



LED Classic Lamp Dimmer Compatibility

Limited Dimming Range
(less than 80%)

Full Dimming Range
(more than 80%)

LED SUPERSTAR
CLASSIC A60 Advanced
Frosted & Clear sparkling

LED SUPERSTAR
CLASSIC A40 Advanced
Frosted & Clear sparkling

LED SUPERSTAR
CLASSIC B25 Advanced
Frosted & Clear sparkling

LED SUPERSTAR
CLASSIC P25 Advanced
Frosted & Clear sparkling



4052899911222

4052899911185

4008321979261

4008321980380

4052899913813

4052899913790

4008321994011

4052899911406

4052899913837

4008321992376

4052899913844

4052899911420

Brand	Model	Load Range [W]	Type	4052899913844	4052899911185	4008321979261	4008321980380
Bticino	SM9350S	40-300W	L	0-100	0-100	0-100	0-100
Clipsal	E30 (32V/500M)	500W	L	0-100	0-100	0-100	0-100
Clipsal	E20 (32V 500M)	500W	L	0-100	0-100	0-100	
Clipsal	E84752D500	25-500W	T	9-100	5-100		
Clipsal	31E800T	800W	T	7-100	3-100		
Clipsal	32E450TM	450W	T	3-100	2-100	36-100	34-100
Clipsal	32E450LM	450W	L	6-100	5-100	45-100	42-100
Clipsal	32E450UDM	450W	T	3-100	3-100	39-100	38-100
Honyar	KT150	15-160W	L	8-100	8-100	0-100	32-100
Honyar	KT250 (A86KT250N)	15-250W	L	6-100	6-100		
HPM	CAT400T HPM	400W	T	2-100	1-100	32-100	34-100
HPM	CAT250T HPM	250W	T	0-100	0-100	27-100	27-100
Lutron	GRX-3106-T-AU-WH	2000W	L	0-100	0-100	0-100	0-100
Lutron	GXI-3104-T-CE-WH	2300W	T	0-100	0-100	0-100	0-100
MK	S1535	1000W	L	0-100	0-100	0-100	0-100
OSRAM	MCU Te250	20-250W	T	0-92	0-92		
Panasonic	WEG57513K	40-320W	L	0-100	0-100	0-100	21-100
Panasonic	WMS549	40-400W	L			0-100	0-100
Schneider-Electric	40600 RL	40-600W	L	4-100	4-100	44-100	
Schneider-Electric	40300 RC	20-300W	T			50-100	
TCL Legrand	LM3-02		L				
T&J	V2C-M2-FWH	40-630W	L	0-100	0-100		



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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. 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 dimmer from this chart does not necessarily imply incompatibility.
- Please reference the dimmer manufacturer's instructions for installation.
- 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 dimmer or the transformer (harmonics or electronic resonance).
- Subject to change without notice
- Errors and omission excepted
- Always make sure to use the most recent release

Application Notes:

- For best dimming results trailing edge dimmer type is recommended.
- Trailing edge type dimmer required the neutral wire for installation.



PARATHOM® CLASSIC

Dimmer Compatibility

Limited Dimming Range
(less than 80%)

Full Dimming Range
(more than 80%)

Brand	Model	Load Range [W]	Type	PARATHOM CL B25 adv	PARATHOM CL B25 adv	PARATHOM CL P25 adv	PARATHOM CL A40 adv	PARATHOM CL A40 adv	PARATHOM CL A60 adv	PARATHOM CL A75 adv
				Clear	Sparkling					
				4008321979230	4008321994035	4008321994172	4008321960610	4052899903876	4052899903890	4052899903913
ABB	STD 50-3	60-500	L	25 - 100		25 - 100	5 - 100	10 - 97	9 - 100	15 - 100
Berker	2875	60-600	L	27 - 100		27 - 100	5 - 100	7 - 91	9 - 100	15 - 100
Berker	281902	60-400	L	37 - 100		37 - 100	5 - 100	0 - 92	30 - 100	15 - 100
Berker	286110	50-420	U		10 - 100					
Bticino	SM9350S		L	17 - 100		17 - 100				
Busch-Jaeger	6513 U-102	40-420	T	60 - 100		60 - 100	10 - 100	11 - 94	13-84	15 - 100
Busch-Jaeger	2200	60-400	L	25 - 100		25 - 100	0 - 100	0 - 90	0-83	14 - 100
Busch-Jaeger	2250	60-600	L	25 - 100		25 - 100	5 - 100		4 - 100	
Busch-Jaeger	2250U	60-600	T		10 - 100					
Busch-Jaeger	6519U	40-550	T	60 - 100		60 - 100	10 - 100	13 - 92	3-100	16 - 100
Busch-Jaeger	2247U	20-500	L	30 - 100	5 - 100	30 - 100	5 - 100	5 - 94	10 - 100	14- 100
Busch-Jaeger	6517 U-101	60-400	L	23 - 100	15 - 100	23 - 100	5 - 100		10 - 100	
Clipsal	31E800T	800	T	50 - 85		50 - 85		13 - 94	13-84	14-92
Clipsal	E20 serie		L	10 - 100		10 - 100				
Clipsal	32E450UDM		T	15 - 100		15 - 100	3 - 100			
Clipsal	E30		L	7 - 100		7 - 100				
Clipsal	32E450LM		L	20 - 100		20 - 100				
Clipsal	32E450TM	450	T	30 - 100		30 - 100	5 - 100	6 - 92	33-84	15 - 96
Clipsal	32V500 Series	500VA	L	6 - 100		6 - 100	5 - 100			3 - 100
Clipsal	CAT400T HP M	400	T					11 - 82	12-79	15-84
CONRAD	T46S	20-315	T	30 - 100		30 - 100	5 - 100	13 - 92	4 - 100	15 - 88
DEHA	208013		L							



