





PARATHOM® PRO

Compatibility Performance with Transformers without Dimmer

Range of lamps to be connected for good functionality

For max. number of lamps on a transformer please use the rule of thumb: *

$$\frac{\text{Max load of transformer}}{\text{halogen equivalent wattage}} = \text{max. number of lamps}$$

		Parathom PRO MR 16 20 adv	Parathom PRO MR 16 35/42 adv	Parathom PRO MR 16 50 adv	Parathom PRO LEDspot 111 adv
					
		4052899904668	4052899901179	4052899906198	4008321972392
		4052899904699	4052899901148	4052899906204	4008321972415
		4052899904675	4052899901186	4052899906211	4052899907690
		4052899904705	4052899901155		4052899907720
		4052899904712	4052899901193		4052899907737
			40528999014312		4052899907744
			40528999014350		4052899907751
			40528999014381		4052899907768
Brand	Model				
OSRAM	HTM 70/230-240	1 - 4	1 - 4	1 - 4	1
OSRAM	HTM 105/230-240	1 - 4	1 - 4	1 - 4	1 - 2
OSRAM	HTM 150/230-240	3 - 4		1 - 4	1 - 3
OSRAM	ET-Parrot 70/220-240 I	1 - 4	1 - 4	1 - 4	1
OSRAM	ET-Parrot 105/220-240	2 - 4		1 - 4	1 - 2
OSRAM	ET-Parrot 150/220-240				
OSRAM	Hti DALI 105/230-240 DIM			1 - 4	
OSRAM	Hti DALI 150/230-240 DIM			1 - 4	
OSRAM	Hti DALI 315/230-240 (HTM70)			1 - 4	
OSRAM	Hti DALI 315/230-240 (ET-Parrot70)				
OSRAM	Hti DALI 315/230-240 (ET-Z60)				
OSRAM	Hti DALI 315/230-240 (ET-A60)				
OSRAM	HTL105/230-240	2 - 4		1 - 4	1 - 2
OSRAM	HTL225/230-240			2 - 4	2 - 4
OSRAM	HTN 75/230-240 I	1 - 4		1 - 4	1
OSRAM	OT 12/220-240/10	1 - 2			
OSRAM	OT 15/220-240/10	1 - 3		1	
OSRAM	OT 20/220-240/24	1 - 3		1	



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Parathom PRO MR 16 20 adv Parathom PRO MR 16 35/42 adv Parathom PRO MR 16 50 adv Parathom PRO LEDspot 111 adv



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4052899904699	4052899901148	4052899906204	4008321972415	4052899907812
4052899904675	4052899901186	4052899906211	4052899907690	4052899907829
4052899904705	4052899901155		4052899907720	4052899907836
4052899904712	4052899901193		4052899907737	4052899907843
	40528999014312		4052899907744	4052899907850
	40528999014350		4052899907751	
	40528999014381		4052899907768	

Brand	Model	Parathom PRO MR 16 20 adv	Parathom PRO MR 16 35/42 adv	Parathom PRO MR 16 50 adv	Parathom PRO LEDspot 111 adv
OSRAM	Ote 18/220-240/24	1 - 3		1	
OSRAM	OTe 35/220-240/12	1 - 4	1 - 4	1 - 2	
OSRAM	OT 50/220-240/10	1 - 4		1 - 3	
OSRAM	OT 75/220-240/24	1 - 4		1 - 3	
OSRAM	OT 15/12 P	1 - 2	1	1	
OSRAM	OT 30/12 P	1 - 5	1 - 3	1 - 2	
OSRAM	OTe 60/12 E	1 - 10	1 - 6	1 - 4	
OSRAM	HTB 70/220-240	1 - 4		1 - 4	
OSRAM	HTB 105/220-240	1 - 4		1 - 4	1
OSRAM	ET-ZE 60/220-240	1 - 4		1 - 4	1
OSRAM	ET-Z 60/220-240 (EN ver)	1 - 4	1 - 4	1 - 4	
OSRAM	ET-ZL 50/220-240	1 - 4		1 - 4	
OSRAM	ET-MZ 60/110-130	2 - 4		1 - 4	
OSRAM	ET-C 70/220-240	1 - 4		1 - 4	
OSRAM	ET-A 60/220-240	1 - 4	1 - 4	1 - 4	
OSRAM	ET-P 60/220-240 (Gen 1)	2 - 4		1 - 4	
OSRAM	ET-P 60/220-240 (Gen 2)	1 - 4	1 - 4	1 - 4	
OSRAM	TET-E60I/220-240	2 - 4		1 - 4	
OSRAM	ET-Redback 60/230-240	1 - 4	1 - 4	1 - 4	
OSRAM	Speedy 50/230-240				





