

The Philips logo is displayed in a white rounded rectangle on a blue background. The word "PHILIPS" is written in a bold, blue, sans-serif font.

Transformer and  
dimmer list  
Professional Q2 2017



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# Professional LED Low Voltage range

## Recommended Low Voltage Dimmer compatibility list - LED Lamps



### 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

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**Master LEDspot  
AR111 GU53 11-50W  
CRI80 24D**

Transformer										
Brand	Philips									
Model	Certaline 60	Certaline 105		Certaline 150		Primaline 70	Primaline 105		Primaline 150	
Wattage	20 - 60W	50 - 150W		50 - 150W		20 - 70W	35 - 105W		50 - 150W	
Quantity	1 lamp	1 lamp	2 lamps	1 lamp	2 lamps	1 lamp	1 lamp	2 lamps	1 lamp	2 lamps

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

TE	35% - 98%	39% - 99%	38% - 99%	39% - 99%	38% - 99%	37% - 99%	33% - 99%	32% - 99%	39% - 99%	37% - 99%
UNI	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker
TE	45% - 99%	38% - 99%	37% - 99%	36% - 99%	35% - 99%	33% - 99%	32% - 99%	33% - 99%	31% - 98%	29% - 99%
LE	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	flicker	flicker	flicker	flicker
LE	N.A.	N.A.	N.A.	N.A.	N.A.	31% - 99%	29% - 99%	31% - 99%	29% - 99%	28% - 100%
TE	38% - 100%	37% - 99%	38% - 100%	34% - 100%	32% - 99%	29% - 99%	28% - 99%	22% - 99%	23% - 99%	22% - 99%

Transformer										
Brand	Varilight			OSRAM				Tridonic		
Model	YT50	YT70	HTM 70	HTM 105		HTM 150		VIPER		
Wattage	0 - 50W	0 - 70W	20 - 70W	35 - 105W		50 - 150W		20 - 60W		
Quantity	1 lamp	1 lamp	1 lamp	1 lamp	2 lamps	1 lamp	2 lamps	1 lamp		

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

TE	19% - 99%	22% - 99%	flicker	32% - 99%	33% - 99%	29% - 99%	28% - 99%	flicker
UNI	28% - 99%	26% - 99%	flicker	18% - 99%	19% - 99%	flicker	flicker	flicker
TE	27% - 99%	23% - 100%	23% - 99%	19% - 99%	21% - 99%	34% - 99%	33% - 99%	38% - 99%
LE	19% - 99%	flicker	flicker	9% - 99%	10% - 99%	flicker	flicker	flicker
LE	24% - 99%	19% - 99%	flicker	10% - 99%	9% - 99%	15% - 99%	17% - 99%	11% - 99%
TE	17% - 99%	8% - 99%	flicker	9% - 99%	8% - 99%	18% - 99%	19% - 99%	8% - 99%



**Master LEDspot  
AR111 GU53 11-50W  
CRI90**

Transformer											
Brand	Philips						Varilight		OSRAM		Tridonic
Model	Certaline 60	Certaline 105	Certaline 150	Primaline 70	Primaline 105	Primaline 150	YT50	YT70	HTM 70	HTM 105	VIPER
Wattage	20 - 60W	50 - 150W	50 - 150W	20 - 70W	35 - 105W	50 - 150W	0 - 50W	0 - 70W	20 - 70W	35 - 105W	50 - 150W
Quantity	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp

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

TE	OK	OK	OK			OK	OK	OK			
UNI							OK	OK			
TE	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
LE	N.A.	N.A.	N.A.				OK			OK	
LE	N.A.	N.A.	N.A.	OK	OK		OK	OK		OK	OK
TE							OK	OK		OK	OK

# Professional LED Low Voltage range

## Recommended Low Voltage Dimmer compatibility list - LED Lamps



### 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

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**Master LEDspot  
AR111 GU53  
11-50W 8D**