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Brand	Model	Load Range [W]	Type	PARATHOM	PARATHOM	PARATHOM	PARATHOM	PARATHOM	PARATHOM	PARATHOM
				CL B25 adv Clear Sparkling	CL B25 adv	CL P25 adv	CL A40 adv	CL A40 adv	CL A60 adv	CL A75 adv
				4008321979230	4008321994035	4008321994172 4008321994073	4008321960610	4052899903876	4052899903890	4052899903913
DUWI	14485		T							
DUWI	H1-53845		L		10 - 100					
ELSO	T30	60-400	L	20 - 100		20 - 100	10 - 100	0 - 92	0-83	14 - 100
ELSO	ATD315(174 200)	40-315	T	25 - 100		25 - 100	10 - 100	0 - 90	0-83	1 - 90
ELSO	174120	20-500	L		10 - 100		14 - 100			
ELSO	T39.01	20 - 500	L	35 - 100		35 - 100		5 - 95	7-78	15 - 90
EverFlourish	EF0700DC	20-300	T				4 - 100	14 - 90	4 - 100	15 - 94
EverFlourish	EF0700DA	50-300	L	20 - 100		20 - 100	10 - 100			
EverFlourish	EFM700DB	50-300	L	20 - 100		20 - 100	5 - 100	10 - 93	10 - 100	17-90
EverFlourish	EFM700DC	20-300	T				3 - 97,5			
Gira	300000		L							
Gira	030700/01	60-400	T							
Gira	0300 00/01	60-400	L	4 - 100		4 - 100	5 - 100	0 - 92	22 - 100	16 - 100
Gira	0307 00/02	60-400	T	45 - 100	5 - 100	45 - 100	5 - 100		7-84	19-90
GOA (Konrad)	EF700DC		T							
HE	He T10	60-300	L	20 - 100		20 - 100	5 - 100		0-68	6 - 100
HE	T46		T	35 - 99		35 - 99	4 - 100			
Helligkeitsregler	2711		L							
Honyar	KT150	15 - 160	L	29 - 100		29 - 100		9 - 92		15 - 100
Honyar	KT250	15 - 250	L	40 - 100		40 - 100	6 - 100	0 - 90		0-89
Jung	225 NV DE	20 - 500	L	20 - 100	15 - 95	20 - 100	5 - 100	7 - 94	10 - 100	13 - 100
Jung	225TDE	20 - 252	T	40 - 100		40 - 100	5 - 100	12 - 95	10-83	15 - 88



