PHILIPS

Low Voltage / Dimmer compatibility list
Professional Q3-2023

Table of content

Professional transformer compatibility list
LED Low Voltage range 2

Professional dimmer transformer compatibility list
LED Low Voltage range 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
x-y	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
	Transformer lamp combination not tested

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				LED Bulb					
				MAS ExpertColor 10.8-50W 927 AR111 9290030432 9290030433 9290030434 9290030435 9290030436 9290030437	MAS ExpertColor 14.8-75W 927 AR111 9290030426 9290030427 9290030428 9290030429 9290030430 9290030431	MAS LEDExpertColor 20-100W 927 AR111 24D 9290034786 9290034787 9290034788 9290034789 9290034790 9290034791	CorePro LEDspot 10-75W 830 AR111 40D 9290029651	CorePro LEDspot 14-100W 830 AR111 40D 9290029652	CorePro LEDspot 7-50W 830 AR111 40D 9290029650
				Dimmable	Dimmable	Dimmable			
	Brand/type	**Watt**	**LED Watt**						
Transformer 10-70W	Philips Primaline 70	20-70	4-14	1	1	1	1	1	1- 2
	OSRAM Halotronic HTM 70 (new type)	20-70	4-14	1	1	1	1	1	1- 2
	Philips Certaline 60	20-60	4-12	1	1	1	1	1	1- 2
	SEET STE 70VA 7429	20-70	4-14	1	1	1	1	1	1
	TCI PICO WOLF 60	10-60	4-12	1	N.A.	1	2	N.A.	2
	Vossloh Schwabe EST 60/12.635	10-60	4-12	1	N.A.	1	1	N.A.	
	RELCO ICE60 PFS TH 60W	10-60	4-12	1	N.A.	1	1	N.A.	1
	Varilight YT50L	0-50	0-10	1	1	1	1	1	1- 2
	Varilight YT70L	0-70	0-14	1	1	1	1	1	1- 2
	Vossloh Schwabe EST 70/12.380	20-70	4-14	1	1	1	1	1	1
	Paulmann Trafo Halo + LED 0-65W - 97767	20-60	4-12	1-3	1-2	1-2	1-4	1-2	1-4
	Govena YT60	20-70	4-14	1	1	1	1-2	1	1-2
	SLV 461060 Micro 60 PFS	20-60	4-12	1	1	1	1	1	1
	RELCO RN1684 FOX 150 PFS TH	20-70	4-14	1	1	1	1	1	1
	Osram 111593 ET PARROT 70/220-240	10-60	4-12	1	1	1	1-2	1	1
	TCI 119617 ROUND 70	20-70	4-14	1	1	1	1-2	1	1
	EVN TAB 70 (3310)	20-70	4-14	1	1	1	1-2	1	1
	EVN MINIJOKER 70(T27/10)	10-70	2-14			1	1-2	1	1
	Niko 320-00121	10-65	0-40	1	1	1	1-2	1	1
Transformer 20-105W	Philips Primaline 105	35-105	7-20	1	1	1	1- 2	1	1- 3
	OSRAM Halotronic HTM 105	35-105	7-20	1	1	1	1- 2	1	1- 3
	Philips Certaline 105	35-105	7-20	1	1	1	1- 2	1	1- 3
	RELCO ICE 105 PFS TH	20-105	4-20	1- 2	1	1	1- 2	1	1- 2
	Vossloh Schwabe EST 105	20-105	4-20	1- 2	1	1	1- 2	1	1- 2
	Varilight YT105L	0-105	0-20	1- 2	1	1	1- 2	1	1- 2
	OSRAM ET-PARROT 105	35-105	7-20	1-2	1	1	1- 3	1	1-2
	Govena YT105	35-105	7-20	1-3	1-2	1- 2	1- 5	1-2	1-4
	Osram 927019 HTL 105/230-240	35-105	7-20	1-2	1	1	2-3	1	1-2
	TCI Pico Wolf 105	20-105	4-20	1- 2	1	1	1- 2	1	1- 2
	GIRA tronic trafo	20-105	4-20	1- 2	1	1	1- 2	1	1- 2
Transformer 50-150W	Philips Primaline 150	50-150	10-30	1- 2	1- 2	1	1- 3	1- 2	1- 3
	OSRAM HTM 150	50-150	10-30	1- 2	1- 2	1			
	Varilight YT150	0-150	0-30	1- 3	1- 2	1	1- 3	1- 2	1- 3
	SLV TRANSFORMATEUR, 12V AC, 150VA,	50-150	10-30	1-2	1	1	1-4	1- 2	1- 3
	TCI Wolf 150, WX 150	50-150	10-30	2	2	1	2-4	1- 2	1- 3
	Jung SNT150	50-150	10-30	2	1-2	1	1-4	1- 2	1- 3
Transformer 50-250W	RELCO ICE 200 PFS TH	100-200	20-40	2-4	2	1-2	2- 4		3- 5
	Osram 927026 HTL 225/230-240	50-225	10-45	2-4	2-3	2	2-6	2- 3	2- 4
	TCI W210	50-210	10-42	2-4	2	1-2	2- 4	2	2- 5

