.	N.A.	N.A.	N.A.	31% - 99%	29% - 99%	31% - 99%	29% - 99%	28% - 100%	24% - 99%	19% - 99%		10% - 99%	9% - 99%	15% - 99%	17% - 99%	11% - 99%
	Schneider Electric	315GLE	20 - 315 W	TE	38% - 100%	37% - 99%	38% - 100%	34% - 100%	32% - 99%	29% - 99%	28% - 99%	22% - 99%	23% - 99%	22% - 99%	17% - 99%	8% - 99%		9% - 99%	8% - 99%	18% - 99%	19% - 99%	8% - 99%



Master LEDspot AR111 GU53 11-50 W 8D CRI90

		TRANSFORMER																		
		Philips						Varilight		OSRAM				Tridonic						
Brand	Model	Certaline 60	Certaline 105	Certaline 150	Primaline 70	Primaline 105	Primaline 150	YT50	YT70	HTM 70	HTM 105	VIPER								
		1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp								
		TE			TE		LE & TE		LE & TE		LE & TE		LE & TE							
		pass			pass		pass		pass		pass		pass							
Brand	Model	Power	Mode																	
Dimmer	Busch Jaeger	6513 U-102	40 - 420W	TE	39% - 99%	45% - 99%	42% - 99%		37% - 99%	47% - 98%	15% - 99%	21% - 99%		33% - 98%						
	Gira	1176	50 - 420W	UNI							36% - 99%	29% - 99%		16% - 99%						
	Merten (Schneider)	5771	20 - 315W	TE	48% - 99%	35% - 99%	29% - 99%	24% - 98%	29% - 98%	35% - 98%	27% - 99%	24% - 99%	21% - 98%	18% - 99%	37% - 99%					
	Doyle & Tratt (Varilight)	HQ3W	60 - 400W	LE																
	Insta Group (Berker)	283010	60 - 400W	LE	9% - 96%	8% - 98%					15% - 99%	15% - 99%		8% - 99%						
	Insta Group (Berker/ Insta)	286710/51190	20 - 360W	LE	29% - 96%	30% - 98%	1% - 100%	6% - 99%	16% - 99%		21% - 99%	18% - 99%		12% - 100%	9% - 99%					
	Legrand	O67081	40 - 300W	LE																
	Legrand	O67082	40 - 600W	LE																
	Legrand	O67084	40 - 300W	LE																
	Legrand (Bticino)	L4407	60 - 250W	TE							60% - 100%	60% - 100%								
Schneider Electric	315GLE	20 - 315W	TE	47% - 99%	38% - 99%			25% - 99%		6% - 100%	5% - 99%		6% - 99%	1% - 100%						

The compatibility is tested in a lab-environment. Real applications might give different performance.  
 Suppliers of dimmers and/or electronic transformers can update their products without informing Philips. The compatibility can therefore be different from above.  
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**KEY**

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	Transformer is compatible but will not work according Philips claimed specifications under all conditions
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T.B.D.	Transformer lamp combination not tested



Master LEDspot AR111 GU53 15-75 W 24D

		Without dimmer		
Brand	Model			
Dimmer	Busch Jaeger	6513 U-102	40 - 420 W	TE
	Gira	1176	50 - 420 W	UNI
	Merten (Schneider)	5771	20 - 315 W	TE
	Insta Group (Berker)	283010	60 - 400 W	LE
	Insta Group (Berker/ Insta)	286710/51190	20 - 360 W	LE
	Schneider Electric	315GLE	20 - 315 W	TE