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Brand	Model	Load Range [W]	Type	PARATHOM	PARATHOM	PARATHOM	PARATHOM	PARATHOM	PARATHOM	PARATHOM
				CL B25 adv Clear Sparkling	CL B25 adv	CL P25 adv	CL A40 adv	CL A40 adv	CL A60 adv	CL A75 adv
				4008321979230	4008321994035	4008321994172	4008321960610	4052899903876	4052899903890	4052899903913
				4008321994073						
Jung	254 DU IE I		T		10 - 100					
KAKT	KT250	15-250	L				20 - 100			
Kopp	80,33	40-400	L	34 - 100		34 - 100	8 - 100	10 - 96	13 - 100	14 - 90
Kopp	80,78	20-275	T				3 - 100	11 - 95	6 - 100	15 - 100
Legrand	775903	420VA	T	20 - 100		20 - 100	5 - 100	11 - 84	2 - 100	8-83
Lichtregler	T46S		T		10 - 100					
Lichtregler	T38S		L							
Lichtregler	he T39.01	20-500VA	L				10 - 95			
Lichtregler	he T10	60-300	L	35 - 100		35 - 100	8 - 100	8 - 92	11-100	14 - 91
Merten	SBD315RC		T							
Merten	5771		T							
Merten	5771-99	20-315	T	25 - 100		25 - 100	3 - 100	12-92	3 - 100	16 - 91
Merten	577199	20-315	T				3- 100			16 - 88
Merten	5725-99	20-500	L	20 - 100		20 - 100	5 - 100	6-90	3 - 100	8 - 100
MK	S1535	1000	L	23 - 100		23 - 100		0-98	0-83	15 - 100
OSRAM	MCU Te250	20-250	T				5 - 98	5-89	3 - 93	6 - 78
Panasonic	WEG57513K	40-320	L	29 - 100		29 - 100		2-86		
PEHA	207913		L		15 - 100					
PEHA	433 HAB	20-315	T	20 - 100	5 - 85	20 - 100	5 - 100	11-81	3 - 100	15-80
PEHA	D80.433V	60-300	L	20 - 100		20 - 100	10 - 100		0-80	14-87
PEHA	434 o.A	60-400	L				10 - 95			15-87
Pera/HE	He T46	20-315	T				10 - 100			










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				PARATHOM CL B25 adv Clear	PARATHOM CL B25 adv Sparkling	PARATHOM CL P25 adv	PARATHOM CL A40 adv	PARATHOM CL A40 adv	PARATHOM CL A60 adv	PARATHOM CL A75 adv
										
Brand	Model	Load Range [W]	Type	4008321979230	4008321994035	4008321994172 4008321994073	4008321960610	4052899903876	4052899903890	4052899903913
Pera/HE	HE T39	20-500VA	L	25 - 100		25 - 100	10 - 95	5-96	7-96	16- 92
REV	13623		L		15 - 100					
REV	2711		L							
Schneider- Electric	ATD31S		T		20 - 100					
Schneider- Electric	40600 RL	40-600	L	25 - 100		25 - 100	4 - 100	10-90	13-82	16 - 100
Schneider- Electric	40300 RC	20-300	T	35 - 100		35 - 100		11-93	10-83	15 - 92
Schneider- Electric	SBD315RC	20-315	L		10-100					
Schneider- Electric	SBD630RC	20-630	L		10-100					
Schneider- Electric	LTD100RC	40-1000	L		10-100					
Schneider- Electric	ATTD1000RL	40-1000	T		10-100					
Schneider- Electric	5680	50-200	U		10-100					
Schneider- Electric	SBD420RC/ RL	20-420	U		10-100					
Schneider- Electric	SBD600RC/ RL	40-600	U		10-100					
Schneider- Electric	STD400RC/R L-DIN	40-400	U		10-100					
Schneider- Electric	STD1000RC/ RL-DIN	60-1000	T		10-100					
Schneider- Electric	SBD SPL	9-100	T		5-100					
Siemens	5TC8 284	20-525	T	40 - 100		40 - 100	5 - 100	12-97	2 - 100	6 - 89
Siemens	5TC8 286	50-400	L				5 - 100		13 - 100	
TCL-Legrand	V8051	40-630	L				5 - 100			4 - 100
Tronic	51160	315W/VA	T	35 - 100		35 - 100	5 - 100	16-92	4 - 100	15 - 84



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- The absence of a dimmer from this chart does not necessarily imply incompatibility.
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- 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 dimmer or the transformer (harmonics or electronic resonance).
- Subject to change without notice
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- Always make sure to use the most recent release

Application Notes:








- For best dimming results trailing edge dimmer type is recommended.
- Trailing edge type dimmer required the neutral wire for installation.