Professional transformer compatibility list LED Low Voltage range

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For non-dimmable systems only

KEY

x-y	Transformer is compatible with x - y lamp
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	Transformer is not compatible and therefore will not comply to Philips claimed specifications.
N.A.	Transformer lamp combination not applicable/relevant
	Transformer lamp combination not tested

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				LED Bulb				
				MAS LEDspotLV D 7.5-50W MR16 9290024919 9290024920 9290024921 9290024922 9290024923 9290024924	MAS LED ExpertColor 6.7-35W MR16 9290030785 9290030786 9290030787 9290030788 9290030789 9290030790 9290030791 9290030792 9290030793 9290030794 9290030795 9290030796	MAS LED ExpertColor 7.5-43W MR16 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		
	Brand/type	**Watt**	**LED Watt**					
Transformer 10-70W	Philips Primaline 70	20-70	4-14	1	1- 2	1	1- 4	1- 5
	OSRAM Halotronic HTM 70 (new type)	20-70	4-14	1	1	1	1- 4	1- 5
	Philips Certaline 60	20-60	4-12	1	1	1	1- 4	1- 4
	SEET STE 70VA 7429	20-70	4-14	1	1- 2	1	2- 4	2- 4
	TCI PICO WOLF 60	10-60	4-12			2	2- 4	
	Vossloh Schwabe EST 60/12.635	10-60	4-12	1	1- 2	1	2- 4	4
	RELCO ICE60 PFS TH 60W	10-60	4-12	1	1- 2	1	2- 4	2- 4
	Varilight YT50L	0-50	0-10	1	N.A.	N.A.	1- 4	1-3
	Varilight YT70L	0-70	0-14	1	1	1	1- 4	1- 4
	Vossloh Schwabe EST 70/12.380	20-70	4-14	1	1- 2	1	2- 4	2- 4
	Paulmann Trafo Halo + LED 0-65W - 97767	20-60	4-12	1-4	1-5	1-4	1-11	1-7
	Govena YT60	20-70	4-14	1-2	1-2	1-2	1-5	1-6
	SLV 461060 Micro 60 PFS	20-60	4-12	1-6	1-7	1-6	1-3	1-3
	RELCO RN1684 FOX 150 PFS TH	20-70	4-14	1-7	1-8	1-7	1-3	1-3
	Osram 111593 ET PARROT 70/220-240	10-60	4-12	1-6	1-7	1-6	1-4	
	TCI 119617 ROUND 70	20-70	4-14	1-8	1-9	1-8	1-4	1-2
	EVN TAB 70 (3310)	20-70	4-14	1-8	1-9	1-8	1-4	1-2
	EVN MINIJOKER 70(T27/10)	10-70	2-14	2-7	2-8	2-7	2-4	
	Niko 320-00121	10-65	0-40	1-5	1-6	1-5	1-4	1
Transformer 20-105W	Philips Primaline 105	35-105	7-20	1- 2	1- 2	1- 2	1- 5	1- 10
	OSRAM Halotronic HTM 105	35-105	7-20	1- 2	1- 2	1- 2	1- 5	1- 5
	Philips Certaline 105	35-105	7-20	1- 2	1- 2	1- 2	1- 5	1- 10
	RELCO ICE 105 PFS TH	20-105	4-20	1- 2	1- 3	1- 2	2- 5	
	Vossloh Schwabe EST 105	20-105	4-20	1- 2	1- 3	1- 2	2- 5	2- 5
	Varilight YT105L	0-105	0-20	1- 2	1- 3	1- 2	1- 5	1- 5
	OSRAM ET-PARROT 105	35-105	7-20	1-8	1-9	1-8	1-6	1-7
	Govena YT105	35-105	7-20	1-4	1-5	1-4	1-11	1-13
	Osram 927019 HTL 105/230-240	35-105	7-20	1-10	1-11	1-10	2-6	2-6
	TCI Pico Wolf 105	20-105	4-20	1- 2	1- 3	1- 2	2- 5	2- 5
	GIRA tronic trafo	20-105	4-20	1- 2	1- 3	1- 2	2- 5	2- 5
Transformer 50-150W	Philips Primaline 150	50-150	10-30	1- 3	1- 3	1- 3	1- 5	1- 5
	OSRAM HTM 150	50-150	10-30	1- 3	1- 2	1- 9		1- 10
	Varilight YT150	0-150	0-30	1- 3	1- 5	1- 3	1- 8	1- 8
	SLV TRANSFORMATEUR, 12V AC, 150VA,	50-150	10-30	1-15	1-16	1-15	1-8	1-10
	TCI Wolf 150, WX 150	50-150	10-30	2-14	2-16	2-14	2-8	2-10
	Jung SNT150	50-150	10-30	1-15	1-17	1-15	2-8	
Transformer 50-250W	RELCO ICE 200 PFS TH	100-200	20-40	3- 5	4- 6	3- 5	7- 11	
	Osram 927026 HTL 225/230-240	50-225	10-45	2-20	2-20	2-20	5-12	1-11
	TCI W210	50-210	10-42	2- 5	2- 6	2- 5	5- 11	3- 12

