

Professional transformer compatibility list

LED Low Voltage range



Recommended transformer compatibility list for Low Voltage lamps
For non-dimmable systems only

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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				LED spots					
				MAS LED ExpertColor 10,8-50W 9xx AR111 xD 9290030432 9290030433 9290030434 9290030435 9290030436 9290030437	MAS LED ExpertColor 14,8-75W 9xx AR111 xxD 9290030426 9290030427 9290030428 9290030429 9290030430 9290030431	MAS LEDspotLV D 20-100W 927 AR111 24D 9290020503 9290020504 9290020505 9290020506 9290020507 9290020508	LED 4.6 - 35W MR16 WW 60D D RF 1PF/12 9290024941	MAS LED spot VLE D 5.8-35W MR16 9xx - xxD 9290024925 9290024926 9290024927 9290024928 9290024929 9290024930	MAS LEDspotLV DimTone 5.8-35W MR16 36D 9290024931
									
Transformer 50-70W	Brand / type	Watt	LED Watt	1	1	1	1-4	1-3	1-3
	Philips Primaline 70	20-70	20-70	1	1	1	1-4	1-3	1-3
	OSRAM Halotronic HTM 70 (new type)	20-70	4-14	1	1	1	1-4	1-3	1-3
	Philips Certaline 60	20-60	4-12	1	1	1	1-4	1-3	1-3
	SEET STE 70VA 7429	20-70	4-14	1	1	N.A.	1-2	1-2	1-2
	TRIDONIC SPEEDY TE-0050 C101	20-50	4-10	1	N.A.	N.A.	1-2	1	1
	TCI PICO WOLF 60	10-60	4-12	1	N.A.	N.A.		2	2
	Vossloh Schwabe EST 60/12.635	10-60	4-12	1	N.A.	N.A.	1-2	1-2	1-2
	RELCO ICE60 PFS TH 60W	10-60	4-12	1	N.A.	N.A.	1-2	1-2	1-2
	RELCO MINI ICE RN1650 70W	20-70	4-14	1	1	N.A.	1-2	1-2	1-2
	Varilight YT50L	0-50	0-10	1	1	1	1-4	1-3	1-2
	Varilight YT70L	0-70	0-14	1	1	1	1-4	1-3	1-3
	TRIDONIC SPEEDY TE-0070	20-70	4-14	1	1	N.A.	2	1,2	2
Transformer 105W	Vossloh Schwabe EST 70/12.380	20-70	4-14	1	1	N.A.	1-2	1,2	1-2
	Radiant XE060/03	20-50	4-10	1	N.A.	N.A.	1-2	1	1
	OSRAM ET-P 60	20-60	4-12		N.A.	N.A.			
	Philips Primaline 105	35-105	7-20	1	1	1	1-4	1-4	1-4
	OSRAM Halotronic HTM 105	35-105	7-20	1	1	1	1-4	1-4	1-4
	Philips Certaline 105	35-105	7-20	1	1	1	1-4	1-4	1-4
	Tridonic speedy TE-0105 C101	35-105	7-20	2	2	2	2-4	2-3	2-3
	RELCO ICE 105 PFS TH	20-105	4-20	1-2	1	1	1-4	1-3	1-3
	Vossloh Schwabe EST 105	20-105	4-20	1-2	1	1	1-4	1-3	1-3
	Varilight YT105L	0-105	0-20	1-2	1	1	1-4	1-3	1-3
Transformer 150-160W	IBL lighting UK 4106.00 105W	35-105	7-20	1-2	1	1	1-4	1-3	1-3
	TCI Pico Wolf 105	20-105	4-20	1-2	1	1	1-4	1-3	2-3
	GIRA tronic trafo	20-105	4-20	1-2	1	1	1-4	1-3	1-3
	Philips Primaline 150	50-150	10-30	1-2	1-2	1	1-4	1-4	1-6
	Philips certaline 150	50-150	10-30	1-2	1-2	1	2-4	2-4	1-6
	Relco ICE 150	50-150	10-30	2	2	1	2-6	2-5	2-5
	Relco ICE 160 PFS TH	100-160	20-32	2	2	2	3-6	4-5	4-5
	TCI (DIAG) TI50 (WX150)	30-150	6-30	2	3	1	2-6	2-5	2-5
Transformer 210-250W	OSRAM HTM 150	50-150	10-30	1-2	1-2	1	2-4	2-4	2-6
	SEET HA-150 code 7431	50-150	10-30	1-3	1-2	1	2-6	2-5	2-5
	Varilight YT150	0-150	0-30	1-3	1-2	1	1-6	1-5	1-5
	RELCO ICE 200 PFS TH	100-200	20-40	2-4	2	2	4-8	4-6	4-6
	SEET HA 210 code 7432	50-210	10-42	1-4	2	1-2	2-8	2-6	2-6
				TCI W210	50-210	10-42	2-4	3-6	3-6
				RELCO ICE 250 PFS TH	100-250	20-50		4-8	4-8
				VARILIGHT YT 250	0-250	0-50	1-10	1-8	1-8
				TCI W250	50-250	10-50	4-10	4-8	4-8