		TRANSFORMER																			
		Philips						Varilight		OSRAM						Tridonic					
		Certaline 60		Certaline 105		Certaline 150		Primaline 70	Primaline 105		Primaline 150		YT50	YT70	HTM 70	HTM 105		HTM 150		VIPER	
		20 - 60 W		35 - 105 W		50 - 150 W		20 - 70 W	35 - 105 W		50 - 150 W		0 - 50 W	0 - 70 W	20 - 70 W	35 - 105 W		50 - 150 W		20 - 60 W	
		1 lamp	1 lamp	2 lamps		1 lamp	2 lamps	1 lamp	1 lamp	2 lamps	1 lamp	2 lamps	1 lamp	1 lamp	1 lamp	1 lamp	2 lamps	1 lamp	2 lamps	1 lamp	
		TE		TE		TE		LE & TE	LE & TE		LE & TE				LE & TE	LE & TE		LE & TE		LE & TE	
		N.A.	pass	N.A.	pass	pass	pass	pass	N.A.	pass	pass	N.A.	pass	pass	pass	N.A.	pass	pass	pass	N.A.	pass
Dimmer	Busch Jaeger	N.A.	35% - 99%	N.A.		38% - 99%	41% - 99%	flicker	N.A.			N.A.	41% - 99%			N.A.	39% - 99%		41% - 99%		
	Gira			N.A.					N.A.			N.A.	34% - 99%	29% - 99%	33% - 99%	N.A.			38%-100%		
	Merten (Schneider)	N.A.	44%-100%	N.A.	47% - 99%	43%-100%	42% - 99%	42%-100%	N.A.	43%-100%	41%-100%	N.A.	39% - 99%	33% - 99%	29% - 99%	N.A.	42% - 99%	44%-100%	39% - 98%		
	Insta Group (Berker)	N.A.	N.A.	N.A.	N.A.	N.A.			N.A.			N.A.	31%-100%		6%-100%	N.A.		10% - 99%	15% - 99%		
	Insta Group (Berker/ Insta)	N.A.	N.A.	N.A.	N.A.	N.A.	27% - 99%	26% - 99%	N.A.	29%-100%	28% - 99%	N.A.	24%-100%	18% - 99%	11% - 99%	N.A.	6%-100%	15% - 99%	9% - 99%		
	Schneider Electric	N.A.		N.A.	41%-100%	37% - 99%			N.A.	55% - 99%			N.A.	46% - 99%	44% - 99%	47% - 99%	N.A.		46%-100%	43%-100%	



Master LEDspot AR111 GU53 20-100 W 24D

		Without dimmer		
Brand	Model			
Dimmer	Busch Jaeger	6513 U-102	40 - 420 W	TE
	Gira	1176	50 - 420 W	UNI
	Merten (Schneider)	5771	20 - 315 W	TE
	Insta Group (Berker)	283010	60 - 400 W	LE
	Insta Group (Berker/ Insta)	286710/51190	20 - 360 W	LE
	Schneider Electric	315GLE	20 - 315 W	TE

		TRANSFORMER																		
		Philips						Varilight		OSRAM						Tridonic				
		Certaline 60		Certaline 105		Certaline 150		Primaline 70	Primaline 105		Primaline 150		YT50	YT70	HTM 70	HTM 105		HTM 150		VIPER
		20 - 60 W		35 - 105 W		50 - 150 W		20 - 70 W	35 - 105 W		50 - 150 W		0 - 50 W	0 - 70 W	20 - 70 W	35 - 105 W		50 - 150 W		20 - 60 W
		1 lamp	1 lamp	2 lamps		1 lamp	2 lamps	1 lamp	1 lamp	2 lamps	1 lamp	2 lamps	1 lamp	1 lamp	1 lamp	1 lamp	2 lamps	1 lamp	2 lamps	1 lamp
		TE		TE		TE		LE & TE	LE & TE		LE & TE				LE & TE	LE & TE		LE & TE		LE & TE
		N.A.	pass	N.A.	pass	N.A.	N.A.	pass	N.A.	pass	N.A.	N.A.	N.A.	N.A.	pass	N.A.	pass	N.A.	N.A.	N.A.
Dimmer	Busch Jaeger	N.A.	32% - 99%	N.A.		N.A.	N.A.		N.A.			N.A.	N.A.	N.A.			N.A.	37% - 99%	N.A.	N.A.
	Gira			N.A.		N.A.			N.A.			N.A.	N.A.	N.A.	N.A.	32% - 99%	N.A.		N.A.	N.A.
	Merten (Schneider)	N.A.	44%-100%	N.A.	47% - 99%	N.A.	N.A.	42%-100%	N.A.	43%-100%	N.A.	N.A.	N.A.	N.A.	N.A.	29% - 99%	N.A.	43% - 99%	N.A.	N.A.
	Insta Group (Berker)	N.A.	N.A.	N.A.	N.A.	N.A.			N.A.			N.A.	N.A.	N.A.	6% - 99%	N.A.		N.A.	N.A.	
	Insta Group (Berker/ Insta)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	26% - 99%	N.A.	26%-100%	N.A.	N.A.	N.A.	N.A.	N.A.	13% - 99%	N.A.	5% - 99%	N.A.	N.A.
	Schneider Electric	N.A.		N.A.	39%-100%	N.A.			N.A.	53% - 99%	N.A.		N.A.	N.A.	N.A.	43% - 99%	N.A.		N.A.	N.A.