Professional transformer compatibility list LED Low Voltage range

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For non-dimmable systems only

KEY

x-y	Transformer is compatible with x - y lamp
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	Transformer is not compatible and therefore will not comply to Philips claimed specifications.
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				LED Bulb				
				CorePro LED spot ND 4.4-35W MR16 827 36D CorePro LEDspot 4.4-35W MR16 827 36D 5CT 9290024946	CorePro LED spot ND 4.4-35W MR16 840 36D CorePro LED spot ND4.4-35WMR16 840 36DUK 9290024947	MAS LED spot VLE D 5.8-35W MR16 9290024925 9290024926 9290024927 9290024928 9290024929 9290024930	MAS LEDspot LV DimTone 5.8-35W MR16 36D 9290024931	MAS LED SPOT VLE D 7.5-50W MR16 9290024932 9290024933 9290024934 9290024935 9290024936 9290024937
						Dimmable	Dimmable	Dimmable
	Brand/type	**Watt**	**LED Watt**					
Transformer 10-70W	Philips Primaline 70	20-70	4-14	1- 3	1- 3	1-3	1-3	1-2
	OSRAM Halotronic HTM 70 (new type)	20-70	4-14	1- 3	1- 3	1-3	1-3	1-2
	Philips Certaline 60	20-60	4-12	1- 3	1- 3	1-3	1-3	1-2
	SEET STE 70VA 7429	20-70	4-14	2- 4	2- 4	1-2	1-2	1
	TCI PICO WOLF 60	10-60	4-12	2- 4	2- 4	2	2	2
	Vossloh Schwabe EST 60/12.635	10-60	4-12	2- 4	2- 4	1-2	1-2	1
	RELCO ICE60 PFS TH 60W	10-60	4-12	2- 4	2- 4	1-2	1-2	1
	Varilight YT50L	0-50	0-10	1- 3	1- 3	1-3	1-2	1
	Varilight YT70L	0-70	0-14	1- 3	1- 3	1-3	1-3	1
	Vossloh Schwabe EST 70/12.380	20-70	4-14	2- 4	2- 4	1, 2	1-2	1- 2
	Paulmann Trafo Halo + LED 0-65W - 97767	20-60	4-12	1-6	1-6	1-6	1-6	1-5
	Govena YT60	20-70	4-14	1-4	1-4	1-3	1-3	1-2
	SLV 461060 Micro 60 PFS	20-60	4-12	1-2	1-2	1-2	1-2	1
	RELCO RN1684 FOX 150 PFS TH	20-70	4-14	1-2	1-2	1-2	1-2	1
	Osram 111593 ET PARROT 70/220-240	10-60	4-12					
	TCI 119617 ROUND 70	20-70	4-14	1	1	1-2	1-2	1
	EVN TAB 70 (3310)	20-70	4-14	1	1	1-2	1-2	1
	EVN MINIJOKER 70(T27/10)	10-70	2-14			2	2	
	Niko 320-00121	10-65	0-40	1	1	1-2	1-2	1
Transformer 20-105W	Philips Primaline 105	35-105	7-20	1- 5	1- 5	1-4	1-4	1-3
	OSRAM Halotronic HTM 105	35-105	7-20	1- 5	1- 5	1-4	1-4	1-3
	Philips Certaline 105	35-105	7-20	1- 5	1- 5	1-4	1-4	1-3
	RELCO ICE 105 PFS TH	20-105	4-20	2- 5	2- 4	1- 3	1- 3	1- 2
	Vossloh Schwabe EST 105	20-105	4-20	2- 5	2- 4	1- 3	1- 3	1- 2
	Varilight YT105L	0-105	0-20	1- 5	1- 4	1- 3	1- 3	1- 2
	OSRAM ET-PARROT 105	35-105	7-20	1-4	1-4	1-3	1-3	1-2
	Govena YT105	35-105	7-20	1-9	1-9	1-6	1-6	1-5
	Osram 927019 HTL 105/230-240	35-105	7-20	1-4	1-4	1-3	2-3	2
	TCI Pico Wolf 105	20-105	4-20	2- 5	2- 4	1- 3	2- 3	1- 2
	GIRA tronic trafo	20-105	4-20	2- 5	2- 4	1- 3	1- 3	1- 2
Transformer 50-150W	Philips Primaline 150	50-150	10-30	1- 3	1- 3	1-4	1-6	1-4
	OSRAM HTM 150	50-150	10-30	1- 5	1- 5	2-4	2-6	2-4
	Varilight YT150	0-150	0-30	1- 8	1- 4	1- 5	1- 5	1- 3
	SLV TRANSFORMATEUR, 12V AC, 150VA,	50-150	10-30	1-6	1-6	1-5	1-5	1-4
	TCI Wolf 150, WX 150	50-150	10-30	1-6	1-6	2-5	2-5	2-4
	Jung SNT150	50-150	10-30	1-2	1-2	1-5	2-5	1-4
Transformer 50-250W	RELCO ICE 200 PFS TH	100-200	20-40	5- 8	4	4- 6	4- 6	3- 5
	Osram 927026 HTL 225/230-240	50-225	10-45	1-9	1-9	2-7	2-7	2-6
	TCI W210	50-210	10-42	3- 8	1-9	3- 6	3- 6	3- 5