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				LED spots					
				MAS LED SPOT VLE D 7.5-50W MR16 9xx - xxD 9290024932 9290024933 9290024934 9290024935 9290024936 9290024937 	MAS LEDspotLV D 7.5-50W 9xx MR16 xxD 9290024919 9290024920 9290024921 9290024922 9290024923 9290024924 	MAS LED ExpertColor 6.7-35W MR16 9xx - xxD 9290030785, 9290030786 9290030787, 9290030788 9290030789, 9290030790 9290030791, 9290030792 9290030793, 9290030794 9290030795, 9290030796 	MAS LED ExpertColor 7.5-43W MR16 9xx - xxD 9290030797 9290030798 9290030799 9290030800 9290030801 9290030802 	MAS LEDspotLV 3.5-20W 827 MR11 24D 9290030870 	CorePro LED spot ND 2.9-20W MR16 827 36D 9290024945 
				Dimmable	Dimmable	Dimmable	Dimmable	Dimmable	Dimmable
Transformer 50-70W	Brand / type	Watt	LED Watt						
	Philips Primaline 70	20-70	20-70	1-2	1	1-2	1	1-4	1-5
	OSRAM Halotronic HTM 70 (new type)	20-70	4-14	1-2	1	1	1	1-4	1-5
	Philips Certaline 60	20-60	4-12	1-2	1	1	1	1-4	1-4
	SEET STE 70VA 7429	20-70	4-14	1	1	1-2	1	2-4	2-4
	TRIDONIC SPEEDY TE-0050 C101	20-50	4-10	1	1	1	1	2-4	
	TCI PICO WOLF 60	10-60	4-12	2			2	2-4	
	Vossloh Schwabe EST 60/12.635	10-60	4-12	1	1	1-2	1	2-4	4
	RELCO ICE60 PFS TH 60W	10-60	4-12	1	1	1-2	1	2-4	2-4
	RELCO MINI ICE RN1650 70W	20-70	4-14		1	1-2	1	2-4	2-4
	Varilight YT50L	0-50	0-10	1	1	N.A.	N.A.	1-4	1-3
	Varilight YT70L	0-70	0-14	1	1	1	1	1-4	1-4
	TRIDONIC SPEEDY TE-0070	20-70	4-14	2	1	2	2	2-4	
Transformer 105W	Vossloh Schwabe EST 70/12.380	20-70	4-14	1-2	1	1-2	1	2-4	2-4
	Radiant XE060/03	20-50	4-10	1	1	1	1	2-4	2-4
	OSRAM ET-P 60	20-60	4-12						3-4
	Philips Primaline 105	35-105	7-20	1-3	1-2	1-2	1-2	1-5	1-10
	OSRAM Halotronic HTM 105	35-105	7-20	1-3	1-2	1-2	1-2	1-5	1-5
	Philips Certaline 105	35-105	7-20	1-3	1-2	1-2	1-2	1-5	1-10
	Tridonic speedy TE-0105 C101	35-105	7-20	2	1-2	2-3	2	3-5	2-5
	RELCO ICE 105 PFS TH	20-105	4-20	1-2	1-2	1-3	1-2	2-5	
	Vossloh Schwabe EST 105	20-105	4-20	1-2	1-2	1-3	1-2	2-5	2-5
Transformer 150-160W	Varilight YT105L	0-105	0-20	1-2	1-2	1-3	1-2	1-5	1-5
	IBL lighting UK 4106.00 105W	35-105	7-20	1-2	1-2	1-3	1-2	2-5	2-5
	TCI Pico Wolf 105	20-105	4-20	1-2	1-2	1-3	1-2	2-5	2-5
	GIRA tronic trafo	20-105	4-20	1-2	1-2	1-3	1-2	2-5	2-5
	Philips Primaline 150	50-150	10-30	1-4	1-3	1-3	1-3	1-5	1-5
	Philips certaline 150	50-150	10-30	1-4	1-3	1-3	1-3	2-5	1-5
	Relco ICE 150	50-150	10-30	2-3	2-3	3-5	2-3	4-8	3-8
	Relco ICE 160 PFS TH	100-160	20-32	3	3	3-5	3	5-8	
	TCI (DIAG) TI50 (WX150)	30-150	6-30	2-3	2-3	2-5	2-3	2-8	2-8
Transformer 210-250W	OSRAM HTM 150	50-150	10-30	2-4	1-3	1-2	1-9		1-10
	SEET HA-150 code 7431	50-150	10-30	1-3	1-3	2-5	1-3	3-8	3-8
	Varilight YT150	0-150	0-30	1-3	1-3	1-5	1-3	1-8	1-8
	RELCO ICE 200 PFS TH	100-200	20-40	3-5	3-5	4-6	3-5	7-11	
	SEET HA 210 code 7432	50-210	10-42	1-5	1-5	2-6	1-5	3-11	3-11
	TCI W210	50-210	10-42	3-5	2-5	2-6	2-5	5-11	
	RELCO ICE 250 PFS TH	100-250	20-50	4-6	4-6	4-8	4-6	6-14	
	VARILIGHT YT 250	0-250	0-50	1-6	1-6	1-8	1-6	1-14	1-12
	TCI W250	50-250	10-50	2-6	2-6	4-8	2-6	4-14	3-12

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				LED spots				
				CorePro LED spot ND 4.4-35W MR16 827 36D 9290024946	CorePro LED spot ND 4.4-35W MR16 840 36D 9290024947	CorePro LEDspot 7-50W 830 AR111 40D 9290029650	CorePro LEDspot 10-75W 830 AR111 40D 9290029651	CorePro LEDspot 14-100W 830 AR111 40D 9290029652
Transformer 50-70W	Brand / type	Watt	LED Watt					
	Philips Primaline 70	20-70	20-70	1 - 3	1 - 3	1 - 2	1	1
	OSRAM Halotronic HTM 70 (new type)	20-70	4-14	1 - 3	1 - 3	1 - 2	1	1
	Philips Certaline 60	20-60	4-12	1 - 3	1 - 3	1 - 2	1	1
	SEET STE 70VA 7429	20-70	4-14	2 - 4	2 - 4	1	1	1
	TRIDONIC SPEEDY TE-0050 CI01	20-50	4-10	2 - 4	2 - 4	1	1	N.A.
	TCI PICO WOLF 60	10-60	4-12	2 - 4	2 - 4	2	2	N.A.
	Vossloh Schwabe EST 60/12.635	10-60	4-12	2 - 4	2 - 4		1	N.A.
	RELCO ICE60 PFS TH 60W	10-60	4-12	2 - 4	2 - 4	1	1	N.A.
	RELCO MINI ICE RN1650 70W	20-70	4-14	2 - 4	2 - 4	2	1	1
	Varilight YT50L	0-50	0-10	1 - 3	1 - 3	1 - 2	1	1
	Varilight YT70L	0-70	0-14	1 - 3	1 - 3	1 - 2	1	1
	TRIDONIC SPEEDY TE-0070	20-70	4-14		3 - 4	2	1	1
	Vossloh Schwabe EST 70/12.380	20-70	4-14	2 - 4	2 - 4	1	1	1
	Radiant XE060/03	20-50	4-10	2 - 4	2 - 4	1	1	N.A.
Transformer 105W	OSRAM ET-P 60	20-60	4-12	2 - 4	2 - 4			N.A.
	Philips Primaline 105	35-105	7-20	1 - 5	1 - 5	1 - 3	1 - 2	1
	OSRAM Halotronic HTM 105	35-105	7-20	1 - 5	1 - 5	1 - 3	1 - 2	1
	Philips Certaline 105	35-105	7-20	1 - 5	1 - 5	1 - 3	1 - 2	1
	Tridonic speedy TE-0105 CI01	35-105	7-20	2 - 5	2 - 4	2	2	
	RELCO ICE 105 PFS TH	20-105	4-20	2 - 5	2 - 4	1 - 2	1 - 2	1
	Vossloh Schwabe EST 105	20-105	4-20	2 - 5	2 - 4	1 - 2	1 - 2	1
	Varilight YT105L	0-105	0-20	1 - 5	1 - 4	1 - 2	1 - 2	1
	IBL lighting UK 4106.00 105W	35-105	7-20	2 - 5	2 - 4	1 - 2	1 - 2	1
	TCI Pico Wolf 105	20-105	4-20	2 - 5	2 - 4	1 - 2	1 - 2	1
Transformer 150-160W	GIRA tronic trafo	20-105	4-20	2 - 5	2 - 4	1 - 2	1 - 2	1
	Philips Primaline 150	50-150	10-30	1 - 3	1 - 3	1 - 3	1 - 3	1 - 2
	Philips certaline 150	50-150	10-30	1 - 7	1 - 7	1 - 3	1 - 3	1 - 2
	Relco ICE 150	50-150	10-30	3 - 8	3 - 4	3	2	2
	Relco ICE 160 PFS TH	100-160	20-32	5 - 8	4	3		
	TCI (DIAG) TI150 (WX150)	30-150	6-30	2 - 8	2 - 4	2 - 3	1 - 2	1 - 2
	OSRAM HTM 150	50-150	10-30	1 - 5	1 - 5			
	SEET HA-150 code 7431	50-150	10-30	3 - 8	3 - 4	1 - 3	1 - 3	1 - 2
Transformer 210-250W	Varilight YT150	0-150	0-30	1 - 8	1 - 4	1 - 3	1 - 3	1 - 2
	RELCO ICE 200 PFS TH	100-200	20-40	5 - 8	4	3 - 5	2 - 4	
	SEET HA 210 code 7432	50-210	10-42	3 - 8	3 - 4	2 - 5	1 - 4	2
	TCI W210	50-210	10-42	3 - 8	3 - 4	2 - 5	2 - 4	2
	RELCO ICE 250 PFS TH	100-250	20-50		4	5 - 6	5	
	VARILIGHT YT 250	0-250	0-50	1 - 8	1 - 4	1 - 6	1 - 5	1 - 3
	TCI W250	50-250	10-50	3 - 8	3 - 4	3 - 6	2 - 5	2 - 3

