

## DIMMER COMPATIBILITY MR11 + MR16

### BASIC INFORMATION:

#### 1. WHAT IS THE PRODUCT CODE AND WHERE DO I FIND IT?

The product code describes the lamp type. It contains 7 letters and digits and is starting with "A". Below an example for the product code of the stamp of the lamp:



220-240V **AC01770** 2700K  
13 W 50/60 Hz 27 mA  
Made in Germany XXX-XXXX

#### 2. HOW CAN I READ THE FOLLOWING CHARTS?

Legend:  
Information about the dimmability of the lamps. Green means very good dimmability, yellow means limited dimmability, red means undesired dimmability etc.

List of dimmers tested in laboratory conditions

Legend					SUPERSTAR PAR16 35 36*				SUPERSTAR PAR16 50 36*				SUPERSTAR PAR16 80 36*				SUPERSTAR PAR16 80 120*																			
Very good dimmability with indicated number of lamps (dimming range greater than 75%)																																				
Limited dimmability with indicated number of lamps (dimming range smaller than 75%)																																				
Undesired dimmability																																				
Not relevant																																				
Not tested																																				
EAN/Basic Code					4052839330157AC01184				4052839330157AC01182				4052839330179AC01187				4052839330159AC01184				4052839330218AB41305				4052839330232AB41306				4058075036589AC03043				4058075036585AC03051			
Brand	Model	Dimmer	Voltage range	Power	Type	Number of Lamps	Dimming range	Number of Lamps	Dimming range	Number of Lamps	Dimming range	Number of Lamps	Dimming range	Number of Lamps	Dimming range	Number of Lamps	Dimming range																			
ABB	STD 50-3		230/50Hz	60-500	L	1-20	98% - 15%	1-13	98% - 20%	1-8	97% - 23%	1-8	97% - 23%	1-8	97% - 23%	1-8	97% - 23%																			
Altenburger Electronic	50_30		230/50Hz	15-350	T	2-20	98% - 15%	2-20	97% - 12%	2-20	98% - 16%	2-20	98% - 16%	2-20	98% - 16%	2-20	98% - 16%																			
AUFORA	DSP 400		230/50Hz	400	L	1-10	97% - 1%	2-10	97% - 1%	1-4	96% - 1%	1-4	96% - 1%	1-4	96% - 1%	1-4	96% - 1%																			
Berker	2861		230/50Hz	50-420	U	1-20	98% - 27%	1-20	98% - 26%	1-20	97% - 27%	1-20	97% - 27%	1-20	97% - 27%	1-20	97% - 27%																			
Blicino	LANNT4411N		230/50Hz			1-15	98% - 1%	1-10	97% - 5%	1-6	94% - 7%	1-6	94% - 7%	1-6	94% - 7%	1-6	94% - 7%																			
Blicino	LANNT4408		230/50Hz			2-20	98% - 1%	2-9	98% - 1%	1-6	97% - 9%	1-6	97% - 9%	1-6	97% - 9%	1-6	97% - 9%																			
Blicino	NT4402N		230/50Hz	500	R	3-19	99% - 19%	2-12	97% - 19%	1-8	95% - 22%	1-8	95% - 22%	1-8	95% - 22%	1-8	95% - 22%																			
Busch-Jaeger	6513 U-102		230/50Hz	40-420	T	2-20	99% - 15%	2-20	98% - 17%	2-20	98% - 21%	2-20	98% - 21%	2-20	98% - 21%	2-20	98% - 21%																			
Busch-Jaeger	6523 U-102		230/50Hz	420	T	1-10	96% - 22%	1-10	97% - 26%																											
Busch-Jaeger	2250 U		230/50Hz	60-600	L	1-10	98% - 16%	2-14	98% - 16%	1-9	97% - 15%	1-9	97% - 15%	1-9	97% - 15%	1-9	97% - 15%																			
Busch-Jaeger	6526 U		230/50Hz			1-13	98% - 34%	1-10	97% - 35%	1-5		1-5		1-5		1-5																				
Busch-Jaeger	2247 U-500		230/50Hz			1-20	98% - 15%	1-13	98% - 20%	1-8	97% - 23%	1-8	97% - 23%	1-8	97% - 23%	1-8	97% - 23%																			
CENTURY CONTROL	MULTI DIMMER		230/50Hz	60-600	L	2-13	98% - 1%	1-10	98% - 5%	1-6	97% - 9%	1-6	97% - 9%	1-6	97% - 9%	1-6	97% - 9%																			
DINUY	RE EL1LE1		230/50Hz	400	LED	1-11	98% - 1%	1-10	98% - 1%	1-5	99% - 7%	1-5	99% - 7%	1-5	99% - 7%	1-5	99% - 7%																			
ELKO	400GLI		230/50Hz			1-10	98% - 1%	1-10	98% - 1%	1-4	97% - 1%	1-4	97% - 1%	1-4	97% - 1%	1-4	97% - 1%																			
ELKO	315GLE		230/50Hz	20-315	T	2-20	98% - 6%	1-20	98% - 7%	1-20	97% - 10%	1-20	97% - 10%	1-20	97% - 10%	1-20	97% - 10%																			
ELKO	600GLI		230/50Hz	40-600	U	1-20	98% - 1%	1-13	97% - 1%	1-8	96% - 1%	1-8	96% - 1%	1-8	96% - 1%	1-8	96% - 1%																			
ELKO	420GLEI		230/50Hz	40-420	U	1-14	98% - 1%	1-13	97% - 4%	1-10	97% - 19%	1-10	97% - 19%	1-10	97% - 19%	1-10	97% - 19%																			