Brand	Transformer										
	Philips						Varilight		OSRAM		Tridonic
Model	Certaline 60	Certaline 105	Certaline 150	Primaline 70	Primaline 105	Primaline 150	YT50	YT70	HTM 70	HTM 105	VIPER
Wattage	??	??	??	??	??	??	??	??	??	??	??
Quantity	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp

Mode	TE	TE	TE	LE & TE	LE & TE	LE & TE			LE & TE	LE & TE	LE & TE
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Dimmer	Brand	Model	Watt
	Busch Jaeger	6513 U-102	40 - 420W
	Gira	1176	50 - 420W
	Merten (Schneider)	5771	20 - 315W
	Doyle & Tratt (Varilight)	HQ3W	60 - 400W
	Insta Group (Berker)	283010	60 - 400W
	Insta Group (Berker/ Insta)	286710/51190	20 - 360W
	Legrand	067081	40 - 300W
	Legrand	067082	40 - 600W
	Legrand (Bticino)	L4407	60 - 250W
Schneider Electric	315GLE	20 - 315W	

TE	39%-99%	45%-99%	42%-99%	flicker	37%-99%	47%-98%	15%-99%	21%-99%	flicker	33%-98%	flicker
UNI	flicker	flicker	flicker	flicker	flicker	flicker	36%-99%	29%-99%	flicker	16%-99%	flicker
TE	48%-99%	35%-99%	29%-99%	24%-98%	29%-98%	35%-98%	27%-99%	24%-99%	21%-98%	18%-99%	37%-99%
LE	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker
LE	9%-96%	8%-98%	flicker	flicker	flicker	flicker	15%-99%	15%-99%	flicker	8%-99%	flicker
LE	29%-96%	30%-98%	1%-100%	6%-99%	16%-99%	flicker	21%-99%	18%-99%	flicker	12%-100%	9%-99%
LE	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker
LE	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker
LE	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker
TE	flicker	flicker	flicker	flicker	flicker	flicker	60%-100%	60%-100%	flicker	flicker	flicker
TE	47%-99%	38%-99%	flicker	flicker	25%-99%	flicker	6%-100%	5%-99%	flicker	6%-99%	1%-100%



**Master LEDspot  
LV AR111 GU53  
15-75W 24D**

Brand	Transformer									
	Philips									
Model	Certaline 60	Certaline 105		Certaline 150	Primaline 70	Primaline 105	Primaline 150			
Wattage	20 - 60W	50 - 150W		50 - 150W	20 - 70W	35 - 105W		50 - 150W		
Quantity	1 lamp	1 lamp	2 lamp	1 lamp	2 lamp	1 lamp	1 lamp	2 lamp	1 lamp	2 lamp

Mode	TE	TE	TE	LE & TE	LE & TE	LE & TE			LE & TE	LE & TE
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Dimmer	Brand	Model	Watt	Without dimmer
	Busch Jaeger	6513 U-102	40 - 420W	
	Gira	1176	50 - 420W	
	Merten (Schneider)	5771	20 - 315W	
	Doyle & Tratt (Varilight)	HQ3W	60 - 400W	
	Insta Group (Berker)	283010	60 - 400W	
	Insta Group (Berker/ Insta)	286710/51190	20 - 360W	
	Legrand	67081	40 - 300W	
	Legrand	67082	40 - 600W	
	Legrand (Bticino)	L4407	60 - 250W	
Schneider Electric	315GLE	20 - 315W		

	N.A.	pass	N.A.	pass	pass	pass	pass	N.A.	pass	pass
TE	N.A.	35% - 99%	N.A.	flicker	38% - 99%	41% - 99%	flicker	N.A.	flicker	flicker
UNI	flicker	flicker	N.A.	flicker	flicker	flicker	flicker	N.A.	flicker	flicker
TE	N.A.	44%-100%	N.A.	47% - 99%	43%-100%	42% - 99%	42%-100%	N.A.	43%-100%	41%-100%
LE	N.A.	N.A.	N.A.	N.A.	N.A.			N.A.		
LE	N.A.	N.A.	N.A.	N.A.	N.A.	flicker	flicker	N.A.	flicker	flicker
LE	N.A.	N.A.	N.A.	N.A.	N.A.	27% - 99%	26% - 99%	N.A.	29%-100%	28% - 99%
LE	N.A.	N.A.	N.A.	N.A.	N.A.			N.A.		
LE	N.A.	N.A.	N.A.	N.A.	N.A.			N.A.		
TE			N.A.					N.A.		
TE	N.A.	flicker	N.A.	41%-100%	37% - 99%	flicker	flicker	N.A.	55% - 99%	flicker