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				LED spots				
				Master LEDspot Dimtone MR16 7 - 50W 9290020589	Master LED ExpertColor MR16 D 6.5 - 35W 9290013417 Master LED ExpertColor MR16 D 7.5 - 43W 9290013860	Master LEDspot D 8-50W MR16 9290018815	Master LEDspot DimTone MR16 5-35W 9290019047	Master LEDspot VLE D 7-50W MR16 9290019034
								
Transformer 50-70W	Brand / type	Watt	LED Watt					
	Philips Primaline 70	20-70	20-70					
	OSRAM Halotronic HTM 70 (new type)	20-70	4-14	1	1	1	1-2	1
	Philips Certaline 60	20-60	4-12	1	1	1	1-2	1
	SEET STE 70VA 7429	20-70	4-14	1	1	1	1-2	1
	TRIDONIC SPEEDY TE-0050 C101	20-50	4-10	1	1	1	1-2	1
	TCI PICO WOLF 60	10-60	4-12				2	
	Vossloh Schwabe EST 60/12.635	10-60	4-12	1	1	1	1-2	1
	RELCO ICE60 PFS TH 60W	10-60	4-12	1	1	1	1	1
	RELCO MINI ICE RN1650 70W	20-70	4-14			1		1
	Varilight YT50L	0-50	0-10	1	1	1	1-2	1
	Varilight YT70L	0-70	0-14	1	1	1	1-2	1
	TRIDONIC SPEEDY TE-0070	20-70	4-14		1	1	2	1
	Vossloh Schwabe EST 70/12.380	20-70	4-14	1	1	1	2	1
	Radiant XE060/03	20-50	4-10	1	1	1	1-2	1
	OSRAM ET-P 60	20-60	4-12	1	1	1		1
Transformer 105W	Philips Primaline 105	35-105	7-20	1-2	1-2	1-2	2-4	1-2
	OSRAM Halotronic HTM 105	35-105	7-20	1-2	1-2	1-2	2-4	1-2
	Philips Certaline 105	35-105	7-20	2	1-2	1-2	3-4	1-2
	Tridonic speedy TE-0105 C101	35-105	7-20	2	2	2	3-4	2
	RELCO ICE 105 PFS TH	20-105	4-20	2	2		3-4	1-2
	Vossloh Schwabe EST 105	20-105	4-20	1-2	1-2	1-2	2-4	1-2
	Varilight YT105L	0-105	0-20	1-2	1-2	1-2	1-4	1-2
	IBL lighting UK 4106.00 105W	35-105	7-20	2	2	1-2	2-4	2
	TCI Pico Wolf 105	20-105	4-20	2	1-2	1-2	1-4	
GIRA tronic trafo	20-105	4-20	2	2	1-2	1-4	1-2	
Transformer 150-160W	Philips Primaline 150	50-150	10-30	1-3	1-3	1-3	2-6	1-3
	Philips certaline 150	50-150	10-30	1-3	1-3	1-3	3-6	1-3
	Relco ICE 150	50-150	10-30	3	3	3	3-6	1-3
	Relco ICE 160 PFS TH	100-160	20-32			3	4-6	3
	TCI (DIAG) T150 (WX150)	30-150	6-30	2-3	2-3	2-3	4-6	1-3
	OSRAM HTM 150	50-150	10-30	2-3	2-3	2-3	2-6	2-3
	SEET HA-150 code 7431	50-150	10-30	1-3	1-3	1-3	2-6	1-3
	Varilight YT150	0-150	0-30	1-3	1-3	1-3	1-6	1-3
Transformer 210-250W	RELCO ICE 200 PFS TH	100-200	20-40	3-4	4	2-4	4-8	3-4
	SEET HA 210 code 7432	50-210	10-42	2-4	2-4	2-4	4-8	1-4
	TCI W210	50-210	10-42	3-4	2-4	2-4	4-8	3-4
	RELCO ICE 250 PFS TH	100-250	20-50		4-5			3-4
	VARILIGHT YT 250	0-250	0-50	1-5	1-5	1-5	1-8	1-5
	TCI W250	50-250	10-50	3-5	2-5	2-5	4-8	2-5

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				Master LEDspot Expertcolor 11-50W AR111 40° D 9290022388 	Master LEDspot Expertcolor 15-75W AR111 40° D 9290022390 	Corepro LEDspot ND 3 - 20W MR16 9290013440 	Corepro LEDspot ND 5 - 35W MR16 9290013443 
Transformer 50-70W	Brand / type	Watt	LED Watt				
	Philips Primaline 70	20-70	20-70				
	OSRAM Halotronic HTM 70 (new type)	20-70	4-14	1	1	1-3	1-2
	Philips Certaline 60	20-60	4-12	1	N.A.	1-3	1-2
	SEET STE 70VA 7429	20-70	4-14	1	1	1-3	1-2
	TRIDONIC SPEEDY TE-0050 C101	20-50	4-10	1	N.A.		2
	TCI PICO WOLF 60	10-60	4-12	1	N.A.		
	Vossloh Schwabe EST 60/12.635	10-60	4-12	1	N.A.	1-3	1-2
	RELCO ICE60 PFS TH 60W	10-60	4-12	1	N.A.	1-3	1-2
	RELCO MINI ICE RN1650 70W	20-70	4-14	1	1		
	Varilight YT50L	0-50	0-10	1	N.A.	1-2	1
	Varilight YT70L	0-70	0-14	1	1	1-3	1-2
	TRIDONIC SPEEDY TE-0070	20-70	4-14	1			
	Vossloh Schwabe EST 70/12.380	20-70	4-14	1	1	1-3	1-2
	Radiant XE060/03	20-50	4-10	1	N.A.	1-2	1
OSRAM ET-P 60	20-60	4-12	1	N.A.	1-3	1	
Transformer 105W	Philips Primaline 105	35-105	7-20	1-2	1	2-5	1-3
	OSRAM Halotronic HTM 105	35-105	7-20	1-2	1	2-5	1-3
	Philips Certaline 105	35-105	7-20	1-2	1	2-5	1-3
	Tridonic speedy TE-0105 C101	35-105	7-20	2		2-5	1-3
	RELCO ICE 105 PFS TH	20-105	4-20	1-2	1		1-3
	Vossloh Schwabe EST 105	20-105	4-20	1-2	1	1-5	1-3
	Varilight YT105L	0-105	0-20	1-2	1	1-5	1-3
	IBL lighting UK 4106.00 105W	35-105	7-20	1-2	1	2-5	1-3
	TCI Pico Wolf 105	20-105	4-20	1-2	1	2-5	1-3
GIRA tronic trafo	20-105	4-20	1-2	1		1-3	
Transformer 150-160W	Philips Primaline 150	50-150	10-30	1-2	1-2	3-7	2-4
	Philips certaline 150	50-150	10-30	1-2	1-2	3-7	2-4
	Relco ICE 150	50-150	10-30	1-2	2	3-7	2-4
	Relco ICE 160 PFS TH	100-160	20-32	1-2	2		
	TCI (DIAG) T150 (WX150)	30-150	6-30	1-2	1-2	2-7	1-4
	OSRAM HTM 150	50-150	10-30	1-2	1-2	3-7	3-4
	SEET HA-150 code 7431	50-150	10-30	1-3	1-2	4-7	2-4
	Varilight YT150	0-150	0-30	1-3	1-2	1-7	1-4
Transformer 210-250W	RELCO ICE 200 PFS TH	100-200	20-40	2-4	2		
	SEET HA 210 code 7432	50-210	10-42	1-4	2		
	TCI W210	50-210	10-42	2-4	2	5-10	2-6
	RELCO ICE 250 PFS TH	100-250	20-50	3-5			
	VARILIGHT YT 250	0-250	0-50	1-5	1-3	1-10	1-7
	TCI W250	50-250	10-50	2-5	2-3	3-10	2-7