PARATHOM®PRO

Dimmer Compatibility

Limited Dimming Range
(less than 80%)

Full Dimming Range
(more than 80%)

		PARATHOM PRO PAR16 35		PARATHOM PRO PAR16 50		PARATHOM PRO PAR16 75		PARATHOM PRO MR16 20		PARATHOM PRO MR16 35/50		PARATHOM PRO MR16 60		PARATHOM PRO LEDspot 111 50	
															
		4008321972255		4008321973436		4008321972330		4008321973252		4008321972231		4008321972316		4008321972392	
		4008321972279		4008321973450		4008321972354		4008321973276		4008321972132		4008321972170		4008321972415	
		4008321972293		4008321973474		4008321972378		4008321973290		4008321972156					
		4008321973375		4008321972736		4008321972873		4008321972217		4008321973313					
		4008321973399		4008321973771		4008321972897		4008321972095		4008321973337					
		4008321973412		4008321973795		4008321972910		4008321972118		4008321973351					
										4008321991423					
										4008321991447					
										4008321991492					
										4008321991515					
Brand	Model	Load Range [W]	Type												
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										



PARATHOM® PRO

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Full Dimming Range
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PARATHOM PRO PAR16 35 PARATHOM PRO PAR16 50 PARATHOM PRO PAR16 75 PARATHOM PRO MR16 20 PARATHOM PRO MR16 35/50 PARATHOM PRO MR16 60 PARATHOM PRO LEDspot 111 50



4008321972255	4008321973436	4008321972330	4008321973252	4008321972231	4008321972316	4008321972392
4008321972279	4008321973450	4008321972354	4008321973276	4008321972132	4008321972170	4008321972415
4008321972293	4008321973474	4008321972378	4008321973290	4008321972156		
4008321973375	4008321972736	4008321972873	4008321972217	4008321973313		
4008321973399	4008321973771	4008321972897	4008321972095	4008321973337		
4008321973412	4008321973795	4008321972910	4008321972118	4008321973351		
				4008321991423		
				4008321991447		
				4008321991492		
				4008321991515		

Brand	Model	Load Range [W]	Type	4008321972255	4008321973436	4008321972330	4008321973252	4008321972231	4008321972316	4008321972392
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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PARATHOM PRO PAR16 35 PARATHOM PRO PAR16 50 PARATHOM PRO PAR16 75 PARATHOM PRO MR16 20 PARATHOM PRO MR16 35/50 PARATHOM PRO MR16 60 PARATHOM PRO LEDspot 111 50



4008321972255	4008321973436	4008321972330	4008321973252	4008321972231	4008321972316	4008321972392
4008321972279	4008321973450	4008321972354	4008321973276	4008321972132	4008321972170	4008321972415
4008321972293	4008321973474	4008321972378	4008321973290	4008321972156		
4008321973375	4008321972736	4008321972873	4008321972217	4008321973313		
4008321973399	4008321973771	4008321972897	4008321972095	4008321973337		
4008321973412	4008321973795	4008321972910	4008321972118	4008321973351		
				4008321991423		
				4008321991447		
				4008321991492		
				4008321991515		

Brand	Model	Load Range [W]	Type	4008321972255	4008321973436	4008321972330	4008321973252	4008321972231	4008321972316	4008321972392
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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PARATHOM PRO PAR16 35 PARATHOM PRO PAR16 50 PARATHOM PRO PAR16 75 PARATHOM PRO MR16 20 PARATHOM PRO MR16 35/50 PARATHOM PRO MR16 60 PARATHOM PRO LEDspot 111 50



4008321972255	4008321973436	4008321972330	4008321973252	4008321972231	4008321972316	4008321972392
4008321972279	4008321973450	4008321972354	4008321973276	4008321972132	4008321972170	4008321972415
4008321972293	4008321973474	4008321972378	4008321973290	4008321972156		
4008321973375	4008321972736	4008321972873	4008321972217	4008321973313		
4008321973399	4008321973771	4008321972897	4008321972095	4008321973337		
4008321973412	4008321973795	4008321972910	4008321972118	4008321973351		
				4008321991423		
				4008321991447		
				4008321991492		
				4008321991515		

Brand	Model	Load Range [W]	Type	PARATHOM PRO PAR16 35	PARATHOM PRO PAR16 50	PARATHOM PRO PAR16 75	PARATHOM PRO MR16 20	PARATHOM PRO MR16 35/50	PARATHOM PRO MR16 60	PARATHOM PRO LEDspot 111 50
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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- 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.

