

PARATHOM® PRO

Dimmer Compatibility

Limited Dimming Range
(less than 80%)

Full Dimming Range
(more than 80%)

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

$$\frac{\text{Max load of dimmer}}{\text{equivalent wattage (HAL/GLS)}} = \text{max. number of lamps}$$

PARATHOM PRO PAR16 35	PARATHOM PRO PAR16 50	PARATHOM PRO PAR16 75	PARATHOM PRO MR16 20 *	PARATHOM PRO MR16 42 *	PARATHOM PRO MR16 50 *	PARATHOM PRO LEDspot 111 50
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4008321972255	4008321973436	4008321972330	4008321973252	4008321972231	4008321972316	4008321972392
4008321972279	4008321973450	4008321972354	4008321973276	4008321972132	4008321972170	4008321972415
4008321972293	4008321973474	4008321972378	4008321973290	4008321972156	4052899906198	4052899907690
4008321973375	4008321972736	4008321972873	4008321972217	4008321973313	4052899906204	4052899907720
4008321973399	4008321973771	4008321972897	4008321972095	4008321973337	4052899906211	4052899907737
4008321973412	4008321973795	4008321972910	4008321972118	4008321973351		4052899907744
4052899902213	4052899901384	Phase out item	4052899904675	4008321991423		4052899907751
4052899902244	4052899901414		4052899904705	4008321991447		4052899907768
4052899902251	4052899901421		4052899904712	4008321991492		4052899907782
4052899902268	4052899901438		4052899904668	4008321991515		4052899907812
			4052899904699	4052899014312		4052899907829
				4052899014350		4052899907836
				4052899014381		4052899907843
						4052899907850

Brand	Model	Load Range [W]	Type	Dimming Range								
ABB	STD 503	500W	L	10- 100	9 - 100							
be	T10		L	27 - 100	2 - 100							
be	T46		T									
Berker	2874	20-525	T				5 - 95	6 - 100	10 - 100	32 - 100		
Berker	2875	60-600	L	20 - 100	18 - 100	5 - 100						
Berker	28198989	60-400	L	0 - 100								
Berker	2861 10		U									
Berker	281902		L			5 - 100						
Berker	2819		L	38 - 100	43 - 100							
British General	AT091-BG		L		21 - 100							
British General	881P		L	20 - 100								
Busch	2200	60-400	L			8 - 100						
Busch	2247U	500	L	7 - 100	6 - 100	5 - 100		0 - 96				
Busch	2250	60-600	L			6 - 100		0 - 100				
Busch	6513U-102	420	T			8 - 100	33 - 97					
Busch - Jäger	6513U-102		T	14 - 100	12 - 100						55 - 100	
Busch - Jäger	6517-0-0016		L	0 - 100								
Busch - Jäger	6517		L		16 - 100							
Busch - Jäger	6519U 550T		T		24 - 100							

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4008321972293	4008321973474	4008321972378	4008321973290	4008321972156	4052899906198	4052899907690
4008321973375	4008321972736	4008321972873	4008321972217	4008321973313	4052899906204	4052899907720
4008321973399	4008321973771	4008321972897	4008321972095	4008321973337	4052899906211	4052899907737
4008321973412	4008321973795	4008321972910	4008321972118	4008321973351		4052899907744
4052899902213	4052899901384	Phase out item	4052899904675	4008321991423		4052899907751
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4052899902268	4052899901438		4052899904668	4008321991515		4052899907812
			4052899904699	4052899014312		4052899907829
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Busch	6519U	40-550	T	14 - 100	12 - 100	9 - 100				62 - 100
Busch	6517 U-101		L		8 - 100	5 - 100				
Cat 400T	HPM		T						10 - 95	
Clipsal	32V 500 Series		L			6 - 100				
Clipsal	32E450T		T			3 - 100				
Clipsal	32E 450TM		T						10 - 100	
Clipsal	32E450LM		L			6 - 100				
Clipsal	E30 (32V500M)		L			7 - 100				
Conrad	T46	20-315	L				0 - 92		13 - 100	27 - 100
Conrad	624000-BP	40-250	L							
Düwi	DW700DA	50-300	L	34 - 100	27 - 100					
Düwi	H1 53845		L							
ELSO	174120		L							
ELSO	174100		L	10 - 100	10 - 100					
ELSO	ATD315 (174200)	20-500	L			2 - 100	22 - 95	0 - 100		
ELSO	T30	60-400	L			5 - 100				
EVERFLOURISH	EF0700DC	50-300	T	15 - 100	13 - 94	9 - 100		21 - 100	23 - 100	
EVERFLOURISH	EF0700DA		L			5 - 100				
EVERFLOURISH	EFM700DC	50-300	T			9 - 100	12 - 91	19 - 100	18 - 100	

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EVERFLOURI SH	EFM700DB	L				5 - 100		0 - 96		
EVERFLOURI SH	EF700DC	20-300	T							54 - 100
GA	622518	L		31 - 100	23 - 100					
Gira	117600	U								
Gira	0300 00/01	60-400W	L	38 - 100	43 - 100	15 - 100				
Gira	0307 00/02	20-525	T			5 - 100		7 - 100		30 - 100
Gira	030700F02	T		10 - 100	7 - 100					
HAGER	WUD43	U								
HE	He T10	L				5 - 100				
HE	T46 20-315 T	T		16 - 100	13 - 100			9 - 100		
Honyar	KT150	L				5 - 100				
HPM	Cat 400T	T								
Jung	225 NV DE	20-500	L	12 - 99	8 - 100	6 - 100		0 - 100		
Jung	255 NV DE	L		7 - 100						
Jung	225TDE	T				5 - 100		7 - 100		
Jung	244020300	60-400W	L							
Jung	254 UDIE 1	U								
Kopp	80,78	20-275W	T	10 - 100	7 - 100	6 - 100		11 - /	10 - 100	

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Kopp	8072.0000.7		T							
Kopp	Serie UP Standard		L							
Legrand	775903	420VA	T	9 - 85	6 - 82		3 - 87			
Lichtregler	he T10	60-300	L			5 - 100		0 - 96		
Lichtregler	he T39.01		L			6 - 100				
Merten	5771	20-315	T	15 - 100	13 - 100	9 - 100		27 - 100	26 - 100	54 - 100
Merten	5771 20-315T		T							
Merten	5724	60-400	T							
OSRAM	Hti DALI 315		T		8 - 100			6 - 100		
OSRAM	MCU TE 250 (A6378000055)		T						20 - 100	
OSRAM	MCU TE 250 (A63781E0055)		T						17 - 100	
Peha	434		L	10 - 100	8 - 100					
Peha	434 HAN		L	7 - 100	6 - 100					
Peha	T 5H 250V		L							
Peha	B80.433V		L			5 - 100		2 - 97		
Pera/HE	He T46		T			9 - 100				
Pera/HE	he T39.01		L			5 - 100				
Schneider	315 T		T					47 - 100		
Schneider	STD400T RC/RL	20-400	U	9 - 100	9 - 100					

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Please Note:

- 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.
- The absence of a dimmer from this chart does not necessarily imply incompatibility.
- Please reference the dimmer manufacturer's instructions for installation.

Application Notes:

- In situations where there are multiple dimming circuits sharing the same breaker feed, ELV dimmers should be used
- For best dimming results, the ELV dimmer or trailing edge dimmer type is recommended.
- ELV dimmer or trailing edge type dimmer required the neutral wire for installation.