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T.B.D.	Transformer lamp combination not tested

			TRANSFORMER																												
			Philips												Variilight		OSRAM						Tridonic								
Brand	Model	Without dimmer	Certaline 60			Certaline 105			Certaline 150			Primaline 70			Primaline 105			Primaline 150			YT50	YT70	HTM 70	HTM 105			HTM 150			VIPER	
			20 - 60 W			35 - 105 W			50 - 150 W			20 - 70 W			35 - 105 W			50 - 150 W			0 - 50 W	0 - 70 W	20 - 70 W	35 - 105 W			50 - 150 W			20 - 60 W	
			1 lamp	1 lamp	2 lamps	1 lamp	2 lamps	3 lamps	1 lamp	2 lamps	3 lamps	1 lamp	1 lamp	2 lamps	1 lamp	2 lamps	3 lamps	1 lamp	2 lamps	3 lamps	1 lamp	1 lamp	1 lamp	1 lamp	2 lamps	3 lamps	1 lamp	2 lamps	3 lamps	1 lamp	
			TE			TE			TE			LE & TE			LE & TE			LE & TE			LE & TE		LE & TE		LE & TE			LE & TE			LE & TE
			pass																												
			24%-98%		19%-100%	17%-99%	15%-100%	16%-99%	17%-99%	16%-99%	18%-99%	16%-99%	15%-100%	16%-99%	17%-99%	18%-100%	20%-100%	17%-99%	13%-99%	14%-99%	14%-100%	16%-99%	13%-99%	15%-99%	17%-99%	21%-99%					
			18%-99%		17%-99%	16%-99%	17%-99%	15%-99%	16%-99%		16%-99%	15%-99%	16%-99%	17%-99%	14%-100%	16%-99%	19%-100%	18%-99%	14%-100%	15%-99%	16%-99%	13%-98%	14%-99%	15%-99%	14%-98%	11%-100%					
			41%-99%		35%-100%	31%-99%	29%-99%	28%-100%	27%-99%	20%-99%	24%-99%	21%-98%	20%-99%	21%-98%	20%-99%	21%-99%	23%-99%	21%-99%	18%-99%	19%-99%	16%-99%	15%-99%	14%-99%	14%-98%	13%-98%	26%-99%					
Dimmer	Busch Jaeger	6513 U-102	40 - 420 W	TE																											
	Gira	1176	50 - 420 W	UNI																											
	Merten (Schneider)	5771	20 - 315 W	TE																											
	Doyle & Tratt (Varilight)	HQ3W	60 - 400 W	LE																											
	Insta Group (Berker)	283010	60 - 400 W	LE																											
	Insta Group (Berker/Insta)	286710/51190	20 - 360 W	LE																											
	Legrand	067081	40 - 300 W	LE																											
	Legrand	067082	40 - 600 W	LE																											
	Legrand	067084	40 - 300 W	LE																											
	Legrand (Bticino)	L4407	60 - 250 W	LE																											
Schneider Electric	315GLE	20 - 315 W	TE																												
Vimar	14153																														

			TRANSFORMER																			
			Philips						Variilight		OSRAM				Tridonic							
Brand	Model	Without dimmer	Certaline 60		Certaline 105		Certaline 150		Primaline 70		Primaline 105		Primaline 150		YT50	YT70	HTM 70	HTM 105		HTM 150		VIPER
			20 - 60 W		20 - 60 W		20 - 60 W		20 - 60 W		20 - 60 W		20 - 60 W		20 - 60 W	20 - 60 W	20 - 60 W	20 - 60 W		20 - 60 W		20 - 60 W
			1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp
			TE		TE		TE		LE & TE		LE & TE		LE & TE		LE & TE		LE & TE		LE & TE		LE & TE	
			pass																			
Dimmer	Busch Jaeger	6513 U-102	40 - 420 W	TE																		
	Gira	1176	50 - 420 W	UNI																		
	Merten (Schneider)	5771	20 - 315 W	TE																		
	Doyle & Tratt (Varilight)	HQ3W	60 - 400 W	LE																		
	Insta Group (Berker)	283010	60 - 400 W	LE																		
	Insta Group (Berker/Insta)	286710/51190	20 - 360 W	LE																		
	Legrand	067081	40 - 300 W	LE																		
	Legrand	067082	40 - 600 W	LE																		
	Legrand	067084	40 - 300 W	LE																		
	Legrand (Bticino)	L4407	60 - 250 W	LE																		
Schneider Electric	315GLE	20 - 315 W	TE																			

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T.B.D.	Transformer lamp combination not tested



Master LEDspot LV MR16  
8 W (50 W)