Information about the OSRAM lamp type

Assessment of the results into categories. Includes the number of lamps and the related dimming range

## DIMMER KOMPATIBILITÄT MR11 + MR16

### BASISINFORMATIONEN:

#### 1. WAS IST DER PRODUKTCODE UND WO FINDE ICH IHN?

Der Produktcode beschreibt den Lampentyp. Er besteht aus sieben Buchstaben und Ziffern und beginnt mit einem "A". Nachfolgend ein Beispiel eines Produktcodes auf dem Aufdruck der Lampe.



220-240V **AC01770** 2700K  
13 W 50/60 Hz 27 mA  
Made in Germany XXX-XXXX

#### 2. WIE LESE ICH DIE FOLGENDEN TABELLEN?

Legende: Angaben zur Dimmbarkeit der Lampen. Grün bedeutet eine sehr gute Dimmbarkeit mit der angegebenen Lampenanzahl, gelb bedeutet eine eingeschränkte Dimmbarkeit, rot bedeutet, dass unerwünschtes dimmverhalten auftreten kann etc.






Liste der getesteten Dimmer

Legend					SUPERSTAR PAR16 35 36*				SUPERSTAR PAR16 50 36*				SUPERSTAR PAR16 80 36*				SUPERSTAR PAR16 80 120*			
Very good dimmability with indicated number of lamps (dimming range greater than 75%)																				
Limited dimmability with indicated number of lamps (dimming range smaller than 75%)																				
Undesired dimmability																				
Not relevant																				
Not tested																				
Dimmer					Number of Lamps		Dimming range		Number of Lamps		Dimming range		Number of Lamps		Dimming range		Number of Lamps		Dimming range	
Brand	Model	Voltage range	Power	Type	4052839330133AC01184		405283933017AC01187		4052839330218AB41905		4052839330232AB41906		405807503688WAC03048		405807503688WAC03051					
ABB	STD 50-3	230V50Hz	60-500	L	1-20	98% - 15%	1-13	98% - 20%	1-8	97% - 23%	1-8	97% - 23%	1-8	97% - 23%	1-8	97% - 23%				
Altenburger Electronic	50.30	230V50Hz	15-350	T	2-20	98% - 15%	2-20	97% - 12%	2-20	98% - 16%	2-20	98% - 16%	2-20	98% - 16%	2-20	98% - 16%				
ALUCORA	DSP 400	230V50Hz	400	L	1-10	98% - 15%	2-10	97% - 1%	1-4	96% - 1%	1-4	96% - 1%	1-4	96% - 1%	1-4	96% - 1%				