PARATHOM® Dimmer Compatibility

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Full Dimming Range
(more than 80%)

PARATHO M PAR 16 35 35° adv PARATHOM PAR 16 20 36° adv PARATHO M PAR 16 35 35° adv PARATHOM PAR 16 35 36° adv PARATHOM PAR 16 50 35° adv PARATHOM PAR 16 50 36° adv PARATHOM MR 16 20 36° adv PARATHOM MR 16 20 36°/24° adv PARATHOM MR 16 35 36°/24°



400832197 5379	40083218818 16	400832199 1287	4008321881 960	4008321991 324	4008321882 097	4008321682 611	4008321884 695	4008321884 985
		400832199 1300	4008321882 035	4008321991 348	4008321882 127	4008321682 574	4008321884 923	4008321885 135
			4008321882 066		4008321882 158		4008321884 756	4008321885 166
							4008321884 954	4008321885 197

Brand	Model	Load Range [W]	Type	Dimming Range														
ABB	STD 503	500W	L	14 – 80			9 – 84											5 - 100
be	T10		L															
be	T46		T	3 – 75														
Berker	2874	20-525	T															10 – 100
Berker	2875	60-600	L	6 – 100			8 – 99			10 – 99								
Berker	28198989	60-400	L															
Berker	2861 10		U			12 - 100		7 - 99			10 - 99							
Berker	281902		L	15 - 100			5 – 100											1 - 99
Berker	2819		L															
British General	AT091-BG		L															
British General	881P		L															
Busch	2200	60-400	L				14 – 99			17 – 99								
Busch	2247U	500	L	4 – 100	1 – 99	11 – 100	2 – 100				4 – 100							
Busch	2250U		L		4 – 100	2 – 99	5 - 99				6 – 100							
Busch	6513U-102 420		T	4 – 76	6 – 100	5 – 99	6 – 99	5 – 99	8 – 99								46 - 99	
Busch - Jäger	6517-0-0016		L															
Busch - Jäger	6517		L															
Busch - Jäger	6519U		L															
Busch - Jäger	550T		T															

PARATHOM® Dimmer Compatibility

Limited Dimming Range
(less than 80%)

Full Dimming Range
(more than 80%)










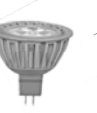

4008321975 379	4008321881 816	4008321991 287	4008321881 960	4008321991 324	4008321882 097	4008321682 611	4008321884 695	4008321884 985
		4008321991 300	4008321882 035	4008321991 348	4008321882 127	4008321682 574	4008321884 923	4008321885 135
			4008321882 066		4008321882 158		4008321884 756	4008321885 166
							4008321884 954	4008321885 197

Brand	Model	Load Range [W]	Type	3 - 100	6 - 100	5 - 99	5 - 99	5 - 99	6 - 100	27 - 100
Busch	6519U	40-550	T							
Busch	6591 U-101		L				5 - 99		6 - 100	
Cat 400T	HPM		T							
Clipsal	32V 500 Series		L			0 - 100		0 - 100		
Clipsal	32E450T		T			5 - 100				
Clipsal	32E 450TM		T					4 - 99		15 - 95
Clipsal	32E450LM		L					5 - 99		
Clipsal	E30 (32V500M)		L			0 - 100		0 - 100		
Conrad	T46	20-315	L	4 - 75		11 - 100		10 - 100		10 - 100
Conrad	624000-BP	40-250	L							
Düwi	DW700DA	50-300	L							
Düwi	H1 53845		L							
ELSO	174120		L		15 - 100		12-94		12 - 100	
ELSO	174100		L							
ELSO	ATD315 (174200)	20-500	L	2 - 93		0 - 100		0 - 100		30 - 100
ELSO	T30	60-400	L	16 - 100		10 - 100		10 - 100		
EVERFLOURI SH	EF0700DC	50-300	T	4 - 92		9 - 100		8 - 100		46 -99
EVERFLOURI SH	EF0700DA		L	18 - 100		10 - 100		9 - 99		
EVERFLOURI SH	EFM700D C	50-300	T	2 - 92						51 - 100
										43 - 99

PARATHOM® Dimmer Compatibility

Limited Dimming Range
(less than 80%)

Full Dimming Range
(more than 80%)

		PARATHOM M PAR 16 35 35° adv	PARATHOM M PAR 16 20 36° adv	PARATHOM M PAR 16 35 35° adv	PARATHOM M PAR 16 35 36° adv	PARATHOM M PAR 16 50 35° adv	PARATHOM M PAR 16 50 36° adv	PARATHOM M MR 16 20 36° adv	PARATHOM M MR 16 20 36°/24° adv	PARATHOM M MR 16 35 36°/24°
										