Brand	Transformer						
	Varilight		OSRAM			Tridonic	
Model	YT50	YT70	HTM 70	HTM 105	HTM 150	VIPER	
Wattage	0 - 50W	0 - 70W	20 - 70W	35 - 105W		50 - 150W	
Quantity	1 lamp	1 lamp	1 lamp	1 lamp	2 lamp	1 lamp	2 lamp

Mode			LE & TE	LE & TE	LE & TE	LE & TE
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Dimmer	Brand	Model	Watt	Without dimmer
	Busch Jaeger	6513 U-102	40 - 420W	
	Gira	1176	50 - 420W	
	Merten (Schneider)	5771	20 - 315W	
	Doyle & Tratt (Varilight)	HQ3W	60 - 400W	
	Insta Group (Berker)	283010	60 - 400W	
	Insta Group (Berker/ Insta)	286710/51190	20 - 360W	
	Legrand	67081	40 - 300W	
	Legrand	67082	40 - 600W	
	Legrand (Bticino)	L4407	60 - 250W	
Schneider Electric	315GLE	20 - 315W		

	N.A.	pass	pass	pass	N.A.	pass	pass	pass
TE	N.A.	41% - 99%	flicker	flicker	N.A.	39% - 99%	flicker	41% - 99%
UNI	N.A.	34% - 99%	29% - 99%	33% - 99%	N.A.	flicker	flicker	38%-100%
TE	N.A.	39% - 99%	33% - 99%	29% - 99%	N.A.	42% - 99%	44%-100%	39% - 98%
LE					N.A.			
LE	N.A.	31%-100%	flicker	6%-100%	N.A.	flicker	10% - 99%	15% - 99%
LE	N.A.	24%-100%	18% - 99%	11% - 99%	N.A.	6%-100%	15% - 99%	9% - 99%
LE					N.A.			
LE					N.A.			
TE					N.A.			
TE	N.A.	46% - 99%	44% - 99%	47% - 99%	N.A.	flicker	46%-100%	43%-100%

# Professional LED Low Voltage range

## Recommended Low Voltage Dimmer compatibility list - LED Lamps



### 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

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**Master LEDspot  
LV AR111 GU5.3  
15-75W CRI90**

Brand	Transformer										
	Philips						Varilight		OSRAM		Tridonic
Model	Certaline 60	Certaline 105	Certaline 150	Primaline 70	Primaline 105	Primaline 150	YT50	YT70	HTM 70	HTM 105	VIPER
Wattage	20 - 60W	35 - 105W	50 - 150W	20 - 70W	35 - 105W	50 - 150W	0 - 50W	0 - 70W	20 - 70W	35 - 105W	50 - 150W
Quantity	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp

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

TE	N.A.	OK	OK	OK			OK	OK			
UNI	N.A.						OK			OK	
TE	N.A.	OK	OK		OK	OK	OK	OK	OK	OK	OK
LE	N.A.	N.A.	N.A.				OK			OK	
LE	N.A.	N.A.	N.A.	OK	OK	OK	OK	OK		OK	OK
TE		OK	OK				OK	OK		OK	OK



**Master LEDspot  
LV AR111 GU5.3  
20-100W 24D**

Brand	Transformer									
	Philips						Varilight		OSRAM	
Model	Certaline 60	Certaline 105		Certaline 150	Primaline 70	Primaline 105		Primaline 150		
Wattage	20 - 60W	35 - 105W		50 - 150W	20 - 70W	35 - 105W		50 - 150W		
Quantity	1 lamp	1 lamp	2 lamp	1 lamp	2 lamp	1 lamp	1 lamp	2 lamp	1 lamp	2 lamp

