

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
Yellow	Transformer is compatible but will not work according Philips claimed specifications under all conditions
Red	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 spot					
MAS ExpertColor 10.8-50W 927 AR111	MAS ExpertColor 14.8-75W 927 AR111	MAS LEDExpertColor 20-100W 927 AR111 24D	CorePro LEDspot 10-75W 830 AR111 40D	CorePro LEDspot 14-100W 830 AR111 40D	CorePro LEDspot 7-50W 830 AR111 40D
9290030432 9290030433 9290030434 9290030435 9290030436 9290030437	9290030426 9290030427 9290030428 9290030429 9290030430 9290030431	9290034786 9290034787 9290034788 9290034789 9290034790 9290034791	9290029651	9290029652	9290029650

	Brand / type	Watt	LED Watt	MAS ExpertColor 10.8-50W 927 AR111	MAS ExpertColor 14.8-75W 927 AR111	MAS LEDExpertColor 20-100W 927 AR111 24D	CorePro LEDspot 10-75W 830 AR111 40D	CorePro LEDspot 14-100W 830 AR111 40D	CorePro LEDspot 7-50W 830 AR111 40D
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 ET-S60	20-60	4-12	T.B.D.	N.A.	N.A.	T.B.D.	N.A.	N.A.
	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.	Red
	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
	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	Red	Red	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
Osram HTI DALI 105/230...240 DIM+Dyalite DDBC120-DALI	35-105	7-20	2-7	2-6	2-4	N.A.	N.A.	N.A.	
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	Red	Red	Red
	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
RELCO RN1684 FOX 150 PFS TH	50-150	10-30	1	1	1	1	1	1	
Transformer 50-250W	RELCO ICE 200 PFS TH	100-200	20-40	2-4	2	1-2	2-4	Red	3-5
	Osram 927026 HTL 225/230-240	50-225	10-45	2-4	2-3	2	2-6	2-3	2-4

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T.B.D.	Transformer lamp combination not tested

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LED spot				
MAS LEDspotLV D 7.5-50W MR16	MAS LED ExpertColor 6.7-35W MR16	MAS LED ExpertColor 7.5-43W MR16	MAS LEDspotLV 3.5-20W 827 MR11 24D	CorePro LED spot ND 2.9-20W MR16 827 36D
9290024919 9290024920 9290024921 9290024922 9290024923 9290024924	9290030785, 9290030786 9290030787, 9290030788 9290030789, 9290030790 9290030791, 9290030792 9290030793, 9290030794 9290030795, 9290030796	9290030797 9290030798 9290030799 9290030800 9290030801 9290030802	9290030870	9290024945
 	 	 		

	Brand / type	Watt	LED Watt	MAS LEDspotLV D 7.5-50W MR16	MAS LED ExpertColor 6.7-35W MR16	MAS LED ExpertColor 7.5-43W MR16	MAS LEDspotLV 3.5-20W 827 MR11 24D	CorePro LED spot ND 2.9-20W MR16 827 36D
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 ET-S60	20-60	4-12	1	1 - 2	1	T.B.D.	T.B.D.
	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
	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 MINJOKER 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
Osram HTI DALI 105/230...240 DIM+Dyalite DDBC120-DALI	35-105	7-20	3 - 9	2 - 10	3 - 10	N.A.	N.A.	
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	
RELCO RN1684 FOX 150 PFS TH	50-150	10-30	1 - 7	1 - 8	1 - 7	1 - 3	1 - 3	
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

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LED spot					
CorePro LED spot ND 4.4-35W MR16 827 36D CorePro LEDspot 4.4-35W MR16 827 36D SCT 9290024946	CorePro LED spot ND 4.4-35W MR16 840 36D CorePro LED spot ND 4.4-35W MR16 840 36DUK 9290024947	CorePro LED spot ND 7-50W MR16 36D 9290019048 9290019049 9290019050	CorePro LED spot 2.3-20W 827 MR11 36D 9290020664	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
					