				TRANSFORMER														
				Philips						Varilight			OSRAM			Tridonic		
				Certaline 60	Certaline 105	Certaline 150	Primaline 70	Primaline 105	Primaline 150	YT50	YT70	HTM 70	HTM 105	HTM 150	VIPER			
				20 - 60 W	20 - 60 W	20 - 60 W	20 - 60 W	20 - 60 W	20 - 60 W	20 - 60 W	20 - 60 W	20 - 60 W	20 - 60 W	20 - 60 W	20 - 60 W			
				1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp				
				TE	TE	TE	LE & TE	LE & TE	LE & TE	LE & TE			LE & TE	LE & TE	LE & TE	LE & TE		
				Without dimmer	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	
Dimmer	Brand	Model																
	Busch Jaeger	6513 U-102	40 - 420 W	TE														
	Gira	1176	50 - 420 W	UNI														
	Merten (Schneider)	5771	20 - 315 W	TE														
	Doyle & Tratt (Varilight)	HQ3W	60 - 400 W	LE														
	Insta Group (Berker)	283010	60 - 400 W	LE														
	Insta Group (Berker/Insta)	286710/51190	20 - 360 W	LE														
	Legrand	067081	40 - 300 W	LE														
	Legrand	067082	40 - 600 W	LE														
	Legrand	067084	40 - 300 W	LE														
	Legrand (Bticino)	L4407	60 - 250 W	LE														
	Schneider Electric	315GLE	20 - 315 W	TE														



Master Value LEDspot LV MR16  
6.3 W (35 W)

				TRANSFORMER																												
				Philips												Varilight			OSRAM						Tridonic							
				Certaline 60	Certaline 105			Certaline 150			Primaline 70	Primaline 105			Primaline 150			YT50	YT70Z	HTM 70	HTM 105			HTM 150	VIPER							
				20 - 60 W	35 - 105 W			50 - 150 W			20 - 70 W	35 - 105 W			50 - 150 W			0 - 50 W	0 - 70 W	20 - 70 W	35 - 105 W			50 - 150 W			20 - 60 W					
				1 lamp	2 lamps	1 lamp	2 lamps	3 lamps	2 lamps	3 lamps	4 lamps	1 lamp	2 lamps	1 lamp	2 lamps	3 lamps	2 lamps	3 lamps	4 lamps	1 lamp	1 lamp	2 lamps	1 lamp	2 lamps	1 lamp	2 lamps	3 lamps	2 lamps	3 lamps	4 lamps	1 lamp	2 lamps
				TE	TE			TE			LE & TE		LE & TE			LE & TE			LE & TE			LE & TE			LE & TE			LE & TE				
				Pass	Pass	Pass	Pass				N.A.	N.A.	N.A.	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Dimmer	Brand	Model																														
	Busch Jaeger	6513 U-102	40 - 420 W	TE	40%-90%	56%-99%	52%-99%	50%-99%	N.A.	N.A.	N.A.	40%-90%	40%-90%	40%-90%	40%-90%	40%-90%	30%-90%	30%-90%	30%-90%	40%-90%	40%-90%	40%-90%	43%-99%	43%-99%	42%-99%	42%-99%	42%-99%	20%-85%	20%-85%	20%-85%	40%-90%	40%-90%
	Gira	1176	50 - 420 W	UNI	42-99%	40-99%	53%-100%	50%-100%	50%-100%	N.A.	N.A.	N.A.	53%-98%	53%-98%	20%-90%	20%-90%	30%-90%	30%-90%	30%-90%	40%-90%	40%-90%	40%-90%	37%-99%	37%-99%	36%-99%	36%-99%	36%-99%	35%-90%	35%-90%	35%-90%	32%-99%	32%-99%
	Merten (Schneider)	5771	20 - 315 W	TE	59%-99%	50%-99%	41-94%	40-95%	38-96%	N.A.	N.A.	N.A.	40%-95%	40%-95%	40%-95%	40%-95%	19%-98%	19%-98%	19%-98%	40%-100%	35%-90%	35%-90%	39%-98%	39%-98%	40%-99%	40%-99%	40%-99%	10%-80%	10%-80%	10%-80%	38%-99%	38%-99%
	Doyle & Tratt (Varilight)	HQ3W	60 - 400 W	LE	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	40%-95%	40%-95%	5%-90%	5%-90%	5%-95%	5%-95%	5%-95%	5%-95%	5%-95%	5%-95%	15%-90%	15%-90%	15%-80%	15%-80%	10%-90%	10%-90%	10%-90%	5%-95%	5%-95%		
	Insta Group (Berker)	283010	60 - 400 W	LE	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	flicker (+10% position)	5%-90%	5%-95%	5%-95%	10%-90%	10%-90%	10%-90%	10%-90%	10%-90%	10%-90%	10%-95%	40-81%	40-81%	40-81%	10%-95%	10%-90%	10%-90%	5%-90%	5%-90%		
	Insta Group (Berker/Insta)	286710/51190	20 - 360 W	LE	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	10%-90%	10%-90%	18%-99%	18%-99%	18%-99%	19%-99%	19%-99%	19%-99%	25%-95%	30%-90%	30%-90%	28%-99%	28%-99%	31%-99%	31%-99%	31%-99%	20%-90%	10%-90%	10%-90%	24%-98%	24%-98%
	Legrand	067081	40 - 300 W	LE	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.					5%-95%						5%-95%	5%-95%	5%-95%	5%-95%	5%-95%	5%-95%	5%-95%	5%-95%	5%-95%	5%-95%	
	Legrand	067082	40 - 600 W	LE	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.					5%-95%						5%-95%	5%-95%	5%-95%	5%-95%	5%-95%	5%-95%	5%-95%	5%-95%	5%-95%	5%-95%	5%-95%
	Legrand (Bticino)	L4407	60 - 250 W	LE	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.	N.A.	
	Schneider Electric	315GLE	20 - 315 W	TE	5%-65%		5%-93%	5%-95%	N.A.	N.A.	N.A.		5%-90%		5%-90%	5%-90%	10%-90%	10%-90%	10%-90%	5%-95%	5%-95%	5%-95%	5%-95%	5%-95%	5%-95%	5%-95%	5%-95%	20%-85%	20%-85%	20%-85%	1%-100%	1%-100%