Mode	TE	TE	TE	LE & TE	LE & TE	LE & TE
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	N.A.	pass	N.A.	pass	N.A.	N.A.	pass	N.A.	pass	N.A.
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Dimmer	Without dimmer		
	Brand	Model	Watt
Dimmer	Busch Jaeger	6513 U-102	40 - 420W
	Gira	1176	50 - 420W
	Merten (Schneider)	5771	20 - 315W
	Doyle & Tratt (Varilight)	HQ3W	60 - 400W
	Insta Group (Berker)	283010	60 - 400W
	Insta Group (Berker/ Insta)	286710/51190	20 - 360W
	Legrand	67081	40 - 300W
	Legrand	67082	40 - 600W
	Legrand (Bticino)	L4407	60 - 250W
	Schneider Electric	315GLE	20 - 315W

TE	N.A.	32% - 99%	N.A.	flicker	N.A.	N.A.	flicker	N.A.	flicker	N.A.
UNI	flicker	flicker	N.A.	flicker	N.A.	flicker	flicker	N.A.	flicker	N.A.
TE	N.A.	44%-100%	N.A.	47% - 99%	N.A.	N.A.	42%-100%	N.A.	43%-100%	N.A.
LE	N.A.	N.A.	N.A.	N.A.	N.A.			N.A.		N.A.
LE	N.A.	N.A.	N.A.	N.A.	N.A.	flicker	flicker	N.A.	flicker	N.A.
LE	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	26% - 99%	N.A.	26%-100%	N.A.
LE	N.A.	N.A.	N.A.	N.A.	N.A.			N.A.		N.A.
LE	N.A.	N.A.	N.A.	N.A.	N.A.			N.A.		N.A.
TE			N.A.					N.A.		N.A.
TE	N.A.	flicker	N.A.	39%-100%	N.A.	flicker	flicker	N.A.	53% - 99%	N.A.

Brand	Transformer							
	Varilight		OSRAM			Tridonic		
Model	YT50	YT70	HTM 70	HTM 105		HTM 150		VIPER
Wattage	0 - 50W	0 - 70W	20 - 70W	35 - 105W		50 - 150W		20 - 60W
Quantity	1 lamp	1 lamp	1 lamp	1 lamp	2 lamp	1 lamp	2 lamp	1 lamp

Mode			LE & TE	LE & TE	LE & TE	LE & TE
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	N.A.	N.A.	N.A.	pass	N.A.	pass	N.A.	N.A.
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Dimmer	Without dimmer		
	Brand	Model	Watt
Dimmer	Busch Jaeger	6513 U-102	40 - 420W
	Gira	1176	50 - 420W
	Merten (Schneider)	5771	20 - 315W
	Doyle & Tratt (Varilight)	HQ3W	60 - 400W
	Insta Group (Berker)	283010	60 - 400W
	Insta Group (Berker/ Insta)	286710/51190	20 - 360W
	Legrand	67081	40 - 300W
	Legrand	67082	40 - 600W
	Legrand (Bticino)	L4407	60 - 250W
	Schneider Electric	315GLE	20 - 315W

TE	N.A.	N.A.	flicker	flicker	N.A.	37% - 99%	N.A.	N.A.
UNI	N.A.	N.A.	N.A.	32% - 99%	N.A.	flicker	N.A.	N.A.
TE	N.A.	N.A.	N.A.	29% - 99%	N.A.	43% - 99%	N.A.	N.A.
LE					N.A.		N.A.	
LE	N.A.	N.A.	flicker	6% - 99%	N.A.	flicker	N.A.	N.A.
LE	N.A.	N.A.	N.A.	13% - 99%	N.A.	5% - 99%	N.A.	N.A.
LE					N.A.		N.A.	
LE					N.A.		N.A.	
TE					N.A.		N.A.	
TE	N.A.	N.A.	N.A.	43% - 99%	N.A.	flicker	N.A.	N.A.