	Brand / type	Watt	LED Watt	CorePro LED spot ND 4.4-35W MR16 827 36D	CorePro LED spot ND 4.4-35W MR16 840 36D	CorePro LED spot ND 7-50W MR16 36D	CorePro LED spot 2.3-20W 827 MR11 36D	MAS LED spot VLE D 5.8-35W MR16	MAS LEDspot LV DimTone 5.8-35W MR16 36D
Transformer 10-70W	Philips Primaline 70	20-70	4-14	1-3	1-3	2	1-4	1-3	1-3
	OSRAM Halotronic HTM 70 (new type)	20-70	4-14	1-3	1-3	1	2-6	1-3	1-3
	Philips ET-S60	20-60	4-12	T.B.D.	T.B.D.	1	T.B.D.	T.B.D.	T.B.D.
	Philips Certaline 60	20-60	4-12	1-3	1-3	1	2-5	1-3	1-3
	SEET STE 70VA 7429	20-70	4-14	2-4	2-4	1	2-6	1-2	1-2
	TCI PICO WOLF 60	10-60	4-12	2-4	2-4			2	2
	Vossloh Schwabe EST 60/12.635	10-60	4-12	2-4	2-4		1-5	1-2	1-2
	RELCO ICE60 PFS TH 60W	10-60	4-12	2-4	2-4	1	1-5	1-2	1-2
	Varilight YT50L	0-50	0-10	1-3	1-3	1	1-4	1-3	1-2
	Varilight YT70L	0-70	0-14	1-3	1-3	1-2	1-6	1-3	1-3
	Vossloh Schwabe EST 70/12.380	20-70	4-14	2-4	2-4	1	2-6	1,2	1-2
	Paulmann Trafo Halo + LED 0-65W - 97767	20-60	4-12	1-6	1-6	1-5	1-10	1-6	1-6
	Govena YT60	20-70	4-14	1-4	1-4	1-2	1-8	1-3	1-3
	SLV 461060 Micro 60 PFS	20-60	4-12	1-2	1-2	1	1-5	1-2	1-2
	Osram 111593 ET PARROT 70/220-240	10-60	4-12				1-6		
	TCI 119617 ROUND 70	20-70	4-14	1	1	1-2	1-2	1-2	1-2
EVN TAB 70 (3310)	20-70	4-14	1	1	1-2	1-2	1-2	1-2	
EVN MINIJOKER 70(T27/10)	10-70	2-14			2		2	2	
Niko 320-00121	10-65	0-40	1	1	1	1-2	1-2	1-2	
Transformer 20-105W	Philips Primaline 105	35-105	7-20	1-5	1-5	1,3	4-9	1-4	1-4
	OSRAM Halotronic HTM 105	35-105	7-20	1-5	1-5	1-3	4-9	1-4	1-4
	Philips Certaline 105	35-105	7-20	1-5	1-5	1-3	4-9	1-4	1-4
	RELCO ICE 105 PFS TH	20-105	4-20	2-5	2-4			1-3	1-3
	Vossloh Schwabe EST 105	20-105	4-20	2-5	2-4	1-2	2-9	1-3	1-3
	Varilight YT105L	0-105	0-20	1-5	1-4	1-2	1-9	1-3	1-3
	OSRAM ET-PARROT 105	35-105	7-20	1-4	1-4	1-3	1-9	1-3	1-3
	Govena YT105	35-105	7-20	1-9	1-9	1-5	1-17	1-6	1-6
	Osram 927019 HTL 105/230-240	35-105	7-20	1-4	1-4	2-3	1-9	1-3	2-3
	TCI Pico Wolf 105	20-105	4-20	2-5	2-4	2		1-3	2-3
GIRA tronic trafo	20-105	4-20	2-5	2-4	2	2-9	1-3	1-3	
Osram HTI DALI 105/230...240 DIM+Dyalite DDBC120-DALI	35-105	7-20	N.A.	N.A.		N.A.	3-10	3-11	
Transformer 50-150W	Philips Primaline 150	50-150	10-30	1-3	1-3	2-4	5-10	1-4	1-6
	OSRAM HTM 150	50-150	10-30	1-5	1-5	2-4	5-10	2-4	2-6
	Varilight YT150	0-150	0-30	1-8	1-4	1-3	1-10	1-5	1-5
	SLV TRANSFORMATEUR, 12V AC, 150VA,	50-150	10-30	1-6	1-6	1-4	1-12	1-5	1-5
	TCI Wolf 150, WX 150	50-150	10-30	1-6	1-6	2-4	1-12	2-5	2-5
	Jung SNT150	50-150	10-30	1-2	1-2	2-4	1-2	1-5	2-5
RELCO RN1684 FOX 150 PFS TH	50-150	10-30	1-2	1-2		1-5	1-2	1-2	
Transformer 50-250W	RELCO ICE 200 PFS TH	100-200	20-40	5-8	4			4-6	4-6
	Osram 927026 HTL 225/230-240	50-225	10-45	1-9	1-9	2-6	1-19	2-7	2-7