Professional transformer compatibility list LED Low Voltage range

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				LED Bulb		
				MAS LEDspot LV DimTone 7.5-50W MR16 36D 9290024938	CorePro LED spot ND 7-50W MR16 830 36D 9290019048 9290019049 9290019050	CorePro LED spot 2.3-20W 827 MR11 36D 9290020664
				Dimmable		
	Brand/type	**Watt**	**LED Watt**			
Transformer 10-70W	Philips Primaline 70	20-70	4-14	1	1- 2	1- 4
	OSRAM Halotronic HTM 70 (new type)	20-70	4-14	1	1	2- 6
	Philips Certaline 60	20-60	4-12	1	1	2- 5
	SEET STE 70VA 7429	20-70	4-14	1	1	2- 6
	TCI PICO WOLF 60	10-60	4-12			
	Vossloh Schwabe EST 60/12.635	10-60	4-12	1		1- 5
	RELCO ICE60 PFS TH 60W	10-60	4-12	1	1	1- 5
	Varilight YT50L	0-50	0-10	1	1	1- 4
	Varilight YT70L	0-70	0-14	1	1- 2	1- 6
	Vossloh Schwabe EST 70/12.380	20-70	4-14	1	1	2- 6
	Paulmann Trafo Halo + LED 0-65W - 97767	20-60	4-12	1-5	1-5	1-10
	Govena YT60	20-70	4-14	1-2	1-2	1-8
	SLV 461060 Micro 60 PFS	20-60	4-12	1	1	1-5
	RELCO RN1684 FOX 150 PFS TH	20-70	4-14	1	1	1-5
	Osram 111593 ET PARROT 70/220-240	10-60	4-12	1		1-6
	TCI 119617 ROUND 70	20-70	4-14	1	1-2	1-2
	EVN TAB 70 (3310)	20-70	4-14	1	1'2	1-2
	EVN MINIJOKER 70(T27/10)	10-70	2-14		2	
	Niko 320-00121	10-65	0-40	1	1'2	1-2
Transformer 20-105W	Philips Primaline 105	35-105	7-20	1- 2	1- 3	4-9
	OSRAM Halotronic HTM 105	35-105	7-20	1- 2	1- 3	4- 9
	Philips Certaline 105	35-105	7-20	2	1- 3	4- 9
	RELCO ICE 105 PFS TH	20-105	4-20	2		
	Vossloh Schwabe EST 105	20-105	4-20	1- 2	1- 2	2- 9
	Varilight YT105L	0-105	0-20	1- 2	1- 2	1- 9
	OSRAM ET-PARROT 105	35-105	7-20	1-2	1-3	1-9
	Govena YT105	35-105	7-20	1-5	1-5	1-17
	Osram 927019 HTL 105/230-240	35-105	7-20	2	2-3	1-9
	TCI Pico Wolf 105	20-105	4-20	2	1- 2	
	GIRA tronic trafo	20-105	4-20	2	1- 2	2- 9
Transformer 50-150W	Philips Primaline 150	50-150	10-30	1- 3	2- 4	5- 10
	OSRAM HTM 150	50-150	10-30	2- 3	2- 4	5- 10
	Varilight YT150	0-150	0-30	1- 3	1- 3	1- 10
	SLV TRANSFORMATEUR, 12V AC, 150VA,	50-150	10-30	1-4	1-4	1-12
	TCI Wolf 150, WX 150	50-150	10-30	3-4	2-4	1-12
	Jung SNT150	50-150	10-30	1-4	2-4	1-2
Transformer 50-250W	RELCO ICE 200 PFS TH	100-200	20-40	3- 4		
	Osram 927026 HTL 225/230-240	50-225	10-45	2-6	2-6	1-19
	TCI W210	50-210	10-42	3- 4		5- 10