# Professional LED Low Voltage range

## Recommended Low Voltage Dimmer compatibility list - LED Lamps



### 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

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**Master LEDspot  
LV AR111 GU53  
20-100W CR190**

Transformer											
Brand	Philips						Varilight		OSRAM		Tridonic
Model	Certaline 60	Certaline 105	Certaline 150	Primaline 70	Primaline 105	Primaline 150	YT50	YT70	HTM 70	HTM 105	VIPER
Wattage	20 - 60W	35 - 105W	50 - 150W	20 - 70W	35 - 105W	50 - 150W	0 - 50W	0 - 70W	20 - 70W	35 - 105W	50 - 150W
Quantity	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp	1 lamp

Mode	TE	TE	TE	LE & TE	LE & TE	LE & TE	LE & TE	LE & TE	LE & TE	LE & TE	LE & TE
	N.A.	OK	OK	N.A.	OK	OK	N.A.	N.A.	N.A.	OK	OK

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

TE	N.A.	OK	OK	N.A.	OK	OK	N.A.	N.A.	N.A.	OK	OK
UNI	N.A.		OK	N.A.		OK	N.A.	N.A.	N.A.	OK	OK
TE	N.A.	OK	OK	N.A.	OK		N.A.	N.A.	N.A.	OK	OK
LE	N.A.	N.A.	N.A.	N.A.			N.A.	N.A.	N.A.	OK	OK
LE	N.A.	N.A.	N.A.	N.A.		OK	N.A.	N.A.	N.A.		OK
TE	N.A.			N.A.		OK	N.A.	N.A.	N.A.	OK	OK



**Master LEDspot  
LV MR16 6.5W  
(35W) DimTone**

Transformer															
Brand	Philips												Tridonic		
Model	Certaline 60	Certaline 105			Certaline 150			Primaline 70	Primaline 105			Primaline 150			VIPER
Wattage	20 - 60W	50 - 150W			50 - 150W			20 - 70W	35 - 105W			50 - 150W			20 - 60W
Quantity	1 lamp	1 lamp	2 lamps	3 lamps	1 lamp	2 lamps	3 lamps	1 lamp	1 lamp	2 lamps	3 lamps	1 lamp	2 lamps	3 lamps	1 lamp

Mode	TE	TE			TE			LE & TE	LE & TE			LE & TE		
TE	24%-98%	can't dim	19%-100%	17%-99%	15%-100%	16%-99%	17%-99%	16%-99%	18%-99%	16%-99%	15%-100%	16%-99%	17%-99%	18%-100%
UNI	18%-99%	can't dim	17%-99%	16%-99%	17%-99%	15%-99%	16%-99%	flicker	16%-99%	15%-99%	16%-99%	17%-99%	14%-100%	16%-99%
TE	41%-99%	can't dim	35%-100%	31%-99%	29%-99%	28%-100%	27%-99%	20%-99%	24%-99%	21%-98%	20%-99%	21%-98%	20%-99%	21%-99%
LE	flicker	can't dim	12%-99%	14%-99%	14%-99%	14%-98%	14%-99%	3%-99%	2%-99%	2%-100%	3%-99%	4%-99%	2%-100%	3%-99%
LE	flicker	can't dim	12%-100%	11%-100%	11%-99%	12%-99%	12%-100%	3%-99%	4%-99%	3%-99%	4%-98%	3%-99%	4%-99%	2%-100%
LE	19%-99%	can't dim	14%-99%	12%-99%	12%-99%	12%-100%	11%-99%	4%-99%	5%-100%	4%-99%	2%-100%	4%-99%	3%-99%	5%-100%
LE	flicker	can't dim	10%-99%	11%-100%	flicker	9%-99%	11%-99%	flicker	flicker	8%-99%	5%-99%	flicker	5%-99%	5%-99%
LE	flicker	can't dim	14%-99%	13%-99%	flicker	10%-99%	11%-100%	flicker	flicker	5%-99%	4%-98%	flicker	4%-98%	4%-99%
LE	flicker	can't dim	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker
LE	flicker	can't dim	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker
TE	flicker	can't dim	12%-99%	11%-99%	11%-99%	12%-100%	11%-98%	flicker	flicker	3%-99%	4%-98%	flicker	5%-99%	3%-99%
	2%-99%	can't dim	10%-99%	12%-99%	12%-99%	12%-98%	12%-99%	3%-100%	3%-99%	2%-99%	3%-100%	2%-99%	3%-99%	4%-98%