Professional transformer compatibility list

LED Low Voltage range



Recommended transformer compatibility list for Low Voltage lamps
For non-dimmable systems only

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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				LED spots			
				Corepro LEDspot ND 7 - 50W MR16 GU5.3 9290019049	CorePro LED spot 2.3-20W ND 827 MR11 36°D 9290020664	MAS LED ExpertColor 6.7-35W MR16 927 60D 9290030785	MAS LEDspotLV 3.5-20W 827 MR11 24D 9290030870
Transformer 50-70W	Brand / type	Watt	LED Watt				
	Philips Primaline 70	20-70	20-70	1 - 2	1 - 4	1	4
	OSRAM Halotronic HTM 70 (new type)	20-70	4-14	1	2 - 6	1	4
	Philips Certaline 60	20-60	4-12	1	2 - 5	1	4
	SEET STE 70VA 7429	20-70	4-14	1	2 - 6		
	TRIDONIC SPEEDY TE-0050 C101	20-50	4-10				
	TCI PICO WOLF 60	10-60	4-12				
	Vossloh Schwabe EST 60/12.635	10-60	4-12		1 - 5		
	RELCO ICE60 PFS TH 60W	10-60	4-12	1	1 - 5		
	RELCO MINI ICE RN1650 70W	20-70	4-14		2 - 6		
	Varilight YT50L	0-50	0-10	1	1 - 4	1	4
	Varilight YT70L	0-70	0-14	1 - 2	1 - 6	1	4
	TRIDONIC SPEEDY TE-0070	20-70	4-14				
	Vossloh Schwabe EST 70/12.380	20-70	4-14	1	2 - 6		
Transformer 105W	Radiant XE060/03	20-50	4-10	1	2 - 5		
	OSRAM ET-P 60	20-60	4-12	1			
	Philips Primaline 105	35-105	7-20	1 - 3	4 - 9	2	5
	OSRAM Halotronic HTM 105	35-105	7-20	1 - 3	4 - 9	2	5
	Philips Certaline 105	35-105	7-20	1 - 3	4 - 9	2	5
	Tridonic speedy TE-0105 C101	35-105	7-20	2			
	RELCO ICE 105 PFS TH	20-105	4-20				
	Vossloh Schwabe EST 105	20-105	4-20	1 - 2	2 - 9		
	Varilight YT105L	0-105	0-20	1 - 2	1 - 9		
Transformer 150-160W	IBL lighting UK 4106.00 105W	35-105	7-20	1 - 2	4 - 9		
	TCI Pico Wolf 105	20-105	4-20	1 - 2			
	GIRA tronic trafo	20-105	4-20	1 - 2	2 - 9		
	Philips Primaline 150	50-150	10-30	2 - 4	5 - 10	4	5
	Philips certaline 150	50-150	10-30	2 - 4	5 - 10	4	5
	Relco ICE 150	50-150	10-30		5 - 10		
	Relco ICE 160 PFS TH	100-160	20-32				
	TCI (DIAG) TT50 (WX150)	30-150	6-30	2 - 3	3 - 10		
Transformer 210-250W	OSRAM HTM 150	50-150	10-30	2 - 4	5 - 10	4	5
	SEET HA-150 code 7431	50-150	10-30		5 - 10		
	Varilight YT150	0-150	0-30	1 - 3	1 - 10		
	RELCO ICE 200 PFS TH	100-200	20-40				
	SEET HA 210 code 7432	50-210	10-42		5 - 10		
	TCI W210	50-210	10-42		5 - 10		
	RELCO ICE 250 PFS TH	100-250	20-50				
	VARILIGHT YT 250	0-250	0-50	1 - 5	1 - 10		
	TCI W250	50-250	10-50		5 - 10		

Professional transformer compatibility list

LED Low Voltage range



Recommended transformer compatibility list for Low Voltage lamps
For non-dimmable systems only

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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				LED spots				
				LED 10W G4 WW 12V ND 9290023888 LED 10W G4 WH 12V ND 9290023889	LED 20W G4 WW 12V ND 9290023890 LED 20W G4 WH 12V RF ND 9290023891	LED 28W G4 WW 12V ND 9290023892	CorePro LEDcapsule LV 2.1-20W G4 827 D 9290023894	LED 20W GY6.35 WW 12V ND 9290023897 LED 20W GY6.35 WH 12V RF ND 9290023898
								
Transformer 50-70W	Brand / type	Watt	LED Watt					
	Philips Primaline 70	20-70	20-70	1-10	1-10	1-5	2-9	1-10
	OSRAM Halotronic HTM 70 (new type)	20-70	4-14	1-10	1-10	1-5	3 - 8	1-10
	Philips Certaline 60	20-60	4-12	1-10	1-10	1-4	3 - 8	1-10
	SEET STE 70VA 7429	20-70	4-14	1-10	1-10	1-5	3 - 8	1-10
	TRIDONIC SPEEDY TE-0050 C101	20-50	4-10					
	TCI PICO WOLF 60	10-60	4-12					
	Vossloh Schwabe EST 60/12.635	10-60	4-12					
	RELCO ICE60 PFS TH 60W	10-60	4-12					
	RELCO MINI ICE RN1650 70W	20-70	4-14					
	Varilight YT50L	0-50	0-10	1-10	1-10	1-10	1-10	1-10
	Varilight YT70L	0-70	0-14	1-10	1-10	1-10	3 - 8	1-10
	TRIDONIC SPEEDY TE-0070	20-70	4-14	1-10	1-10	1-10	3 - 8	1-10
	Vossloh Schwabe EST 70/12.380	20-70	4-14					
Transformer 105W	Radiant XE060/03	20-50	4-10					
	OSRAM ET-P 60	20-60	4-12					
	Philips Primaline 105	35-105	7-20	1-10	1-10	1-2	2-9	1-10
	OSRAM Halotronic HTM 105	35-105	7-20	1-10	1-10	1-2	3 - 8	1-10
	Philips Certaline 105	35-105	7-20	1-10	1-8	1-4, 6-10	3 - 8	1-8, 10
	Tridonic speedy TE-0105 C101	35-105	7-20	1-10	1-10	1-5	3 - 8	1-10
	RELCO ICE 105 PFS TH	20-105	4-20					
	Vossloh Schwabe EST 105	20-105	4-20					
	Varilight YT105L	0-105	0-20					
	IBL lighting UK 4106.00 105W	35-105	7-20					
Transformer 150-160W	TCI Pico Wolf 105	20-105	4-20					
	GIRA tronic trafo	20-105	4-20					
	Philips Primaline 150	50-150	10-30	1-10	1-6	1-4	2-9	1-6
	Philips certaline 150	50-150	10-30	1-10	1-6	1-4	4 - 8	1-6
	Relco ICE 150	50-150	10-30	1-10	1-10	1-5	3 - 8	1-10
	Relco ICE 160 PFS TH	100-160	20-32					
	TCI (DIAG) TI50 (WX150)	30-150	6-30					
	OSRAM HTM 150	50-150	10-30	1-2	1-10	1-10	2-9	1-10
Transformer 210-250W	SEET HA-150 code 7431	50-150	10-30	1-2	1-2	1-10	3 - 8	1-10
	Varilight YT150	0-150	0-30					
	RELCO ICE 200 PFS TH	100-200	20-40					
	SEET HA 210 code 7432	50-210	10-42					
	TCI W210	50-210	10-42					
	RELCO ICE 250 PFS TH	100-250	20-50					
	VARILIGHT YT 250	0-250	0-50					
	TCI W250	50-250	10-50					