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				LED Bulb				
				CorePro LEDcapsuleLV 1-10W G4 9290023888 9290023889	CorePro LEDcapsuleLV 1.8-20W G4 9290023890 9290023891 CorePro LEDcapsuleLV 1.8-20W GY6.35 9290023897 9290023898	CorePro LEDcapsuleLV 2.7-28W G4 9290023892 9290023893	CorePro LEDcapsuleLV 2.1-20W G4 827 D 9290023894	CorePro LEDcapsuleLV 4.2-40W GY6.35 827D 9290036090
							Dimmable	Dimmable
	Brand/type	Watt	LED Watt					
Transformer 10-70W	Philips Primaline 70	20-70	4-14	1-10	1-7	1-5	1-6	1-3
	OSRAM Halotronic HTM 70 (new type)	20-70	4-14	1-10	1-7	1-5	1-6	1-3
	Philips Certaline 60	20-60	4-12	1-10	1-6	1-4	1-5	1-2
	SEET STE 70VA 7429	20-70	4-14	1-10	1-7	1-5	1-6	1-2
	TCI PICO WOLF 60	10-60	4-12				1-5	2
	Vossloh Schwabe EST 60/12.635	10-60	4-12	1			2-5	2
	RELCO ICE60 PFS TH 60W	10-60	4-12	1-10	1-6	1-4	1-5	1-2
	Varilight YT50L	0-50	0-10	1-10	1-5	1-3	1-4	1-2
	Varilight YT70L	0-70	0-14	1-10	1-7	1-5	1-6	1-3
	Vossloh Schwabe EST 70/12.380	20-70	4-14	1-10	1-7	1-5	1-6	1-3
	Paulmann Trafo Halo + LED 0-65W - 97767	20-60	4-12	1-16	1-10	1-8	1-19	1-9
	Govena YT60	20-70	4-14	1-20	1-6	1-7	1-9	1-2
	SLV 461060 Micro 60 PFS	20-60	4-12	1-12	1-6	1-4	1-5	1-2
	RELCO RN1684 FOX 150 PFS TH	20-70	4-14	1-9	1-5	1-3	1-5	1-2
	Osram 111593 ET PARROT 70/220-240	10-60	4-12	1-7	1-7	1-5	1-6	1-3
	TCI 119617 ROUND 70	20-70	4-14	1-5	1-4	1	1-6	1-3
	EVN TAB 70 (3310)	20-70	4-14	1-4	1-3	1-3	1-6	1-3
	EVN MINIJOKER 70(T27/10)	10-70	2-14				2-6	2-3
	Niko 320-00121	10-65	0-40		1-7	1-2	1-6	1-3
Transformer 20-105W	Philips Primaline 105	35-105	7-20	1-10	1-10	1-7	2-10	1-5
	OSRAM Halotronic HTM 105	35-105	7-20	1-10	1-10	1-7	1-10	1-5
	Philips Certaline 105	35-105	7-20	1-10	1-10	1-7	2-10	1-5
	RELCO ICE 105 PFS TH	20-105	4-20	1-10	1	1-7	2-10	1-5
	Vossloh Schwabe EST 105	20-105	4-20	1-10	1-10	1-7	1-10	1-5
	Varilight YT105L	0-105	0-20	1-10	1-10	1-7	1-10	1-5
	OSRAM ET-PARROT 105	35-105	7-20	1-21	1-10	1-7	2-10	1-5
	Govena YT105	35-105	7-20	1-25	1-10	1-14	1-19	1-5
	Osram 927019 HTL 105/230-240	35-105	7-20	1-21	1-7	1-5	2-10	2-5
	TCI Pico Wolf 105	20-105	4-20	1			2-10	1-5
	GIRA tronic trafo	20-105	4-20	1-10	1-10	1-7	2-10	2-5
Transformer 50-150W	Philips Primaline 150	50-150	10-30	1-10	1-10	1-10	1-10	1-7
	OSRAM HTM 150	50-150	10-30	1-10	1-10	1-10	2-10	2-7
	Varilight YT150	0-150	0-30	1-10	1-10	1-10	1-10	1-7
	SLV TRANSFORMATEUR, 12V AC, 150VA,	50-150	10-30	1-25	1-7	1-11	1-14	1-7
	TCI Wolf 150, WX 150	50-150	10-30	1-25	1-10	1-11	6-14	2-7
	Jung SNT150	50-150	10-30		1-2	1	2-14	1-7
Transformer 50-250W	RELCO ICE 200 PFS TH	100-200	20-40	1-2	1		6-10	4-9
	Osram 927026 HTL 225/230-240	50-225	10-45	1-17	1-10	1-5 , 9-13	3-21	2-10
	TCI W210	50-210	10-42	1-10	1-10	1-10	4-10	2-10