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LED spot		
MAS LEDspotLV DimTone 5-35W MR16 36D	MAS LED SPOT VLE D 7.5-50W MR16	MAS LEDspot LV DimTone 7.5-50W MR16 36D
9290019047	9290024932 9290024933 9290024934 9290024935 9290024936 9290024937	9290024938
		
		

	Brand / type	Watt	LED Watt			
Transformer 10-70W	Philips Primaline 70	20-70	4-14		1 - 2	1
	OSRAM Halotronic HTM 70 (new type)	20-70	4-14		1 - 2	1
	Philips ET-S60	20-60	4-12		T.B.D.	T.B.D.
	Philips Certaline 60	20-60	4-12		1 - 2	1
	SEET STE 70VA 7429	20-70	4-14		1 - 2	1
	TCI PICO WOLF 60	10-60	4-12		1 - 2	2
	Vossloh Schwabe EST 60/12.635	10-60	4-12		1 - 2	1
	RELCO ICE60 PFS TH 60W	10-60	4-12		2	1
	Varilight YT50L	0-50	0-10		1 - 2	1
	Varilight YT70L	0-70	0-14		1 - 2	1
	Vossloh Schwabe EST 70/12.380	20-70	4-14		1 - 2	1 - 2
	Paulmann Trafo Halo + LED 0-65W - 97767	20-60	4-12		1 - 2	1 - 5
	Govena YT60	20-70	4-14		1 - 2	1 - 2
	SLV 461060 Micro 60 PFS	20-60	4-12		1 - 2	1
	Osram 111593 ET PARROT 70/220-240	10-60	4-12		1 - 2	1
	TCI 119617 ROUND 70	20-70	4-14		2	1
	EVN TAB 70 (3310)	20-70	4-14		2	1
	EVN MINJOKER 70(T27/10)	10-70	2-14		2	
Niko 320-00121	10-65	0-40		1 - 2	1	
Transformer 20-105W	Philips Primaline 105	35-105	7-20		1	1 - 2
	OSRAM Halotronic HTM 105	35-105	7-20		1 - 4	1 - 2
	Philips Certaline 105	35-105	7-20		1, 3 - 4	2
	RELCO ICE 105 PFS TH	20-105	4-20		1 - 4	2
	Vossloh Schwabe EST 105	20-105	4-20		2 - 4	1 - 2
	Varilight YT105L	0-105	0-20		1 - 4	1 - 2
	OSRAM ET-PARROT 105	35-105	7-20		1 - 4	1 - 2
	Govena YT105	35-105	7-20		1 - 4	1 - 5
	Osram 927019 HTL 105/230-240	35-105	7-20		1 - 4	2
	TCI Pico Wolf 105	20-105	4-20		1 - 4	2
	GIRA tronic trafo	20-105	4-20		3 - 4	2
	Osram HTI DALI 105/230..240 DIM+Dyalite DDBC120-DALI	35-105	7-20		2 - 4	2 - 7
Transformer 50-150W	Philips Primaline 150	50-150	10-30		1, 3 - 6	1 - 3
	OSRAM HTM 150	50-150	10-30		2 - 6	2 - 3
	Varilight YT150	0-150	0-30		1 - 6	1 - 3
	SLV TRANSFORMATEUR, 12V AC, 150VA,	50-150	10-30		1 - 6	1 - 4
	TCI Wolf 150, WX 150	50-150	10-30		1, 3 - 6	3 - 4
	Jung SNT150	50-150	10-30		3 - 6	1 - 4
RELCO RN1684 FOX 150 PFS TH	50-150	10-30		1 - 3, 5 - 6	1	
Transformer 50-250W	RELCO ICE 200 PFS TH	100-200	20-40		5 - 8	3 - 4
	Osram 927026 HTL 225/230-240	50-225	10-45		2 - 9	2 - 6

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LED Capsule			
CorePro LEDcapsuleLV 4.2-40W GY6.35 827D 9290036090	CorePro LEDcapsuleLV 1-10W G4 827micro 9290037789	CorePro LEDcapsuleLV 1.7-20W G4micro 827 9290037790	CorePro LEDcapsuleLV 2.4-28W G4micro 827 9290037791
 Dimmable 			