Professional dimmer transformer compatibility list

LED Low Voltage range



Recommended Low Voltage Dimmer compatibility list - LED Lamps

KEY

#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is below 30%AND maximum dimming level is at least 80%.
#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is between 30% (inclusive) and 50% AND maximum level is above or equal to 70%.
	Transformer is not compatible.
	Transformer lamp combination not applicable
	Transformer lamp combination not tested

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MAS LEDspotLVD 7.5-50W
9xx MR16 xxD
9290024919, 9290024920,
9290024921, 9290024922,
9290024923, 9290024924

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 - 60W	35 - 150W	50 - 150W	20-70W	35-105W	50 - 150W	0 - 50W	0 - 70W	20 - 70W	35 - 105W	50 - 150W	20 - 60W

Dimmer	Brand	Model	Load
	Busch Jaeger	6513 U-102, TE	2 - 100W
	Busch Jaeger	6523 UR-103, TE	2-100W, LE 2-400W, TE
	Doyle & Tratt (Varilight)	HQ3W	60-400W
	Schneider (Elko)	SBD200LED (CCTEL10501) (S520512: 4-400VA)	4-40W, LE 4-200W, TE
	Merten Schneider	MEG5300-0001 (CCT99100), TE	4 - 20VA, LE 4 - 100VA, TE
	Legrand	BTN441IN, LE BTNT441I BTL441IN	5 - 75VA
	Legrand	752060	5 - 75VA
	Gira	245000, TE	20 - 60W LE & TE
	Gira INSTA	540100, TE	20 - 100W LE & TE

1	1	1	1	2	1-3	1	1	1		2-3	1
1	1	1	1	1	1	1	1	1	1	1	1
1		1-3			1-2			1	1-2		
	2	2-3	1	1-2	1	1	1	1	1-2	2	1
1	1	1		1	1	1	1	1	1	1	1
1	1-2	1	1	1	2-3	1	1	1	1-2	2-3	
1	2	2		1	1	1	1	1	1	2	1
1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1-2	1	1	1	1	1	1

Professional dimmer transformer compatibility list

LED Low Voltage range



Recommended Low Voltage Dimmer compatibility list - LED Lamps

KEY

#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is below 30% AND maximum dimming level is at least 80%.
#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is between 30% (inclusive) and 50% AND maximum level is above or equal to 70%.
	Transformer is not compatible.
	Transformer lamp combination not applicable
	Transformer lamp combination not tested

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MAS LED spot VLE D 5.8-35W MR16
9xx-xxD
9290024925, 9290024926,
9290024927, 9290024928,
9290024929, 9290024930

Philips				Varilight		OSRAM			Tridonic
Certaline 105	Primaline 70	Primaline 105	Primaline 150	YT50	YT70	HTM 70	HTM 105	HTM 150	VIPER
35 - 150W	20-70W	35 - 105W	50 - 150W	0 - 50W	0 - 70W	20 - 70W	35 - 105W	50 - 150W	20 - 60W
1	2	2	1	1	1		1		
1-2	2	2	1	1	1	1	1		1
1-2			1	1	1	1	1		
1	2	2	1	1	1	1	1		
1-2		2	1	1	1	1	1	2	1
1-2			1	1	1	1	1		
1		2	1	1	1	1	1	2	
	2	2	1	1	1	1	1	2	1
1	2	2	1	1	1	1	1	2	1

Professional dimmer transformer compatibility list

LED Low Voltage range



Recommended Low Voltage Dimmer compatibility list - LED Lamps

KEY

#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is below 30% AND maximum dimming level is at least 80%.
#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is between 30% (inclusive) and 50% AND maximum level is above or equal to 70%.
	Transformer is not compatible.
	Transformer lamp combination not applicable
	Transformer lamp combination not tested

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MAS LED SPOT VLE D 7.5-50W
MR16 9xx-xxD
9290024932, 9290024933,
9290024934, 9290024935,
9290024936, 9290024937

Transformer									
Philips				Varilight		OSRAM			Tridonic
Certaline 105	Primaline 70	Primaline 105	Primaline 150	YT50	YT70	HTM 70	HTM 105	HTM 150	VIPER
35-105W	20-70W	35 - 105W	50 - 150W	0 - 50W	0 - 70W	20 - 70W	35 - 105W	50 - 150W	20 - 60W

	Brand	Model	Load
Dimmer	Doyle & Tratt (Varilight)	HQ3W	60-400W
	Schneider (Elko)	SBD200LED (CCTEL10501) (S520512: 4-400VA) SBD200LED (MEG5134-0000)	4-40W, LE 4-200W, TE
	Merten Schneider	MEG5300-0001 (CCT99100), TE	4 - 20VA, LE 4 - 100VA, TE
	Busch-Jaeger	6523 U-102, TE	2 - 100W
	Busch Jaeger	6523 UR-103, TE	2-100W, LE 2-400W, TE
	Legrand	BTN4411N, TE BTNT4411 BTL4411N	5 - 75VA
	Legrand	752060	5 - 75VA
	Gira	245000, TE	20 - 60W LE & TE
	Gira INSTA	5401 00, TE	20 - 100W LE & TE

1	2	2	2	1	1		1		
1-2	2	2	2	1	1	1	1		1
1-2			2	1	1	1	1		
1	2	2	2	1	1		1		
1-2		2	2	1	1	1	1	2	1
			2	1	1	1	1		
1-2		2	2	1	1	1	1	2	1
	2	2	2	1	1	1	1	2	1
1-2	2	2	2	1	1	1	1	2	1

Professional dimmer transformer compatibility list

LED Low Voltage range



Recommended Low Voltage Dimmer compatibility list - LED Lamps

KEY

#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is below 30% AND maximum dimming level is at least 80%.
#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is between 30% (inclusive) and 50% AND maximum level is above or equal to 70%.
	Transformer is not compatible.
	Transformer lamp combination not applicable
	Transformer lamp combination not tested

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MAS LED ExpertColor 6.7-35W
MR16 9xx-xxD
9290030785, 9290030786,
9290030787, 9290030788,
9290030789, 9290030790,
9290030791, 9290030792,
9290030793, 9290030794,
9290030795, 9290030796