		4008321975 379	4008321881 816	4008321991 287	4008321881 960	4008321991 324	4008321882 097	4008321682 611	4008321884 695	4008321884 985
				4008321991 300	4008321882 035	4008321991 348	4008321882 127	4008321682 574	4008321884 923	4008321885 135
					4008321882 066		4008321882 158		4008321884 756	4008321885 166
									4008321884 954	4008321885 197
Brand	Model	Load Range [W]	Type							
EVERFLOU	EFM700D		L	16 - 100	11 - 100	12 - 100				5 - 99
RISH	B		L							
EVERFLOU	EF700DC	20-300	T					15 - 95		
RISH										
GA	030000		L		0 - 99		0 - 99			
Gira	030000/I01		U							1 - 100
Gira	030700/I01	60-400W	L	4 - 100		4 - 99		5 - 99		
Gira	030700/I02	20-525	T	4 - 99	3 - 100	4 - 99	3 - 100	5 - 100	26 - 99	
Gira	030700F02		T							
HAGER	WUD43		U							
HE	He T10		L		0 - 100		0 - 100			
HE	T46 20-315 T		T							25 - 100
Honyar	KT150		L		11 - 99		13 - 100			
Jung	225 NV DE	20-500	L	2 - 100	9 - 99	4 - 100	11 - 99	5 - 100		
Jung	225TDE		T		5 - 99		4 - 99		26 - 99	
Jung	244020300	60-400W	L	0 - 100		0 - 98		0 - 100		
Jung	254 UDIE		U			9 - 99		10 - 100		
Jung	1		U							
Kopp	80,78	20-275W	T	2 - 100	6 - 100	4 - 99	7 - 100	5 - 100	10 - 95	

PARATHOM® Dimmer Compatibility

Limited Dimming Range
(less than 80%)

Full Dimming Range
(more than 80%)

PARATHOM M PAR 16 35 35° adv	PARATHOM M PAR 16 20 36° adv	PARATHOM M PAR 16 35 35° adv	PARATHOM M PAR 16 35 36° adv	PARATHOM M PAR 16 50 35° adv	PARATHOM M PAR 16 50 36° adv	PARATHOM M MR 16 20 36° adv	PARATHOM M MR 16 20 36°/24° adv	PARATHOM M MR 16 35 36°/24°
								
4008321975 379	4008321881 816	4008321991 287	4008321881 960	4008321991 324	4008321882 097	4008321682 611	4008321884 695	4008321884 985
		4008321991 300	4008321882 035	4008321991 348	4008321882 127	4008321682 574	4008321884 923	4008321885 135
			4008321882 066		4008321882 158		4008321884 756	4008321885 166
							4008321884 954	4008321885 197

Brand	Model	Load Range [W]	Type	4008321975	4008321881	4008321991	4008321881	4008321991	4008321882	4008321682	4008321884	4008321884	4008321885
Kopp	8072.0000.7		T										
Kopp	80,33		L		18 - 99	13 - 100	14 - 99	15 - 100	14 - 100				
Legrand	775903	420VA	T	3 - 75		2 - 95		1 - 100			17 - 100	14 - 100	
Lichtregler	he T10	60-300	L			13 - 99		12 - 99					
Lichtregler	he T39.01		L			2 - 99		12 - 99					
Merten	5771-99	20-315	T	8 - 93	9 - 93	8 - 100	8 - 91	8 - 94	9 - 93	15 - 100	53 - 100		
Merten	5771 20-315T		T										
Merten	5724	60-400	T										
OSRAM	Hti DALI 315		T							15 - 90			
OSRAM	MCU TE 250 (A63780000 55)		T										
OSRAM	MCU TE 250 (A63781E00 55)		T										
Peha	434		L	5 - 100		3 - 100		2 - 100					
Peha	433 HAB		L		6 - 90		5 - 82		6 - 85				
Peha	T 5H 250V		L										
Peha	B80.433V		L	6 - 100		18 - 99		7 - 100					
Pera/HE	He T46		T										
Pera/HE	he T39.01		L	16 - 100		12 - 99		3 - 99					
Schneider	174200		T										2 - 100
Schneider	STD400T		T										
Schneider	RC/RL	20-400	U										



PARATHOM®

Dimmer Compatibility

Please Note:

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- The absence of a dimmer from this chart does not necessarily imply incompatibility.
- Please reference the dimmer manufacturer's instructions for installation.
- 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 dimmer or the transformer (harmonics or electronic resonance).
- Subject to change without notice
- Errors and omission excepted
- Always make sure to use the most recent release

Application Notes:

- For best dimming results trailing edge dimmer type is recommended.
- Trailing edge type dimmer required the neutral wire for installation.