Berker	2861	230V50Hz	50-420	U	1-20	98% - 27%	1-20	98% - 26%	1-20	97% - 27%	1-20	97% - 27%	1-20	97% - 27%	1-20	97% - 27%				
Bticino	LNNT4411N	230V50Hz			1-15	98% - 1%	1-10	97% - 5%	1-6	94% - 7%	1-6	94% - 7%	1-6	94% - 7%	1-6	94% - 7%				
Bticino	LNNT4408	230V50Hz			2-20	98% - 1%	2-9	98% - 1%	1-6	97% - 9%	1-6	97% - 9%	1-6	97% - 9%	1-6	97% - 9%				
Bticino	NT4402N	230V50Hz	500	R	3-19	99% - 19%	2-12	97% - 19%	1-8	95% - 22%	1-8	95% - 22%	1-8	95% - 22%	1-8	95% - 22%				
Busch-Jaeger	6513 U-102	230V50Hz	40-420	T	2-20	99% - 15%	2-20	98% - 17%	2-20	98% - 21%	2-20	98% - 21%	2-20	98% - 21%	2-20	98% - 21%				
Busch-Jaeger	6523 U-102	230V50Hz	420	T	1-10	96% - 22%	1-10	97% - 26%												
Busch-Jaeger	2250 U	230V50Hz	60-600	L	1-10	98%	2-14	98% - 16%	1-9	97% - 15%	1-9	97% - 15%	1-9	97% - 15%	1-9	97% - 15%				
Busch-Jaeger	6526 U	230V50Hz			1-13	98% - 34%	1-10	97% - 35%	1-5		1-5		1-5		1-5					
Busch-Jaeger	2247 U-500	230V50Hz			1-20	98% - 15%	1-13	98% - 20%	1-8	97% - 23%	1-8	97% - 23%	1-8	97% - 23%	1-8	97% - 23%				
CENTURY CONTROL	MULTI DIMMER	230V50Hz	60-600	L	2-13	98% - 1%	1-10	98% - 5%	1-6	97% - 9%	1-6	97% - 9%	1-6	97% - 9%	1-6	97% - 9%				
DINUY	RE ELTLE1	230V50Hz	400	LED	1-11	98% - 1%	1-10	99% - 1%	1-5	99% - 7%	1-5	99% - 7%	1-5	99% - 7%	1-5	99% - 7%				
ELKO	400GLI	230V50Hz			1-10		1-10		1-4	97% - 1%	1-4	97% - 1%	1-4	97% - 1%	1-4	97% - 1%				
ELKO	316GLE	230V50Hz	20-315	T	2-20	98% - 6%	1-20	98% - 7%	1-20	97% - 10%	1-20	97% - 10%	1-20	97% - 10%	1-20	97% - 10%				
ELKO	600GLI	230V50Hz	40-600	U	1-20	98% - 1%	1-13	97% - 1%	1-8	96% - 1%	1-8	96% - 1%	1-8	96% - 1%	1-8	96% - 1%				
ELKO	420GLEI	230V50Hz	40-420	U	1-14	98% - 1%	1-13	97% - 4%	1-10	97% - 19%	1-10	97% - 19%	1-10	97% - 19%	1-10	97% - 19%				

Angaben zum OSRAM Lampentyp






Bewertung der Testergebnisse in Ampel Kategorien. Beinhaltet sowohl die Lampenanzahl als auch den dimmbaren Bereich