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
20-60W	35-105W	50-150W	20-70W	35-105W	50-150W	0-50W	0-70W	20-70W	35-105W	50-150W	20-60W
1	1	1	1	1	1		1	1	1	2	1
1	1	1	1 (update)	1	1		1	1	1	2	1
	1	1		1	1			1	1		
	2	2		1 - 2	1	1 (update)	1	1	1	2	1
1	1	1	1 (update)	1	1		1	1	1	1	1
	1 - 2	1	1	1 - 2	2 - 3			1 - 2	1 - 2	2	1
	2	2	1		1		1	1	1	2	1
1	1	1	1 (update)	1	1		1	1	1	1	1
1	1	1	1 (update)	1	1	1 (update)	1	1	1	1	1

Professional dimmer transformer compatibility list

LED Low Voltage range



Recommended Low Voltage Dimmer compatibility list - LED Lamps

KEY

#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is below 30% AND maximum dimming level is at least 80%.
#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is between 30% (inclusive) and 50% AND maximum level is above or equal to 70%.
	Transformer is not compatible.
	Transformer lamp combination not applicable
	Transformer lamp combination not tested

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MAS LEDspotLV DimTone 5.8-35W
MR16 36D
9290024931

Transformer									
Philips				Varilight		OSRAM			Tridonic
Certaline 105	Primaline 70	Primaline 105	Primaline 150	YT50	YT70	HTM 70	HTM 105	HTM 150	VIPER
35-105W	20-70W	35 - 105W	50 - 150W	0 - 50W	0 - 70W	20 - 70W	35 - 105W	50 - 150W	20 - 60W

	Brand	Model	Load
Dimmer	Doyle & Tratt (Varilight)	HQ3W	60-400W
	Schneider (Elko)	SBD200LED (CCTEL10501) (S520512: 4-400VA) SBD200LED (MEG5134-0000)	4-40W, LE 4-200W, TE
	Merten Schneider	MEG5300-0001 (CCT99100), TE	4 - 20VA, LE 4 - 100VA, TE
	Busch-Jaeger	6523 U-102, TE	2 - 100W
	Busch Jaeger	6523 UR-103, TE	2-100W, LE 2-400W, TE
	Legrand	BTN4411N, TE BTNT4411 BTL4411N	5 - 75VA
	Legrand	752060	5 - 75VA
	Gira	245000, TE	20 - 60W LE & TE
	Gira INSTA	5401 00, TE	20 - 100W LE & TE

1	1	1	1		1		1		
2	1-2	1	2	1	1	1	1	2	1
2			2	1	1	1	1		1
1	1	1-2	1	1	1	1	1	2	1
2	1	1	1-2	1	1	1	1	2	1
			2	1	1	1	1		2
1	1	1-2	1	1	1	1	1	2	1
1	1	1	1	1	1	1	1	2	

Professional dimmer transformer compatibility list

LED Low Voltage range



Recommended Low Voltage Dimmer compatibility list - LED Lamps

KEY

#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is below 30% AND maximum dimming level is at least 80%.
#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is between 30% (inclusive) and 50% AND maximum level is above or equal to 70%.
	Transformer is not compatible.
	Transformer lamp combination not applicable
	Transformer lamp combination not tested

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LED 4.6 - 35W MR16 WW 60D D RF
1PF/12
9290024941

Transformer									
Philips				Varilight		OSRAM			Tridonic
Certaline 105	Primaline 70	Primaline 105	Primaline 150	YT50	YT70	HTM 70	HTM 105	HTM 150	VIPER
35-105W	20-70W	35 - 105W	50 - 150W	0 - 50W	0 - 70W	20 - 70W	35 - 105W	50 - 150W	20 - 60W

Dimmer		Brand	Model																
		Doyle & Tratt (Varilight)	HQ3W	60-400W	2	1	1	2		1	1	1	2	1					
		Schneider (Elko)	SBD200LED (CCTEL10501) (S520512: 4-400VA) SBD200LED (MEG5134-0000)	4-40W, LE 4-200W, TE	1	2	2		1	1	1	1	2	1					
		Merten Schneider	MEG5300-0001 (CCT99100), TE	4 - 20VA, LE 4 - 100VA, TE	2			2	1	1	1	1							
		Busch-Jaeger	6523 U-102, TE	2 - 100W	1	1	1-2	1	1	1	1	1		1					
		Busch Jaeger	6523 UR-103, TE	2-100W, LE 2-400W, TE	2		2	2	1	1	1	1		1					
		Legrand	BTN4411N, TE BTNT4411 BTL4411N	5 - 75VA	2			2	1	1	1	1							
		Legrand	752060	5 - 75VA	1-2	2	1-2	1	1	1	1	1	2	1					
		Gira	245000, TE	20 - 60W LE & TE															
		Gira INSTA	5401 00, TE	20 - 100W LE & TE	1	1	1	1	1	1	1	1	2	1					

Professional dimmer transformer compatibility list

LED Low Voltage range



Recommended Low Voltage Dimmer compatibility list - LED Lamps

KEY

#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is below 30% AND maximum dimming level is at least 80%.
#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is between 30% (inclusive) and 50% AND maximum level is above or equal to 70%.
	Transformer is not compatible.
	Transformer lamp combination not applicable
	Transformer lamp combination not tested

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MAS LED ExpertColor 7.5-43W
MR16 9xx-xxD
9290030797, 9290030798,
9290030799, 9290030800,
9290030801, 9290030802

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
20-60W	35-105W	50-150W	20-70W	35 - 105W	50 - 150W	0 - 50W	0 - 70W	20 - 70W	35 - 105W	50 - 150W	20 - 60W

Dimmer	Brand	Model	
	Busch Jaeger	6513 U-102	2 - 100W
	Busch Jaeger	6523 UR-103	2-100W, LE 2-400W, TE
	Doyle & Tratt (Varilight)	HQ3W	60-400W
	Schneider (Elko)	SBD200LED (CCTEL10501) (S520512: 4-400VA)	4-40W, LE 4-200W, TE
	Merten Schneider	MEG5300-0001 (CCT99100)	4 - 20VA, LE 4 - 100VA, TE
	Legrand	BTN4411N BTNT4411 BTL4411N	5 - 75VA
	Legrand	752060	5 - 75VA
	Gira	245000	20 - 60W LE & TE
	Gira INSTA	540100	20 - 100W LE & TE

1	1	1	1	1	1		1		1	1	1
1	1	1	1	1	1		1	1	1	1	1
		1			1			1	1		1
	2	2	1	1-2	1	1	1	1	1	1	1
1	1	1	1	1	1		1	1	1	1	1
	1-2	1-3	1	1-2	1-3		1	1	2		1
	2	2	1	1-2	1		1	1	1	1	1
	1	1	1	1	1		1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1

Professional dimmer transformer compatibility list

LED Low Voltage range



Recommended Low Voltage Dimmer compatibility list - LED Lamps

KEY

#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is below 30% AND maximum dimming level is at least 80%.
#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is between 30% (inclusive) and 50% AND maximum level is above or equal to 70%.
	Transformer is not compatible.
	Transformer lamp combination not applicable
	Transformer lamp combination not tested

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Master LEDspot Expertcolor
11-50W AR111
9290022388

	Brand	Model	
Dimmer	Busch Jaeger	6513 U-102	2 - 100W
	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

	Transformer									
	Philips				Varilight		OSRAM			Tridonic
Certaline 60	Certaline 105	Certaline 150	Primaline 105	Primaline 150	YT50	YT70	HTM 70	HTM 105	HTM 150	VIPER
20-60W	35-105W	50-150W	35 - 105W	50 - 150W	0 - 50W	0 - 70W	20 - 70W	35 - 105W	50 - 150W	20 - 60W