	Brand / type	Watt	LED Watt	9290036090	9290037789	9290037790	9290037791
Transformer 10-70W	Philips Primaline 70	20-70	4-14	1-3	1-14	1-8	1-5
	OSRAM Halotronic HTM 70 (new type)	20-70	4-14	1-3	1-14	1-8	1-5
	Philips ET-S60	20-60	4-12	T.B.D.	1-2	1-2	1-2
	Philips Certaline 60	20-60	4-12	1-2	1-12	1-7	1-4
	SEET STE 70VA 7429	20-70	4-14	1-2	1-14	1-8	1-5
	TCI PICO WOLF 60	10-60	4-12	2			
	Vossloh Schwabe EST 60/12.635	10-60	4-12	2			
	RELCO ICE60 PFS TH 60W	10-60	4-12	1-2	1-12	1-7	1-4
	Varilight YT50L	0-50	0-10	1-2	1-10	1-6	1-3
	Varilight YT70L	0-70	0-14	1-3	1-14	1-8	1-5
	Vossloh Schwabe EST 70/12.380	20-70	4-14	1-3	1-14	1-8	1-5
	Paulmann Trafo Halo + LED 0-65W - 97767	20-60	4-12	1-9	1-12	1-7	1-4
	Govena YT60	20-70	4-14	1-2	1-12	1-8	1-4
	SLV 461060 Micro 60 PFS	20-60	4-12	1-2	1-12	1-7	1-4
	Osram 111593 ET PARROT 70/220-240	10-60	4-12	1-3	1-12	1-7	1-4
	TCI 119617 ROUND 70	20-70	4-14	1-3	1-7	1-5	1-2
EVN TAB 70 (3310)	20-70	4-14	1-3	1-8	1-4	1-2	
EVN MINIJOKER 70(T27/10)	10-70	2-14	2-3				
Niko 320-00121	10-65	0-40	1-3	1-4	1-3	1-2	
Transformer 20-105W	Philips Primaline 105	35-105	7-20	1-5	1-7	1-4	1-2
	OSRAM Halotronic HTM 105	35-105	7-20	1-5	1-20	1	1-4
	Philips Certaline 105	35-105	7-20	1-5	1-7	1-12	1-7
	RELCO ICE 105 PFS TH	20-105	4-20	1-5	1-20	1-6	1-7
	Vossloh Schwabe EST 105	20-105	4-20	1-5	1-20	1-12	1-7
	Varilight YT105L	0-105	0-20	1-5	1-20	1-12	1-7
	OSRAM ET-PARROT 105	35-105	7-20	1-5	1-20	1-12	1-7
	Govena YT105	35-105	7-20	1-5	1-20	1-12	1-7
	Osram 927019 HTL 105/230-240	35-105	7-20	2-5	1-20	1-6	1-7
	TCI Pico Wolf 105	20-105	4-20	1-5			
	GIRA tronic trafo	20-105	4-20	2-5			
Osram HTI DALI 105/230..240 DIM+Dyalite DDBC120-DALI	35-105	7-20	2-15			1-4	
Transformer 50-150W	Philips Primaline 150	50-150	10-30	1-7	1-7	1-6	1-7
	OSRAM HTM 150	50-150	10-30	2-7	1-7	1-7	1-8
	Varilight YT150	0-150	0-30	1-7	1-20	1-17	1-12
	SLV TRANSFORMATEUR, 12V AC, 150VA,	50-150	10-30	1-7	1-20	1-17	1-12
	TCI Wolf 150, WX 150	50-150	10-30	2-7	1-14	1-17	1-12
	Jung SNT150	50-150	10-30	1-7	1-4	1	1
RELCO RN1684 FOX 150 PFS TH	50-150	10-30	1-2	1-13	1-6	1-7	
Transformer 50-250W	RELCO ICE 200 PFS TH	100-200	20-40	4-9			
	Osram 927026 HTL 225/230-240	50-225	10-45	2-10	1-20	1-18	1-18

Professional dimmer transformer compatibility 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 LED ExpertColor 7.5-43W MR16
9290030797, 9290030798, 9290030799, 9290030800, 9290030801, 9290030802

Brand	Model	Load	
Dimmer	Legrand	BTN4411N BTNT4411 BTL4411N	5 - 75VA
	Busch Jaeger ABB	6513 U - 102	[RC] 40 - 420W - Turn
	Busch Jaeger ABB	6523 UR - 103 Trailing Edge	[LED, R, L, C] 2 - 400W - Turn - Leading
	Eitako	EVD61NPN - UC	400W 3 - wire Push Module
	Merten Schneider Feller	SBD200LED (MEG5134-0000)	[LED/RC] 4 - 200W(RC) 4 - 400W(RL)
	Merten Schneider Feller	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
	Philips	UID8670	[LED] 2 - 100VA - LED - Push (3wire)
	Schneider Feller	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
	Varilight	HQ3W	[R] 60 - 400W
	Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast

Transformer									
ET - S60	Philalime 70	Certaline 105	Osram HTM 70	Vossloh Schwabe EST 70	TCI ROUND 70	Govena YT 60	Govena YT 105	Varilight YT 50L	Jung SNT 150
20 - 60W	35 - 105W	50 - 150W	35 - 105W	50 - 150W	0 - 70W	20 - 70W	35 - 105W	20 - 70W	20 - 105W

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



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

Brand	Model	Load	
Dimmer	Legrand	BTN4411N BTNT4411 BTL4411N	5 - 75VA
	Busch Jaeger ABB	6513 U - 102	[RC] 40 - 420W - Turn
	Busch Jaeger ABB	6523 UR - 103 Trailing Edge	[LED, R, L, C] 2 - 400W - Turn - Leading
	Eitako	EVD61NPN - UC	400W 3 - wire Push Module
	Merten Schneider Feller	SBD200LED (MEG5134-0000)	[LED/RC] 4 - 200W(RC) 4 - 400W(RL)
	Merten Schneider Feller	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
	Philips	UID8670	[LED] 2 - 100VA - LED - Push (3wire)
	Schneider Feller	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
	Varilight	HQ3W	[R] 60 - 400W
	Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast

Transformer									
ET - S60	Philalime 70	Certaline 105	Osram HTM 70	Vossloh Schwabe EST 70	TCI ROUND 70	Govena YT 60	Govena YT 105	Varilight YT 50L	Jung SNT 150
20 - 60W	35 - 105W	50 - 150W	35 - 105W	50 - 150W	0 - 70W	20 - 70W	35 - 105W	20 - 70W	20 - 105W

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



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

Brand	Model	Load	
Dimmer	Legrand	BTN4411N BTNT4411 BTL4411N	5 - 75VA
	Busch Jaeger ABB	6513 U - 102	[RC] 40 - 420W - Turn
	Busch Jaeger ABB	6523 UR - 103 Trailing Edge	[LED, R, L, C] 2 - 400W - Turn - Leading
	Eitako	EVD61NPN - UC	400W 3 - wire Push Module
	Merten Schneider Feller	SBD200LED (MEG5134-0000)	[LED/RC] 4 - 200W(RC) 4 - 400W(RL)
	Merten Schneider Feller	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
	Philips	UID8670	[LED] 2 - 100VA - LED - Push (3wire)
	Schneider Feller	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
	Varilight	HQ3W	[R] 60 - 400W
	Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast

Transformer									
ET - S60	Philalime 70	Certaline 105	Osram HTM 70	Vossloh Schwabe EST 70	TCI ROUND 70	Govena YT 60	Govena YT 105	Varilight YT 50L	Jung SNT 150
20 - 60W	35 - 105W	50 - 150W	35 - 105W	50 - 150W	0 - 70W	20 - 70W	35 - 105W	20 - 70W	20 - 105W

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

Professional dimmer transformer compatibility 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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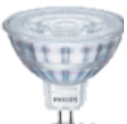


**MAS LEDspot LV DimTone 7.5-50W
MR16 36D
9290024938**

Brand	Model	Load	
Dimmer	Legrand	BTN4411N BTNT4411 BTL4411N	5 - 75VA
	Busch Jaeger ABB	6513 U - 102	[RC] 40 - 420W - Turn
	Busch Jaeger ABB	6523 UR - 103 Trailing Edge	[LED, R, L,C] 2 - 400W - Turn - Leading
	Eitako	EVD61NPN - UC	400W 3 - wire Push Module
	Merten Schneider Feller	SBD200LED (MEG5134-0000)	[LED/RC] 4 - 200W(RC) 4 - 400W(RL)
	Merten Schneider Feller	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
	Philips	UID8670	[LED] 2 - 100VA - LED - Push (3wire)
	Schneider Feller	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
	Varilight	HQ3W	[R] 60 - 400W
	Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast

Transformer									
ET - S60	Philaline 70	Certaline 105	Osram HTM 70	Vossloh Schwabe EST 70	TCI ROUND 70	Govena YT 60 YT 105		Varilight YT 50L	Jung SNT 150
20 - 60W	35 - 105W	50 - 150W	35 - 105W	50 - 150W	0 - 70W	20 - 70W	35 - 105W	20 - 70W	20 - 105W