LED Reflector Lamp Dimmer Compatibility

**Limited Dimming Range
(less than 80%)**

**Full Dimming Range
(more than 80%)**

PARATHOM PRO PAR16 35 ADV	LED SUPERSTAR PAR16 35 ADV	LED SUPERSTAR PAR16 50 ADV	LED SUPERSTAR MR16 35 ADV	LED SUPERSTAR MR16 50 ADV	LED SUPERSTAR MR16 35 ADV	LED SUPERSTAR MR16 50 ADV
4052899902244	4052899919143	4052899919204	4052899908185	4052899908246	4052899908185	4052899908246
4052899902251	4052899919150	4052899919211	4052899908192	4052899908253	4052899908192	4052899908253
4052899902268	4052899919167	4052899919228	4052899908208	4052899908260	4052899908208	4052899908260
4052899902213	4052899919112	4052899919174	4052899908154	4052899908215	4052899908154	4052899908215
4052899902220	4052899919129	4052899919181	4052899908161	4052899908222	4052899908161	4052899908222
4052899902237	4052899919136	4052899919198	4052899908178	4052899908239	4052899908178	4052899908239

Brand	Model	Load Range [W]	Type	tested with OSRAM ET-A 60	tested with OSRAM ET-A 60	tested with OSRAM ET-Redback 60	tested with OSRAM ET-Redback 60
Bticino	SM9350S	40-300W	L	0-100	6-100	6-100	
Clipsal	E30 (32V500M)	500W	L	0-100	6-100	6-100	
Clipsal	E84752D500	25-500W	T		4-100	5-100	0-60 0-95 0-62
Clipsal	U201DST600	40-600W	L	9-100	10-100	7-100	
Clipsal	E20 (32V500M)	500W	L	0-100	2-100	1-100	
Clipsal	31E800T	800W	T		15-100	10-100	
Clipsal	32E450TM	450W	T	6-100	5-100	11-100	0-90 0-55 0-97 0-63
Clipsal	32E450LM	450W	L	8-100	10-100	14-100	
Clipsal	32E450UDM	450W	T	8-100	6-100	11-100	0-55 0-91 1-64
Honyar	KT150	15-160W	L	40-100	13-100	18-100	0-91
Honyar	KT250	15- 250W	L		36-100	15-100	0-94 0-93
HPM	CAT400T HPM	400W	T	3-90			0-80 0-50 0-95 0-60
HPM	CAT200L HPM	200W	L		4-100	6-93	
HPM	CAT250T HPM	250W	T		2-93	3-93	0-90 0-55 0-96 0-60
HPM	CAT250L HPM	250W	L		2-100	5-100	
Lutron	GRX-3106-T-AU-WH	2000W	L		2-100	2-100	
Lutron	GXI-3104-T-CE-WH	2300W	T		2-100	5-100	
MK	S1535	1000W	L	33-100	12-100	16-100	
OSRAM	MCU Te250	250W	T		3-77	4-77	20-95 17-62 18-96
Panasonic	WMS549	40-400W	L	40-100	14-100	18-100	
Panasonic	WEG57513K	40-320W	L		2-100	4-100	
Schneider-Electric	40600 RL	40-600W	L		12-100	12-100	0-92
Schneider-Electric	40300 RC	20-300W	T		5-100	7-100	20-94
Schneider-Clipsal	KB31RD400	400W	L				
Siemens	5TGO200-1CC1	40-500W	L		4-100	7-100	0-96
T&J	V2C-M2-FWH	40-630W	L		8-100	6-100	
TCL Legrand	LM3-02	630W	L		4-100	4-100	
TCL-Legrand	V8051-M	40-630W	L				0-93 0-92 0-71



LED Reflector Lamp Dimmer Compatibility

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- Subject to change without notice
- Errors and omission excepted
- Always make sure to use the most recent release

Application Notes:

- For best dimming results trailing edge dimmer type is recommended.
- Trailing edge type dimmer required the neutral wire for installation.



LED SUPERSTAR Dimmer Compatibility

Limited Dimming Range
(less than 80%)

Full Dimming Range
(more than 80%)