1	1 - 2	1 - 2	1 - 2	1 - 2	1	1		1 - 2	1 - 2	
					1	1		1 - 2		
1	1 - 2	1 - 2	1 - 2	1 - 2	1	1	1	1 - 2	1 - 2	1
					1			1 - 2		
			1 - 2	1 - 2	1	1		1 - 2	1 - 2	1
1	1 - 2	1 - 2	1 - 2	1 - 2	1	1		1 - 2	1 - 2	1



Master LEDspot Expertcolor
15-75W
9290022390

	Brand	Model	
Dimmer	Busch Jaeger	6513 U-102	2 - 100W
	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

	Transformer									
	Philips				Varilight		OSRAM			Tridonic
Certaline 60	Certaline 105	Certaline 150	Primaline 105	Primaline 150	YT50	YT70	HTM 70	HTM 105	HTM 150	VIPER
20-60W	35-105W	50-150W	35 - 105W	50 - 150W	0 - 50W	0 - 70W	20 - 70W	35 - 105W	50 - 150W	20 - 60W

	1	2				1	1	1	1	1
						1	1	1		1
	1	1 - 2	1	1 - 2		1	1	1	1 - 2	1
						1		1	2	1
			1	1 - 2		1	1	1	1 - 2	1
		1-2		1		1	1	1	2	1

Professional dimmer transformer compatibility list

LED Low Voltage range



Recommended Low Voltage Dimmer compatibility list - LED Lamps

KEY

#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is below 30% AND maximum dimming level is at least 80%.
#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is between 30% (inclusive) and 50% AND maximum level is above or equal to 70%.
	Transformer is not compatible.
	Transformer lamp combination not applicable
	Transformer lamp combination not tested

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MAS LEDspotLV D 20-100W 927
AR111 24D
9290020503, 9290020504
9290020505, 9290020506
9290020507, 9290020508

	Transformer									
	Philips				Varilight		OSRAM			Tridonic
Certaline 60	Certaline 105	Primaline 70	Primaline 105	Primaline 150	YT50	YT70	HTM 70	HTM 105	HTM 150	VIPER
20-60W	35-105W	20-70W	35 - 105W	50 - 150W	0 - 50W	0 - 70W	20 - 70W	35 - 105W	50 - 150W	20 - 60W

	Brand	Model	
Dimmer	Doyle & Tratt (Varilight)	HQ3W	60-400W
	Schneider (Elko)	SBD200LED (CCTEL10501) (S520512: 4-400VA) SBD200LED (MEG5134-0000)	4-40W, LE 4-200W, TE
	Merten Schneider	MEG5300-0001 (CCT99100), TE	4 - 20VA, LE 4 - 100VA, TE
	Busch-Jaeger	6523 U-102, TE	2 - 100W
	Busch Jaeger	6523 UR-103, TE	2-100W, LE 2-400W, TE
	Legrand	BTN4411N, TE BTNT4411 BTL4411N	5 - 75VA
	Legrand	752060	5 - 75VA
	Gira	245000, TE	20 - 60W LE & TE
	Gira INSTA	5401 00, TE	20 - 100W LE & TE

	1	1	1	1		1	1	1	1	1
	1	1	1	1	1	1	1	1	2	1
	1	2		2	1	1	1	1	2	1
	1	1	1	1	1	1	1	1	1	1
	1	1-2	1	1	1	1	1	1	2	1
	1	2		1	1	1	1	1	1	1
	1	1		1	1	1	1	1	1-2	1
	1	1-2	1	1	1	1	1	1		1

Professional dimmer transformer compatibility list

LED Low Voltage range



Recommended Low Voltage Dimmer compatibility list - LED Lamps

KEY

#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is below 30% AND maximum dimming level is at least 80%.
#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is between 30% (inclusive) and 50% AND maximum level is above or equal to 70%.
	Transformer is not compatible.
	Transformer lamp combination not applicable
	Transformer lamp combination not tested

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MAS LED ExpertColor 14.8-75W 9xx
AR111 xxD
9290030426, 9290030427
9290030428, 9290030429
9290030430, 9290030431

Transformer										
Philips					Varilight		OSRAM			Tridonic
Certaline 60	Certaline 105	Primaline 70	Primaline 105	Primaline 150	YT50	YT70	HTM 70	HTM 105	HTM 150	VIPER
20-60W	35-105W	20-70W	35 - 105W	50 - 150W	0 - 50W	0 - 70W	20 - 70W	35 - 105W	50 - 150W	20 - 60W
Dimmer	Doyle & Tratt (Varilight)	HQ3W	60-400W	1	1	1	1	1	1	1
	Schneider (Elko)	SBD200LED (CCTEL10501) (S520512: 4-400VA) SBD200LED (MEG5134-0000)	4-40W, LE 4-200W, TE	1	1	1	1	1	2	1
	Merten Schneider	MEG5300-0001 (CCT99100), TE	4 - 20VA, LE 4 - 100VA, TE	1	2	1	1	1	2	2
	Busch-Jaeger	6523 U-102, TE	2 - 100W	1	1	1	1	1	2	1
	Busch Jaeger	6523 UR-103, TE	2-100W, LE 2-400W, TE	1	1-2	1	1	1	2	1
	Legrand	BTN4411N, TE BTNT4411 BTL4411N	5 - 75VA	1	1	1	1	1	2	1
	Legrand	752060	5 - 75VA	1	1	1	1	1	1-2	1
	Gira	245000, TE	20 - 60W LE & TE	1	1	1	1	1	2	1
	Gira INSTA	5401 00, TE	20 - 100W LE & TE	1	1	1	1	1	2	1

Professional dimmer transformer compatibility list

LED Low Voltage range



Recommended Low Voltage Dimmer compatibility list - LED Lamps

KEY

#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is below 30%AND maximum dimming level is at least 80%.
#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is between 30% (inclusive) and 50% AND maximum level is above or equal to 70%.
	Transformer is not compatible.
	Transformer lamp combination not applicable
	Transformer lamp combination not tested

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Master LEDspot
D 8-50W
9290018815

	Brand	Model	
Dimmer	Busch Jaeger	6513 U-102	2 - 100W
	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	67084	40 - 300W
	Legrand (Bticino)	ART5364	
	Legrand (Bticino)	L4407	60 - 250W
	Schneider Electric	315GLE	20 - 315W

Transformer													
Philips					Varilight					OSRAM			Tridonic
Certaline 60	Certaline 105	Certaline 150	Primaline 105	Primaline 150	YT50	YT70				HTM 70	HTM 105	HTM 150	VIPER
	2	2	1	2	1	1	1	1	1	1	1	2	1
	2	2	1	2	1	1	1	1	1	1	1	2	1
	2	2	1	2	1	1		1	1	1	1	2	1
	2	2	1	2	1	1		1	1	1	1	2	1
	2	2	1	2	1	1		1	1	1	1	2	1
	2		1	2				1	1	1	1		1
	2	2		2	1	1	1	1	1	1	1	2	
	2	2		2	1	1		1	1			2	
1	2	2	1	2	1	1	1	1	1	1	1	2	1
1	2	2	1		1	1	1	1	1	1	1	2	
			1		1								
	2	2			1	1		1	1	1	1	2	1



Master LEDspot DimTone 5-35W
MR16
9290019047

	Brand	Model	
Dimmer	Busch Jaeger	6513 U-102	2 - 100W
	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	67084	40 - 300W
	Legrand (Bticino)	L4407	60 - 250W
	Schneider Electric	315GLE	20 - 315W