## DIMMER COMPATIBILITY MR11 + MR16

Legend					SUPERSTAR MR16 20	SUPERSTAR MR16 35	SUPERSTAR MR16 50	SUPERSTAR MR11 20	SUPERSTAR MR11 35			
Very good dimmability with indicated number of lamps (dimming range greater than 75%)												
Limited dimmability with indicated number of lamps (dimming range smaller than 75%)					EAN / Basic Code	EAN / Basic Code	EAN / Basic Code	EAN / Basic Code	EAN / Basic Code			
Undesired dimmability												
Not tested												
					4052899390034 / AC07570 4052899390058 / AC07572	4052899390072 / AC07573 4058075112643 / AC07573 4052899390096 / AC07575	4052899389991 / AC07576 4052899390119 / AC07578	4058075813472 / AC08767	4058075105218 / AC08770			
Dimmer					Dimming range 1 Lamp	Dimming range 4 Lamps	Dimming range 1 Lamp	Dimming range 4 Lamps	Dimming range 1 Lamp	Dimming range 4 Lamps	Dimming range 1 Lamp	Dimming range 4 Lamps
Brand	Model	Voltage range	Power	Type								
ABB	STD 50-3	230/50Hz	60-500	L					98-0%	99-0%	88-9%	100-0%
Altenburger	50,3	230/50Hz			99-33%	100-14%	79-22%	79-22%	79-29%	99-9%		99-31%
AURORA	DSP 400	230/50Hz	400	R	100-19%	100-12%	100-10%	99-11%	99-10%	99-7%		
Berker	2861	230/50Hz	50-420	U	100-0%	100-0%	100-0%	100-0%	97-0%		100-0%	100-25%
Bticino	L/N/NT4411N	230/50Hz			100-0%	100-0%	100-0%	99-0%	98-0%	96-2%	95-0%	100-0%
Bticino	L/N/NT4408	230/50Hz										99-0%
bticino	NT4402N	230/50Hz	500	R		100-36%			99-22%			99-32%
Busch-Jaeger	6523 U-102	230/50Hz	40-420	T	100-25%	100-20%	100-15%	99-16%	99-15%	99-13%	100-0%	100-23%
Busch-Jaeger	2250 U	230/50Hz	60-600	L							100-0%	75-0%
Busch-Jaeger	6526 U	230/50Hz			99-0%	100-0%			98-0%	99-0%	100-0%	100-0%
Busch-Jaeger	6513 U-102	230/50Hz	420	T		100-28%	100-30%	100-29%		99-18%	100-51%	99-41%
CENTURY CONTROL	MULTI DIMMER	230/50Hz	60-600	U		100-0%	93-0%	91-0%		99-0%	100-0%	100-0%
DINUY	RE EL1 LE1	230/50Hz	400	LED	100-0%	100-0%	100-0%	100-0%	99-0%	99-0%	100-0%	100-0%
ELKO	400GLU	230/50Hz			100-0%						74-0%	61-0%
ELKO	1000LRI	230/50Hz			100-0%	100-0%				99-0%	100-0%	100-0%
ELKO	315GLE	230/50Hz	20-315	T	100-26%	100-19%	100-15%	100-15%	99-17%	99-12%	100-0%	100-21%
ELKO	600GLE/I	230/50Hz			99-0%	99-0%	100-0%	99-0%	100-4%	99-2%	100-0%	100-0%
ELKO	600GLi	230/50Hz	40-600	U	99-0%	99-0%	100-5%	100-5%	99-7%	99-2%		
ELKO	420GLE/I	230/50Hz	40-420	U	99-44%	99-28%	100-25%	100-25%	99-26%	99-16%	100-0%	100-0%
ELKO	630GLE	230/50Hz	20-630	U	100-29%	99-21%	100-20%	99-20%	100-19%		100-0%	100-0%
Eltako	EUD61NPN-UC	230/50Hz	5-400	R / L / C	100-0%	100-0%	100-0%	100-0%	99-0%	99-0%	100-0%	100-0%
Feller	40200.LEDxxx	230/50Hz			100-0%	99-0%	100-0%	99-0%	99-0%	99-3%	100-0%	100-27%
Feller	31000	230/50Hz			100-0%	100-0%				99-0%	100-0%	100-0%
Feller	40600.RC	230/50Hz			100-29%	99-21%	100-20%	99-20%	100-19%		100-0%	100-0%
Feller	40600.RLC	230/50Hz	20-600	U	99-0%	99-0%	100-0%	99-0%	100-4%	99-2%	100-0%	100-0%
Feller	40600.RL	230/50Hz			99-0%	99-0%	100-5%	100-5%	99-7%	99-2%		100-0%
Feller	40420.RLC	230/50Hz			99-44%	99-28%	100-25%	100-25%	99-26%	99-16%	100-0%	100-0%
GIRA	226200	230/50Hz			100-0%	100-0%	100-0%				92-0%	76-0%
Gira	117600	230/50Hz	50-420	U	100-21%	100-14%	100-12%	99-14%	100-12%	99-10%	100-0%	100-26%
Gira	030700	230/50Hz	20-525	T	100-27%	100-25%	100-18%	100-17%	99-21%	99-15%	100-9%	100-43%
Gira	217400	230/50Hz	4X20-250	KNX-U	100-35%	100-26%	100-21%	100-22%	99-23%	99-18%	100-27%	100-27%