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



**MAS LEDspotLV DimTone 5.8-35W
MR16 36D
9290024931**

Brand	Model	Load	
Dimmer	Legrand	BTN4411N BTNT4411 BTL4411N	5 - 75VA
	Busch Jaeger ABB	6513 U - 102	[RC] 40 - 420W - Turn
	Busch Jaeger ABB	6523 UR - 103 Trailing Edge	[LED, R, L,C] 2 - 400W - Turn - Leading
	Eitako	EVD61NPN - UC	400W 3 - wire Push Module
	Merten Schneider Feller	SBD200LED (MEG5134-0000)	[LED/RC] 4 - 200W(RC) 4 - 400W(RL)
	Merten Schneider Feller	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
	Philips	UID8670	[LED] 2 - 100VA - LED - Push (3wire)
	Schneider Feller	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
	Varilight	HQ3W	[R] 60 - 400W
	Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast

Transformer									
ET - S60	Philaline 70	Certaline 105	Osram HTM 70	Vossloh Schwabe EST 70	TCI ROUND 70	Govena YT 60 YT 105		Varilight YT 50L	Jung SNT 150
20 - 60W	35 - 105W	50 - 150W	35 - 105W	50 - 150W	0 - 70W	20 - 70W	35 - 105W	20 - 70W	20 - 105W

1-2		1-3	2	2	2		1-6	1	3
1-2	2								
1-2		1-3	1-2	1-2	1-2	1	1-6	1	
1-2			1-2	1-2	1-2	1	1	1	3
1-2	2		1-2	1-2					3
		1-3	1-2	1-2	1-2	1	1-6	1	3
1-2			1-2	2	2	1	1-6	1	3
		3	1-2	1-2		1	1	1	
1-2		1-3	1-2	1-2	1-2	1	1-6	1	3



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

Brand	Model	Load	
Dimmer	Legrand	BTN4411N BTNT4411 BTL4411N	5 - 75VA
	Busch Jaeger ABB	6513 U - 102	[RC] 40 - 420W - Turn
	Busch Jaeger ABB	6523 UR - 103 Trailing Edge	[LED, R, L,C] 2 - 400W - Turn - Leading
	Eitako	EVD61NPN - UC	400W 3 - wire Push Module
	Merten Schneider Feller	SBD200LED (MEG5134-0000)	[LED/RC] 4 - 200W(RC) 4 - 400W(RL)
	Merten Schneider Feller	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
	Philips	UID8670	[LED] 2 - 100VA - LED - Push (3wire)
	Schneider Feller	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
	Varilight	HQ3W	[R] 60 - 400W
	Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast

Transformer									
ET - S60	Philaline 70	Certaline 105	Osram HTM 70	Vossloh Schwabe EST 70	TCI ROUND 70	Govena YT 60 YT 105		Varilight YT 50L	Jung SNT 150
20 - 60W	35 - 105W	50 - 150W	35 - 105W	50 - 150W	0 - 70W	20 - 70W	35 - 105W	20 - 70W	20 - 105W

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

Professional dimmer transformer compatibility 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 LED spot VLE D 5.8-35W MR16
9290024925, 9290024926,
9290024927, 9290024928,
9290024929, 9290024930

Brand	Model	Load	
Dimmer	Legrand	BTN4411N BTNT4411 BTL4411N	5 - 75VA
	Busch Jaeger ABB	6513 U - 102	[RC] 40 - 420W - Turn
	Busch Jaeger ABB	6523 UR - 103 Trailing Edge	[LED, R, L,C] 2 - 400W - Turn - Leading
	Eitako	EVD61NPN - UC	400W 3 - wire Push Module
	Merten Schneider Feller	SBD200LED (MEG5134-0000)	[LED/RC] 4 - 200W(RC) 4 - 400W(RL)
	Merten Schneider Feller	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
	Philips	UID8670	[LED] 2 - 100VA - LED - Push (3wire)
	Schneider Feller	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
	Varilight	HQ3W	[R] 60 - 400W
	Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast

Transformer									
ET - S60	Philalime 70	Certaline 105	Osram HTM 70	Vossloh Schwabe EST 70	TCI ROUND 70	Govena YT 60	Govena YT 105	Varilight YT 50L	Jung SNT 150
20 - 60W	35 - 105W	50 - 150W	35 - 105W	50 - 150W	0 - 70W	20 - 70W	35 - 105W	20 - 70W	20 - 105W