Transformer												
Philips					Varilight		ELT	OSRAM			Tridonic	
Certaline 60	Certaline 105	Certaline 150	Primaline 105	Primaline 150	YT50	YT70	TCE 6/23-E	HTM 70	HTM 105	HTM 150	VIPER	
1	1	1		1	1	1	1	1	1	1	1	1
1		1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1
												1
1	1	1	1	1	1	1		1	1	1		
1	1	1	1	1	1	1	1	1	1	1	1	1
												1
												1
1		1		1	1	1		1	1			1
1	1	1	1	1	1	1		1	1			1

Professional dimmer transformer compatibility list

LED Low Voltage range



Recommended Low Voltage Dimmer compatibility list - LED Lamps

KEY

#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is below 30% AND maximum dimming level is at least 80%.
#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is between 30% (inclusive) and 50% AND maximum level is above or equal to 70%.
	Transformer is not compatible.
	Transformer lamp combination not applicable
	Transformer lamp combination not tested

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Master LEDspot Dimtone
7 - 50W MR16
9290020589

Brand	Model	
Dimmer	Busch Jaeger	6513 U-102
	Gira	1176
	Merten (Schneider)	5771
	Doyle & Tratt (Varilight)	HQ3W
	Insta Group (Berker)	283010
	Insta Group (Berker/ Insta)	286710/51190
	Legrand	67081
	Legrand	67082
	Legrand	67084
	Legrand (Bticino)	L4407
Schneider Electric	315GLE	

Transformer												
Philips						Varilight		ELT	OSRAM			Tridonic
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 - 50W	0 - 70W	0 - 70W	20 - 70W	35 - 105W	50 - 150W	20 - 60W
1	1	1	1	1	1	1	1	1	1	1		1
1	1	1	1	1		1	1	1	1	1		1
1	1	1	1	1	1	1	1	1	1	1		1
												1
1	1	1	1	1		1	1		1	1		1
1	1	1	1	1	1	1	1	1	1	1		1
												1
												1
	1	1							1	1		1
1	1	1	1	1	1	1	1	1	1	1		1

Master LED ExpertColor
D 6.5 - 35W
D 7.5 - 43W
MR16
9290013417, 9290013860

Brand	Model	
Dimmer	Busch Jaeger	6513 U-102
	Gira	1176
	Merten (Schneider)	5771
	Doyle & Tratt (Varilight)	HQ3W
	Insta Group (Berker)	283010
	Insta Group (Berker/ Insta)	286710/51190
	Legrand	67081
	Legrand	67082
	Legrand	67084
	Legrand (Bticino)	L4407
Schneider Electric	315GLE	

Transformer												
Philips						Varilight		ELT	OSRAM		Tridonic	
Certaline 60	Certaline 105	Certaline 150	Primaline 105	Primaline 150		YT50	YT70	TCE 6/23-E	HTM 105	HTM 150	VIPER	
20 - 60W	35 - 105W	50 - 150W	35 - 105W	50 - 150W		0 - 50W	0 - 70W		35 - 105W	50 - 150W		20 - 60W
1	1	1	1	1		1	1	1	1	1		1
1	1	1	1			1	1	1	1	1		1
1	1	1	1	1	1	1	1	1	1	1		1
1	1	1	1	1					1			1
1	1	1	1	1	1	1	1		1	1		1
1	1	1		1	1	1	1	1	1			
1	1	1		1	1	1	1			1		
1	1	1	1	1	1	1	1	1	1	1		1
1	1	1	1			1	1		1	1		1

Professional dimmer transformer compatibility list

LED Low Voltage range



Recommended Low Voltage Dimmer compatibility list - LED Lamps

KEY

#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is below 30% AND maximum dimming level is at least 80%.
#	Transformer - dimmer combination is compatible with # of lamp(s) and minimum dimming level is between 30% (inclusive) and 50% AND maximum level is above or equal to 70%.
	Transformer is not compatible.
	Transformer lamp combination not applicable
	Transformer lamp combination not tested

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			Transformer									
			Philips					Varilight	ELT	OSRAM		
			Certaline 60	Certaline 105	Certaline 150	Primaline 105	Primaline 150	YT50	YT70	TCE 6/23-E	HTM 70	HTM 105
			20-60W	35-105W	50-150W	35 - 105W	50 - 150W	0 - 50W	0 - 70W		20 - 70W	35 - 105W
											HTM 150	VIPER
											50 - 150W	20 - 60W
Dimmer	Brand	Model										
	Busch Jaeger	6513 U-102	2 - 100W	1		1		1	1	1	1	1
	Gira	1176	50 - 420W	1				1	1	1		1
	Merten (Schneider)	5771	20 - 315W	1	1	1		1	1	1	1	1
	Doyle & Tratt (Varilight)	HQ3W	60-400W	1		1		1	1		1	
	Insta Group (Berker)	283010	60 - 400W	1		1		1	1		1	1
	Insta Group (Berker/ Insta)	286710/51190	20 - 360W	1	1	1		1	1		1	1
	Legrand	67081	40 - 300W									
	Legrand	67082	40 - 600W									
	Legrand	67084	40 - 300W					1	1		1	1
	Legrand (Bticino)	L4407	60 - 250W									
	Schneider Electric	315GLE	20 - 315W				1	1	1		1	1

DISCLAIMERS

- #1) Transformors and dimmers are tested with the number of LED light sources mentioned in the tables above. A number of LED light sources outside the listed range may result in less optimal behavior. Although not specifically tested, some combination of dimmers and transformers can be loaded with more light sources than specified in this document.
- #1a) Most (non-LED dedicated) dimmers and or transformers can be loaded with LED light sources up to 20% of dimmer/transformer specified maximum power. Example: Dimmer 400W -> 20% = 80W, which means that e.g. up to 16 pcs 5W LED light sources can be connected.
- #1b) LED dimmers/transformers can be loaded up to the specified maximum dimmer/transformer power (Wattage).
- #2) Always study the packaging of LED light sources if these can be used in combination with occupancy motion sensors.
- #3) "Dimming range" color indications and criteria (all percentages relate to the LED light source full power):
 - Green cell: minimum dimming level is below 30% AND maximum level at least 80%.
 - Yellow cell: minimum dimming level is between 30% (inclusive) and 50% AND maximum level is above or equal to 70%.
 - Red cell: not compatible.
 - Grey cell: the dimmer-transformer-LED light source combination is not applicable.
 - White cell: no data available.
- #4) Various dimmer suppliers offer "active loads" to optimize dimming performance in case of light source-dimmer system issues. (e.g. Busch Jaeger Compensator 6596).
- #5) This list is based on measurements performed in a lab environment at nominal mains voltage, different mains voltages may result in a different dimming range.
- #6) Dimmer and or transformer manufacturers may change the technical design of their dimmer/transformer without informing Philips. Such changes may affect the performance when used in combination with LED light sources.
- #7) In general Philips / Signify dimmable LED light sources can be dimmed with any type of dimmer (type R, RL, RC or RLC).
- #8) Mixed loads may give unexpected dimming behavior or even result in defects, for which Philips cannot be held responsible.
- #9) LED light source are dimmable across the indicated dimming range, but may exhibit minor flickering at distinct dim settings.
- #10) The information contained here is believed to be accurate at the time it was published, but is provided "AS IS".



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