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		4052899014312		4052899907744
		4052899014350		4052899907751
		4052899014381		4052899907768
Brand	Model			
ABB	Speedy 105/230-240			1 - 2
abi	AL50476			
abi	SET60T-EL AL50460	1 - 4		
abi	GET-60T AL50462	1 - 4		
abi-AURORA	AU-E60			
BATEC	BT-HA50K			
BEC	MET50			
Berker	Igel Tronic Trafo 2921			
Berker	Tronic Trafo SNT 40-2915			
Berker	SNTF105-297401/230V			
Berker	SNTF II 35-105W 2927			
Berker	SNT 40 2915			
Berker	SNT 70/QO 2918			
BLOCK	HES 70K			
BLOCK	HES 105K			
Brumberg	54211/220-240V			
Brumberg	54271/230-240			2





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Brand	Model			
Brumberg	Trafo 105VA			
Busch-Jäger	6575-70/230-240			1
EVN	Clou 60/230-240V			
EVN	MINIJOKER 70/230			1
EVN	PD.2/60/230-240			1
EVN	TAB 50(0410)			
EVN	TAB 70/230V (3310)			
FN LIGHT	TL105S-461107/230-240V			
Goodbay	SET110LV (35-110W)			
JOM	ET-60A			
JUHAO	JH-ET60A			
Jung	Tronic Trafo SNT 105 F			1 - 2
Jung	Tronic Trafo SNT 70 Q			
Jung	SNT 70 F			1
Jung	SNT40			
Kopp	YT7C/230			1
Kopp	YT70			





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		4052899014350		4052899907768
Brand	Model			
KTB	MBL 120			
LONON	LNDET-50W	1 - 4		
LUMIA	DKB-MR50H			
Marble	MET-2050A			
NA	100VA	1 - 4	1 - 4	
NA	200VA			1 - 4
Nobile	EN-60D			
Nobile	EN-80F			
Nobile	EN-35R			
Nobile	EN-60D2			
nVc	E60E			
nVc	ET60DS	1 - 4		
nVc	ET60E	1 - 4		
Paulmann	Disc electronic S 70			
Paulmann	Euro S 70			
Paulmann	Mipro 70			
Paulmann	Mipro 105			





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			4052899014312		4052899907744
			4052899014350		4052899907850
			4052899014381		4052899907751
Brand	Model				4052899907768
Paulmann	Profi 50				
Paulmann	Profi 80				
PHILIPS	ET-E60		1 - 4		
PHILIPS	Primaline70/230-240V				
PHILIPS	Primaline105W/230-240				2
SELF	SET60M/220-240				1
SHLY	12V 50W				
SLV	461060				
SLV	461310				
SP ELECTRIC	TFE50/12				
Spider	60S/240				1
TCI	PUMA 60				
TCI	EF 70				
TCI	PUMA 105				
TCL	ET60H				
VS	Topline EST70/230-240				1
Vossloh&Schwabe	Liteline EST70				



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- The test results reflect the measurement of the individual devices that were used in tests.
- OSRAM does not take over any responsibility, warranty or liability that this results can also be achieved by using the devices under other conditions or when using successor models of the tested devices or different models of the same manufacturer.
- The test results were achieved by using the above mentioned LED-lamp types. OSRAM does not take over any responsibility, warranty or liability that this results can also be achieved by using the devices under other conditions or when using other LED-lamp types.
- The absence of a transformer from this chart does not necessarily imply incompatibility.
- LED lamps contain several electronic components. Under unfavourable conditions these can lead to acoustic noise. In case of resonance even low noise can cause audible effect. Possible factors influencing this are the installation, the design of the lamp holder and the luminaire (acoustic resonance effect) as well as the transformer (harmonics or electronic resonance).
- Subject to change without notice.
- Errors and omission excepted.
- Always make sure to use the most recent release
- The recommended list is based upon testing conducted by the manufacturer in a lab simulated environment and the results can vary in certain field applications due to a number of factors.