\*MR16 and MR11 versions tested with HTM 70 transformer

## DIMMER COMPATIBILITY MR11 + MR16

Legend					SUPERSTAR MR16 20	SUPERSTAR MR16 35	SUPERSTAR MR16 50	SUPERSTAR MR11 20	SUPERSTAR MR11 35				
Very good dimmability with indicated number of lamps (dimming range greater than 75%)													
Limited dimmability with indicated number of lamps (dimming range smaller than 75%)					EAN / Basic Code	EAN / Basic Code	EAN / Basic Code	EAN / Basic Code	EAN / Basic Code				
Undesired dimmability													
Not tested													
					4052899390034 / AC07570 4052899390058 / AC07572	4052899390072 / AC07573 4058075112643 / AC07573 4052899390096 / AC07575	4052899389991 / AC07576 4052899390119 / AC07578	4058075813472 / AC08767	4058075105218 / AC08770				
Dimmer					Dimming range 1 Lamp	Dimming range 4 Lamps	Dimming range 1 Lamp	Dimming range 4 Lamps	Dimming range 1 Lamp	Dimming range 4 Lamps	Dimming range 1 Lamp	Dimming range 4 Lamps	
Brand	Model	Voltage range	Power	Type									
Gira	238500	230/50Hz			99-0%	99-0%	100-0%	100-0%	99-2%	100-0%	100-0%	98-0%	100-0%
Hager	WUD87	230/50Hz	400	LED-U	99-38%	99-22%	100-20%	100-21%	99-7%	99-7%	100-0%	100-24%	100-44%
Hamilton	KP1X40	230/50Hz	400		99-0%				99-0%	99-0%	100-16%	88-0%	99-24%
Hugo Müller	paladin 872110 led	230/50Hz			100-0%	100-0%	100-0%	100-0%	99-0%	99-0%	100-0%	100-0%	100-0%
Jung	225 NVDE	230/50Hz	20-500	L	100-0%	100-0%	100-0%				92-0%	76-0%	
Jung	254 UDI1E1	230/50Hz			100-21%	100-14%	100-12%	99-14%	100-12%	99-10%	100-0%	100-26%	99-0%
Jung	225 TDE	230/50Hz			100-27%	100-25%	100-18%	100-17%	99-21%	99-15%	100-9%	100-43%	99-8%
Jung	3904 REGHE	230/50Hz			100-35%	100-26%	100-21%	100-22%	99-23%	99-18%	100-27%	100-27%	100-23%
Jung	1224 LEDUDE	230/50Hz		LED	99-0%	99-0%	100-0%	100-0%		99-2%	100-0%	100-0%	98-0%
Legrand	665114	230/50Hz	400	U	100-0%	100-0%	100-0%	99-0%	98-0%	96-2%	95-0%	100-0%	90-0%
Legrand	067083=048869=048	230/50Hz			100-0%	100-0%	100-0%	99-0%	98-0%	96-2%	95-0%	100-0%	90-0%
Legrand	078405	230/50Hz	600	RL									99-0%
Legrand	770061	230/50Hz	400	RL	99-0%	99-0%	100-7%	100-7%	100-0%	99-11%		100-0%	
Legrand	099314	230/50Hz	300	RL	99-0%	100-0%	100-5%	100-6%					
Legrand	770062	230/50Hz	400	RLC	99-0%	100-0%	99-0%	99-0%	94-0%		100-0%	100-0%	100-0%
MASTER	DM-2500	230/50Hz	2500	U / LED	100-0%	100-0%	100-0%	100-0%	99-0%	99-0%	100-0%		99-0%
MASTER	DM-DGL	230/50Hz	1000	U / LED					99-0%	99-0%	100-0%	100-0%	100-0%
Merten	MEG5134-0000	230/50Hz			100-0%	99-0%	100-0%	99-0%	99-0%	99-3%	100-0%	100-27%	99-26%
Merten	MEG 5135	230/50Hz	60-1000	L	100-0%	100-0%				99-0%	100-0%	100-0%	100-0%
Merten	MEG 5140	230/50Hz	9-100	L							58-0%	100-0%	99-0%
Merten	MEG5136-0000	230/50Hz			100-26%	100-19%	100-15%	100-15%	99-17%	99-12%	100-0%	100-21%	99-0%
Merten	MEG5137-0000	230/50Hz			100-29%	99-21%	100-20%	99-20%	100-19%		100-0%	100-0%	99-0%
Merten	MEG5139-0000	230/50Hz			99-0%	99-0%	100-0%	99-0%	100-4%	99-2%	100-0%	100-0%	99-0%
Merten	MEG5133-0000	230/50Hz			99-0%	99-0%	100-5%	100-5%	99-7%	99-2%		100-0%	100-0%
Merten	MEG 5131	230/50Hz	40-400	L	99-0%	99-0%	83-0%	84-0%	82-0%	99-7%		100-0%	99-0%
Merten	MEG 5132	230/50Hz			99-0%	99-0%	83-0%	84-0%	82-0%	99-7%		100-0%	99-0%
Merten	MEG5138-0000	230/50Hz			99-44%	99-28%	100-25%	100-25%	99-26%	99-16%	100-0%	100-0%	99-0%
Merten	MEG 5170-0300	230/50Hz	10-200	U			100-48%	100-47%	99-46%	99-39%	100-6%		99-0%
MK	K4501	230/50Hz	180	L						99-2%	100-0%	100-0%	93-0%
NEXUS	881P-01	230/50Hz	400	L	100-0%	100-0%							100-0%