Professional dimmer transformer compatibility list LED Low Voltage range

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 7.5-50W MR16
9290024919, 9290024920, 9290024921,
9290024922, 9290024923, 9290024924

	Brand	Model	Load	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	Busch Jaeger	6513 U-102, TE	2 - 100W	1	1	1	1	2	1 - 3	1	1	1		2 - 3	1
Dimmer	Busch Jaeger	6523 UR-103, TE	2-100W, LE 2-400W, TE	1	1	1	1	1	1	1	1	1	1	1	1
Dimmer	Doyle & Tratt (Varilight)	HQ3W	60-400W	1		1 - 3			1 - 2			1	1 - 2		
Dimmer	Schneider (Elko)	SBD200LED (CCTEL10501) (S520512: 4-400VA)	4-40W, LE 4-200W, TE		2	2 - 3	1	1 - 2	1		1	1	1 - 2	2	1
Dimmer	Merten | Schneider	MEG5300-0001 (CCT99100), TE	4 - 20VA, LE 4 - 100VA, TE	1	1	1		1	1	1	1	1	1	1	1
Dimmer	Legrand	BTN4411N, LE BTNT4411 BTL4411N	5 - 75VA	1	1 - 2	1	1	1	2 - 3	1	1	1	1 - 2	2 - 3	
Dimmer	Legrand	752060	5 - 75VA	1	2	2		1	1	1	1	1	1	2	1
Dimmer	Gira	245000, TE	20 - 60W LE & TE	1	1	1	1	1	1	1	1	1	1	1	1
Dimmer	Gira | INSTA	5401 00, TE	20 - 100W LE & TE	1	1	1	1	1	1 - 2		1	1	1	1	1

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

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

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

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

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

	Brand	Model	Load	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	Busch Jaeger	6513 U-102	2 - 100W	1	1	1	1	1	1		1	1	1	2	1
Dimmer	Busch Jaeger	6523 UR-103	2-100W, LE 2-400W, TE	1	1	1		1	1		1	1	1	2	1
Dimmer	Doyle & Tratt (Varilight)	HQ3W	60-400W		1	1		1	1			1	1		
Dimmer	Schneider (Elko)	SBD200LED (CCTEL10501) (S520512: 4-400VA)	4-40W, LE 4-200W, TE		2	2		1 - 2	1		1	1	1	2	1
Dimmer	Merten | Schneider	MEG5300-0001 (CCT99100)	4 - 20VA, LE 4 - 100VA, TE	1	1	1		1	1		1	1	1	1	1
Dimmer	Legrand	BTN4411N BTNT4411 BTL4411N	5 - 75VA		1 - 2	1	1	1 - 2	2 -3			1 - 2	1 - 2	2	1
Dimmer	Legrand	752060	5 - 75VA		2	2	1		1		1	1	1	2	1
Dimmer	Gira	245000	20 - 60W LE & TE	1	1	1	1	1	1		1	1	1	1	1
Dimmer	Gira | INSTA	5401 00	20 - 100W LE & TE	1	1	1	1	1	1		1	1	1	1	1

Professional dimmer transformer compatibility list LED Low Voltage range

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	50-150W	35-105W	0-50W	0-70W	20-70W	35-105W	50-150W	20-60W
	Brand	Model	Load										
Dimmer	Doyle & Tratt (Varilight)	HQ3W	60-400W	1	1	1	1		1		1		
	Schneider (Elko)	SBD200LED (CCTEL10501) (S520512: 4-400VA) SBD200LED (MEG5134-0000)	4-40W, LE 4-200W, TE	2	1 - 2	1	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		1
	Busch-Jaeger	6523 U-102, TE	2 - 100W	1	1	1 - 2	1	1	1	1	1	2	1
	Busch Jaeger	6523 UR-103, TE	2-100W, LE 2-400W, TE	2	1	1	1 - 2	1	1	1	1	2	1
	Legrand	BTN4411N, TE BTNT4411 BTL4411N	5 - 75VA				2	1	1	1	1		2
	Legrand	752060	5 - 75VA	1	1	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	