LED SUPERSTAR PAR16 35 25° adv	LED SUPERSTAR PAR16 35 25° adv	LED SUPERSTAR PAR16 50 25° adv	LED SUPERSTAR MR16 35 24° adv*	LED SUPERSTAR MR16 20 36° adv	LED SUPERSTAR MR 16 35 36° adv	LED SUPERSTAR PAR 16 20 36° adv	LED SUPERSTAR PAR 16 35 36° adv	LED SUPERSTAR PAR 16 50 36° adv
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Brand	Model	Load Range [W]	Type	4008321975 409	4052899901 865	4008321991 249	4008321682 703	4008321882 264	4008321882 349	4008321882 622	4008321882 653	4008321882 714
ABB	STD 50-3	60-500	L	14 – 80	11 – 88					5 – 100		
Be	T46											
Berker	2874	20-525	T				10 – 100					
Berker	2875	60-600	L	6 – 100	9 – 98	8 – 99						
Berker	281902	6-400	L	15 – 100						1 – 99		
Busch-Jaeger	2200	60-400	L		15 – 99	14 – 99						
Busch-Jaeger	2247U	500	L	4 – 100	10 – 98	11 – 100				1 – 99	2 – 100	4 – 100
Busch-Jaeger	2250	60-600	L		3 – 99	2 – 99				4 – 100	5 – 99	6 – 100
Busch-Jaeger	6513U-102	40-420	T	4 – 76	6 – 100	5 – 99		46 – 99		6 – 100	6 – 99	8 – 99
Busch-Jaeger	6519U	40-550	T	3 – 100	6 – 99	5 – 99	27 – 100			6 – 100	5 – 99	6 – 100
Conrad	T46	20-315	T	4 – 75	11 – 98	11 – 100	10 – 100					
ELSO	ATD315 (174120)	20-500	L							15 – 100	12 – 94	12 – 100
ELSO	ATD315 (174200)	40-315	T	2 – 93	0 – 100	0 – 100	30 – 100		59 – 100			
ELSO	T30	60-400	L	16 – 100	9 – 99	10 – 100						
EverFlourish	EF0700DA	20-300	L	18 – 100	11 – 99	10 – 100						
EverFlourish	EFM700DB	50-300	L	16 – 100	13 – 99	11 – 100				5 – 99		
EverFlourish	EFM700DC	50-300	L	2 – 93				51 – 100	43 – 99			
EverFlourish	EF0700DC	20-300	T	4 – 92	7 – 100	9 – 100	15 – 95					
Gira	0300 00/101	60-400	L	8 – 100					1 – 100	0 – 100	0 – 99	5 – 99
Gira	0307/00/102	20-525	T	4 – 76	3 – 99	3 – 100		26 – 99		4 – 99	4 – 99	5 – 100
HE	He T10	60-300	L		0 – 99	0 – 100						
Jung	225 NV DE	20-500	L		10 – 98	9 – 99				2 – 100		5 – 100
Kopp	80,33	40-400	L		14 – 98	13 – 100				18 – 99	14 – 99	14 – 100
Kopp	80,78	20-275	T		7 – 98	6 – 100	10 – 95					5 – 100
Legrand	775903	420VA	T	3 – 75	2 – 99	2 – 95		17 – 100	14 – 100			
Lichtregler	he T10	60-300	L			13 – 99						
Lichtregler	he T39.01	20-500VAL			3 – 98	2 – 99						
Merten	5771-99	20-315	T	8 – 93	9 - 100	8 – 100	15 - 100	53 – 100		9 - 93	8 – 91	9 – 93



LED SUPERSTAR Dimmer Compatibility

Limited Dimming Range
(less than 80%)

Full Dimming Range
(more than 80%)

LED SUPERSTAR PAR16 35 R 25° adv	LED SUPERSTAR PAR16 35 R 25° adv	LED SUPERSTAR PAR16 50 R 24° adv	LED SUPERSTAR MR16 35 R 36° adv	LED SUPERSTAR MR16 20 R 36° adv	LED SUPERSTAR MR16 35 R 36° adv	LED SUPERSTAR PAR16 20R 36° adv	LED SUPERSTAR PAR16 35R 36° adv	LED SUPERSTAR PAR16 50 R 35° adv
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Brand	Model	Load Range [W]	Type	4008321975 409	4052899901 865	4008321991 249	4008321682 703	4008321882 264	4008321882 349	4008321882 622	4008321882 653	4008321882 714
Peha	434 o.A.	60-400	L	5 – 100	4 – 98	3 – 100						
Peha	D 80.433V	60-300	L	6 – 100	15 – 99	18 – 99						
Pera/be	T39.01			16 – 100								
Pera/HE	he T39.01	20-500VAL			13 – 99	12 – 99						
Siemens	5TC8 284	20-600	T	3 – 70	3 – 84	2 – 83	13 - 99			20 – 100	2 – 100	4 – 90
Siemens	5TC8 286	50-400	L		10 – 98	16 - 99				32 – 100	20 – 100	16 – 100
TCL-Legrand	V8051	40-630	L		1 – 99	0 – 100						
Tronic	51160	315W/VA	T		12 – 99	11 – 99						

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Application Notes:

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