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**KEY**

x-y	Transformer is compatible with x - y lamp
	Transformer is compatible but will not work according Philips claimed specifications under all conditions
	Transformer is not compatible and therefore will not comply to Philips claimed specifications.
N.A.	Transformer lamp combination not applicable/relevant
T.B.D.	Transformer lamp combination not tested



Corepro LED capsule G4 LV DIM 2-20W

				TRANSFORMER														
				Philips						Varilight		ELT	OSRAM			Tridonic		
Brand	Model	Power	Mode	Certaline 60	Certaline 105	Certaline 150	Primaline 70	Primaline 105	Primaline 150	YT50	YT70	TCE 6/23-E	HTM 70	HTM 105	HTM 150	VIPER		
				20 - 60W	35 - 105W	50 - 150W	20 - 70W	35 - 105W	50 - 150W	0 - 70W	20 - 70W		20 - 70W	35 - 105W	50 - 150W	20 - 60W		
				1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp		
				TE	TE	TE	LE & TE	LE & TE	LE & TE	LE & TE			LE & TE	LE & TE	LE & TE	LE & TE		
				Without dimmer	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass		
Dimmer	Brand	Model																
	Busch Jaeger	6513 U-102	40 - 420 W	TE	45% - 90%		50% - 90%	45% - 90%		40% - 90%	40% - 90%	40% - 90%	30% - 90%	38% - 100%	42% - 99%	41% - 99%	44% - 99%	
	Gira	1176	50 - 420 W	UNI	30% - 90%			30% - 90%		turn min	30% - 90%	30% - 90%	30% - 90%					30% - 90%
	Merten (Schneider)	5771	20 - 315 W	TE	40% - 70%	40% - 70%	50% - 70%	40% - 70%		40% - 70%	40% - 70%	40% - 70%	40% - 70%	40% - 70%	40% - 70%	40% - 70%	40% - 70%	40% - 70%
	Doyle & Tratt (Varilight)	HQ3W	60 - 400 W	LE	30% - 90%		30% - 90%				30% - 90%	30% - 90%		40% - 70%	40% - 70%			
	Insta Group (Berker)	283010	60 - 400 W	LE	20% - 90%		20% - 90%				20% - 90%	20% - 90%		10% - 90%	10% - 90%			10% - 90%
	Insta Group (Berker/Insta)	286710/51190	20 - 360 W	LE	50% - 90%	50% - 90%	50% - 90%			50% - 90%	50% - 90%	50% - 90%		20% - 90%	20% - 90%			10% - 90%
	Legrand	067081	40 - 300 W	LE														
	Legrand	067082	40 - 600 W	LE														
	Legrand	067084	40 - 300 W	LE							30% - 90%	30% - 90%	N.A.	20% - 90%	20% - 90%			30% - 90%
Legrand (Bticino)	L4407	60 - 250 W	LE															
Schneider Electric	315GLE	20 - 315 W	TE						40% - 70%	40% - 70%	40% - 70%	N.A.	40% - 70%	40% - 70%			40% - 70%	

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