MAS LED ExpertColor 7.5-43W MR16
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
	Brand	Model	Load												
Dimmer	Busch Jaeger	6513 U-102	2 - 100W	1	1	1	1	1	1		1		1	1	1
	Busch Jaeger	6523 UR-103	2-100W, LE 2-400W, TE	1	1	1	1	1	1		1	1	1	1	1
	Doyle & Tratt (Varilight)	HQ3W	60-400W			1			1			1	1		1
	Schneider (Elko)	SBD200LED (CCTEL10501) (S520512: 4-400VA)	4-40W, LE 4-200W, TE		2	2	1	1 - 2	1		1	1	1	1	1
	Merten | Schneider	MEG5300-0001 (CCT99100)	4 - 20VA, LE 4 - 100VA, TE	1	1	1	1	1	1		1	1	1	1	1
	Legrand	BTN4411N BTNT4411 BTL4411N	5 - 75VA		1 - 2	1 - 3	1	1 - 2	1 - 3		1	1	2		1
	Legrand	752060	5 - 75VA		2	2	1	1 - 2	1		1	1	1	1	1
	Gira	245000	20 - 60W LE & TE		1	1	1	1	1		1	1	1	1	1
	Gira | INSTA	5401 00	20 - 100W LE & TE	1	1	1	1	1	1		1	1	1	1	1

MAS LEDExpertColor 20-100W 927 AR111 24D
9290034786, 9290034787, 9290034788, 9290034789, 9290034790, 9290034791

				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
	Brand	Model	Load												
Dimmer	Doyle & Tratt (Varilight)	HQ3W	60-400W		1		1	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		2	1	1	1	1	1	1		1
	Merten | Schneider	MEG5300-0001 (CCT99100), TE	4 - 20VA, LE 4 - 100VA, TE	1	1		2		2	1	1	1	1		2
	Busch-Jaeger	6523 U-102, TE	2 - 100W		1	1	1	1	1	1	1	1	1	1	1
	Busch Jaeger	6523 UR-103, TE	2-100W, LE 2-400W, TE		1		1 - 2	1	1	1	1	1	1		1
	Legrand	BTN4411N, TE BTNT4411 BTL4411N	5 - 75VA		1		2		1	1	1	1	1	1	1
	Legrand	752060	5 - 75VA		1	1	1		1	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 - 2	1	1	1	1	1	1		1

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	Load											
Dimmer	Doyle & Tratt (Varilight)	HQ3W	60-400W		1	1	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	1	1	1	2	1
	Merten | Schneider	MEG5300-0001 (CCT99100), TE	4 - 20VA, LE 4 - 100VA, TE		1	2		2	1	1	1	1	2	1
	Busch-Jaeger	6523 U-102, TE	2 - 100W		1	1	1	1	1	1	1	1	1	1
	Busch Jaeger	6523 UR-103, TE	2-100W, LE 2-400W, TE		1	1 - 2	1	1	1	1	1	1	2	1
	Legrand	BTN4411N, TE BTNT4411 BTL4411N	5 - 75VA		1	2		1	1	1	1	1	1	1
	Legrand	752060	5 - 75VA		1	1		1	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 - 2	1	1	1	1	1	1		1

Professional dimmer transformer compatibility list LED Low Voltage range

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 ExpertColor 10.8-50W 927 AR111
9290030432
9290030433
9290030434
9290030435
9290030436
9290030437

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

MAS ExpertColor 14.8-75W 927 AR111
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
	Brand	Model	Load											
Dimmer	Doyle & Tratt (Varilight)	HQ3W	60-400W		1	1	1				1	1	1	1
Dimmer	Schneider (Elko)	SBD200LED (CCTEL10501) (S520512: 4-400VA) SBD200LED (MEG5134-0000)	4-40W, LE 4-200W, TE		1	1	1	1	1	1	1	1	2	1
Dimmer	Merten | Schneider	MEG5300-0001 (CCT99100), TE	4 - 20VA, LE 4 - 100VA, TE		1	2		2	1	1	1	1	2	2
Dimmer	Busch-Jaeger	6523 U-102, TE	2 - 100W		1	1	1	1	1	1	1	1	2	1
Dimmer	Busch Jaeger	6523 UR-103, TE	2-100W, LE 2-400W, TE		1	1 - 2	1	1	1	1			2	
Dimmer	Legrand	BTN4411N, TE BTNT4411 BTL4411N	5 - 75VA		1			1	1	1	1	1	2	1
Dimmer	Legrand	752060	5 - 75VA		1	1	1	1	1	1	1	1	1 - 2	1
Dimmer	Gira	245000, TE	20 - 60W LE & TE											
Dimmer	Gira | INSTA	5401 00, TE	20 - 100W LE & TE		1	1	1	1	1	1	1	1	2	1