Dimmer	Brand	Model	Watt
	Without dimmer		
	Busch Jaeger	6513 U-102	40 - 420W
	Gira	1176	50 - 420W
	Merten (Schneider)	5771	20 - 315W
	Doyle & Tratt (Varilight)	HQ3W	60 - 400W
	Insta Group (Berker)	283010	60 - 400W
	Insta Group (Berker/ Insta)	286710/51190	20 - 360W
	Legrand	067081	40 - 300W
	Legrand	067082	40 - 600W
	Legrand	067084	40 - 300W
	Legrand (Bticino)	L4407	60 - 250W
	Schneider Electric	315GLE	20 - 315W
	Vimar	14153	

**Master LEDspot  
LV MR16 6.5W  
(35W) DimTone**

Transformer										
Brand	Varilight		OSRAM					Tridonic		
Model	YT50	YT70	HTM 70	HTM 105		HTM 150		VIPER		
Wattage	0 - 50W	0 - 70W	20 - 70W	35 - 105W		50 - 150W		20 - 60W		
Quantity	1 lamp	1 lamp	1 lamp	1 lamp	2 lamps	3 lamps	1 lamp	2 lamps		

Mode	LE & TE	LE & TE	LE & TE	LE & TE			LE & TE		LE & TE
TE	20%-100%	17%-99%	13%-99%	14%-99%	14%-100%	16%-99%	13%-99%	15%-99%	17%-99%
UNI	19%-100%	18%-99%	14%-100%	15%-99%	16%-99%	13%-98%	14%-99%	15%-99%	14%-98%
TE	23%-99%	21%-99%	18%-99%	19%-99%	16%-99%	15%-99%	14%-99%	14%-98%	13%-98%
LE	flicker	flicker	4%-99%	5%-99%	3%-99%	4%-99%	3%-99%	4%-99%	2%-99%
LE	14%-100%	16%-99%	4%-100%	4%-99%	3%-100%	4%-98%	2%-98%	3%-99%	3%-98%
LE	15%-100%	14%-100%	5%-99%	6%-99%	5%-99%	4%-99%	4%-98%	3%-99%	3%-99%
LE	flicker	flicker	flicker	flicker	4%-99%	3%-99%	flicker	5%-99%	4%-100%
LE	flicker	flicker	flicker	flicker	3%-99%	2%-99%	flicker	4%-99%	3%-99%
LE	10%-100%	8%-99%	flicker	flicker	flicker	flicker	flicker	flicker	flicker
LE	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker	flicker
TE	7%-100%	6%-99%	8%-99%	9%-99%	7%-99%	8%-99%	6%-99%	4%-98%	5%-99%
	3%-99%	4%-99%	4%-99%	6%-99%	7%-100%	5%-99%	4%-99%	5%-99%	4%-99%

Dimmer	Brand	Model	Watt
	Without dimmer		
	Busch Jaeger	6513 U-102	40 - 420W
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	Insta Group (Berker)	283010	60 - 400W
	Insta Group (Berker/ Insta)	286710/51190	20 - 360W
	Legrand	067081	40 - 300W
	Legrand	067082	40 - 600W
	Legrand	067084	40 - 300W
	Legrand (Bticino)	L4407	60 - 250W
	Schneider Electric	315GLE	20 - 315W
	Vimar	14153	