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



MAS LEDspotLV DimTone 5-35W MR16 36D
9290019047

Brand	Model	Load	
Dimmer	Legrand	BTN4411N BTNT4411 BTL4411N	5 - 75VA
	Busch Jaeger ABB	6513 U - 102	[RC] 40 - 420W - Turn
	Busch Jaeger ABB	6523 UR - 103 Trailing Edge	[LED, R, L,C] 2 - 400W - Turn - Leading
	Eitako	EVD61NPN - UC	400W 3 - wire Push Module
	Merten Schneider Feller	SBD200LED (MEG5134-0000)	[LED/RC] 4 - 200W(RC) 4 - 400W(RL)
	Merten Schneider Feller	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
	Philips	UID8670	[LED] 2 - 100VA - LED - Push (3wire)
	Schneider Feller	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
	Varilight	HQ3W	[R] 60 - 400W
	Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast

Transformer									
ET - S60	Philalime 70	Certaline 105	Osram HTM 70	Vossloh Schwabe EST 70	TCI ROUND 70	Govena YT 60	Govena YT 105	Varilight YT 50L	Jung SNT 150
20 - 60W	35 - 105W	50 - 150W	35 - 105W	50 - 150W	0 - 70W	20 - 70W	35 - 105W	20 - 70W	20 - 105W

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



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

Brand	Model	Load	
Dimmer	Legrand	BTN4411N BTNT4411 BTL4411N	5 - 75VA
	Busch Jaeger ABB	6513 U - 102	[RC] 40 - 420W - Turn
	Busch Jaeger ABB	6523 UR - 103 Trailing Edge	[LED, R, L,C] 2 - 400W - Turn - Leading
	Eitako	EVD61NPN - UC	400W 3 - wire Push Module
	Merten Schneider Feller	SBD200LED (MEG5134-0000)	[LED/RC] 4 - 200W(RC) 4 - 400W(RL)
	Merten Schneider Feller	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
	Philips	UID8670	[LED] 2 - 100VA - LED - Push (3wire)
	Schneider Feller	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
	Varilight	HQ3W	[R] 60 - 400W
	Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast

Transformer									
ET - S60	Philalime 70	Certaline 105	Osram HTM 70	Vossloh Schwabe EST 70	TCI ROUND 70	Govena YT 60	Govena YT 105	Varilight YT 50L	Jung SNT 150
20 - 60W	35 - 105W	50 - 150W	35 - 105W	50 - 150W	0 - 70W	20 - 70W	35 - 105W	20 - 70W	20 - 105W

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 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 14.8-75W 927 AR111
9290030426, 9290030427
9290030428, 9290030429
9290030430, 9290030431

Brand	Model	Load
Legrand	BTN4411N BTNT4411 BTL4411N	5 - 75VA
Busch Jaeger ABB	6513 U - 102	[RC] 40 - 420W - Turn
Busch Jaeger ABB	6523 UR - 103 Trailing Edge	[LED, R, L,C] 2 - 400W - Turn - Leading
Eitako	EVD61NPN - UC	400W 3 - wire Push Module
Merten Schneider Feller	SBD200LED (MEG5134-0000)	[LED/RC] 4 - 200W(RC) 4 - 400W(RL)
Merten Schneider Feller	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
Philips	UID8670	[LED] 2 - 100VA - LED - Push (3wire)
Schneider Feller	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
Varilight	HQ3W	[R] 60 - 400W
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast

Transformer									
ET - S60	Philips Primaline 70	Certaline 105	Osram HTM 70	Vossloh Schwabe EST 70	TCI ROUND 70	Govena YT 60 YT 105		Varilight YT 50L	Jung SNT 150
20 - 60W	35 - 105W	50 - 150W	35 - 105W	50 - 150W	0 - 70W	20 - 70W	35 - 105W	20 - 70W	20 - 105W

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	1
1	1	1	1	1	1	1	1	1	1



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

Brand	Model	Load
Legrand	BTN4411N BTNT4411 BTL4411N	5 - 75VA
Busch Jaeger ABB	6513 U - 102	[RC] 40 - 420W - Turn
Busch Jaeger ABB	6523 UR - 103 Trailing Edge	[LED, R, L,C] 2 - 400W - Turn - Leading
Eitako	EVD61NPN - UC	400W 3 - wire Push Module
Merten Schneider Feller	SBD200LED (MEG5134-0000)	[LED/RC] 4 - 200W(RC) 4 - 400W(RL)
Merten Schneider Feller	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
Philips	UID8670	[LED] 2 - 100VA - LED - Push (3wire)
Schneider Feller	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
Varilight	HQ3W	[R] 60 - 400W
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast

Transformer									
ET - S60	Philips Primaline 70	Certaline 105	Osram HTM 70	Vossloh Schwabe EST 70	TCI ROUND 70	Govena YT 60 YT 105		Varilight YT 50L	Jung SNT 150
20 - 60W	35 - 105W	50 - 150W	35 - 105W	50 - 150W	0 - 70W	20 - 70W	35 - 105W	20 - 70W	20 - 105W