MAS LEDspot LV DimTone 7.5-50W MR16 36D
9290024938

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

CorePro LEDcapsuleLV 2.1-20W G4 827 D
9290023894

				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
				20 - 60W	35 - 105W	50 - 150W	35 - 105W	50 - 150W	0 - 70W	20 - 70W		20 - 70W	35 - 105W	50 - 150W	20 - 60W
	Brand	Model	Load												
Dimmer	Busch Jaeger	6513 U-102	2 - 100W	1		1		1	1	1	1	1	1	1	1
Dimmer	Gira	1176	50 - 420W	1					1	1	1				1
Dimmer	Merten (Schneider)	5771	20 - 315W	1	1	1		1	1	1	1	1	1	1	1
Dimmer	Doyle & Tratt (Varilight)	HQ3W	60-400W	1		1			1	1		1	1		
Dimmer	Insta Group (Berker)	283010	60 - 400W	1		1			1	1		1	1		1
Dimmer	Insta Group (Berker/ Insta)	286710/51190	20 - 360W	1	1	1		1	1	1		1	1		1
Dimmer	Legrand	67081	40 - 300W												
Dimmer	Legrand	67082	40 - 600W												
Dimmer	Legrand	67084	40 - 300W						1	1		1	1		1
Dimmer	Legrand (Bticino)	L4407	60 - 250W												
Dimmer	Schneider Electric	315GLE	20 - 315W					1	1	1		1	1		1

Professional dimmer transformer compatibility list LED Low Voltage range

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

This document is for information purposes and must be treated as recommendation. Signify attempted to provide best results, results are generated in lab conditions and might contain faults

CorePro LEDcapsule
LV 4.2-40W
GY6.35 827D
9290036090

				Transformer									
				Philips					Varilight		OSRAM		
				Certaline 60	Certaline 105	Primaline 70	Primaline 105	Primaline 150	YT50	YT70	HTM 70	HTM 105	HTM 150
				20-60W	35-105W	20-70W	35-105W	50-150W	0-50W	0-70W	20-70W	35-105W	50-150W
	Brand	Model	Load										
Dimmer	Varilight	HQ3W	[R] 60-400W	2	2	2	2	2			1-2	1-2	2
Dimmer	ELKO| Schneider	SBD200LED (CCTEL10501)	[LED/RC] 4 ~ 200W(RC) 4~400W(RL)			2	1-2		1 - 2	1 - 2	2	2	
Dimmer	Merten | Schneider	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED	1-2	2			2	1-2	1-2	1-2	1-2	
Dimmer	Busch Jaeger |ABB	6513 U - 102	[RC] 40 ~ 420 W - Turn	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	2
Dimmer	Busch Jaeger |ABB	6523 UR-103	[LED, R, L,C] 2 - 400W - Turn- Leading	1-2	1-2	1-2	1-2	2	1-2	1-2	1-2	1-2	
Dimmer	Bticino | Legrand	BTN4411N (BTNT4411N, BTL4411N)	[LED] 3 - 75W - Tast		2			2	1-2	1-2	1-2	1-2	
Dimmer	Legrand	EUD61NPL-230	5 - 75VA	1-2	1-2		1-2	2	1-2	1-2	1-2	1-2	2
Dimmer	Gira | INSTA	2450 00	[LED, R, L, C] 3 - 60W - Turn	1-2	1-2			2	1-2	1-2	1-2	1-2	2
Dimmer	Gira | INSTA	5401 00	[LED, R, L, C] 3 - 100W/200W- Tast	1-2	1-2	2	1-2	1-2	1-2	1-2	1-2	1-2	2
Dimmer	Osram	HALOTRONIC HTi DALI 315 DIM	3W-200W, LED,Trailing	1-2	1	2	1-2	2			1	1	
Dimmer	Eltako	DL-PD-300W-RLC (33000009) Universal	10-300W, LED, Trailing	1	1			1			1	1	

Notes:

#1) Transfomers 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.

#3a) Single point flicker in the dimming range is acceptable.

#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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