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



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

Brand	Model	Load
Legrand	BTN4411N BTNT4411 BTL4411N	5 - 75VA
Busch Jaeger ABB	6513 U - 102	[RC] 40 - 420W - Turn
Busch Jaeger ABB	6523 UR - 103 Trailing Edge	[LED, R, L,C] 2 - 400W - Turn - Leading
Eitako	EVD61NPN - UC	400W 3 - wire Push Module
Merten Schneider Feller	SBD200LED (MEG5134-0000)	[LED/RC] 4 - 200W(RC) 4 - 400W(RL)
Merten Schneider Feller	MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
Philips	UID8670	[LED] 2 - 100VA - LED - Push (3wire)
Schneider Feller	SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
Varilight	HQ3W	[R] 60 - 400W
Vimar	Universal dimmer 20135.1	[LED] 3 - 200W - Tast

Transformer									
ET - S60	Philips Primaline 70	Certaline 105	Osram HTM 70	Vossloh Schwabe EST 70	TCI ROUND 70	Govena YT 60 YT 105		Varilight YT 50L	Jung SNT 150
20 - 60W	35 - 105W	50 - 150W	35 - 105W	50 - 150W	0 - 70W	20 - 70W	35 - 105W	20 - 70W	20 - 105W

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

Professional dimmer transformer compatibility 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



LED 20W G4 WW 12V Dim
9290037792

Brand	Model	Load
Dimmer	Legrand BTN4411N BTNT4411 BTL4411N	5 - 75VA
	Busch Jaeger ABB 6513 U - 102	[RC] 40 - 420W - Turn
	Busch Jaeger ABB 6523 UR - 103 Trailing Edge	[LED, R, L, C] 2 - 400W - Turn - Leading
	Eitako EVD61NPN - UC	400W 3 - wire Push Module
	Merten Schneider Feller SBD200LED (MEG5134-0000)	[LED/RC] 4 - 200W(RC) 4 - 400W(RL)
	Merten Schneider Feller MEG5300-0001 (CCT99100)	[LED, RL, RC] 4 - 20VA RL LED / 4 - 100VA RC LED
	Philips UID8670	[LED] 2 - 100VA - LED - Push (3wire)
	Schneider Feller SBD315RC (SBD 315, SDD 315, ATD315, CCT011533)	[RC] 315W
	Varilight HQ3W	[R] 60 - 400W
	Vimar Universal dimmer 20135.1	[LED] 3 - 200W - Tast

		Transformer									
		Philips		Osram	Vossloh Schwabe	TCI	Govena		Varilight	Jung	
		ET - S60	Primaline 70	Certaline 105	HTM 70	EST 70	ROUND 70	YT 60	YT 105	YT 50L	SNT 150
		20 - 60W	20 - 70W	35 - 105W	20 - 70W	20 - 70W	20 - 70W	0 - 50W	0 - 70W	0 - 50W	20 - 105W
Dimmer	Legrand	1 - 5	5	3 - 5	1 - 5	3 - 5	3 - 5	1 - 5	1 - 5	1 - 5	1 - 3
	Busch Jaeger ABB	3 - 5	5	5	3 - 5	3	5	3 - 5	5	5	5
	Busch Jaeger ABB	1 - 5	3 - 5	3	1 - 5	1 - 5	1 - 5	1 - 5	3 - 5	5	5
	Eitako	1 - 5	5	3 - 5	1 - 5	1 - 5	1 - 3	1 - 5	1 - 5	1 - 5	3 - 5
	Merten Schneider Feller	3 - 5	3 - 5	3 - 5	1 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5
	Merten Schneider Feller	1 - 5	3 - 5	5	1 - 5	3 - 5	3 - 5	5	3 - 5	1 - 5	3 - 5
	Philips	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	1 - 5	1 - 5	1 - 5	1 - 5	3 - 5
	Schneider Feller	5	5	5	5	5	5	3 - 5	5	3 - 5	5
	Varilight	1 - 3	3	5	3	1 - 3	1	1	3 - 5	1,5	1,5
	Vimar	1 - 5	3 - 5	5	1 - 5	1 - 3	5	5	5	5	3 - 5

Notes:

- #1) Transformers 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".
- #11) The DALI ET test data is with Dynalite DDBC120-DALI controller under limited conditions. Signify reserves the rights to the final explanation.



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Data subject to change.