\*MR16 and MR11 versions tested with HTM 70 transformer

## DIMMER COMPATIBILITY MR11 + MR16

Legend						SUPERSTAR MR16 20		SUPERSTAR MR16 35		SUPERSTAR MR16 50		SUPERSTAR MR11 20		SUPERSTAR MR11 35	
Very good dimmability with indicated number of lamps (dimming range greater than 75%)															
Limited dimmability with indicated number of lamps (dimming range smaller than 75%)						EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code	
Undesired dimmability						4052899390034 / AC07570 4052899390058 / AC07572		4052899390072 / AC07573 4058075112643 / AC07573 4052899390096 / AC07575		4052899389991 / AC07576 4052899390119 / AC07578		4058075813472 / AC08767		4058075105218 / AC08770	
Not tested						Dimming range 1 Lamp 4 Lamps		Dimming range 1 Lamp 4 Lamps		Dimming range 1 Lamp 4 Lamps		Dimming range 1 Lamp 4 Lamps		Dimming range 1 Lamp 4 Lamps	
Brand	Model	Voltage range	Power	Type	Dimmer	Dimming range 1 Lamp 4 Lamps	Dimming range 1 Lamp 4 Lamps	Dimming range 1 Lamp 4 Lamps	Dimming range 1 Lamp 4 Lamps	Dimming range 1 Lamp 4 Lamps	Dimming range 1 Lamp 4 Lamps	Dimming range 1 Lamp 4 Lamps	Dimming range 1 Lamp 4 Lamps	Dimming range 1 Lamp 4 Lamps	
NIKO	310-01900	230/50Hz	5-200	U		100-0%	100-0%	100-0%	100-0%	99-0%	99-0%	100-0%	100-0%	100-0%	
NIKO	330-00700	230/50Hz	5-200	U		100-0%	100-0%	100-7%	100-7%	99-6%	99-4%	100-5%	100-10%	100-0%	100-8%
Odace	S520512	230/50Hz				100-0%	99-0%	100-0%	99-0%	99-0%	99-3%	100-0%	100-27%	99-0%	99-26%
Odace	S520518	230/50Hz										58-0%	100-0%		99-0%
Odace	S520511	230/50Hz				99-0%	99-0%	100-5%	100-5%	99-7%	99-2%		100-0%		100-0%
Odace	S520515	230/50Hz				99-44%	99-28%	100-25%	100-25%	99-26%	99-16%	100-0%	100-0%	99-0%	100-10%
Osram	HTi DALI 315 DIM	230/50Hz	20-315	DALI-T		100-28%	100-25%	100-20%	99-20%	100-18%	99-11%	100-0%	100-15%	99-0%	99-13%
PEHA	435 HAN	230/50Hz	60-600	L		99-0%		65-0%	83-0%		99-0%	69-10%	100-0%	54-0%	97-5%
Schneider	400GLI	230/50Hz	40-400	T		100-0%						74-0%		61-0%	
Schneider	SBD200LED	230/50Hz	400			100-0%	99-0%	100-0%	99-0%	99-0%	99-3%	100-0%	100-27%	99-0%	99-26%
Schneider	ATTD1000RL	230/50Hz				100-0%	100-0%				99-0%	100-0%	100-0%	100-0%	99-0%
Schneider	SBDSP	230/50Hz										58-0%	100-0%		99-0%
Schneider	SBD315RC	230/50Hz				100-26%	100-19%	100-15%	100-15%	99-17%	99-12%	100-0%	100-21%	99-0%	99-22%
Schneider	SBD630RC	230/50Hz				100-29%	99-21%	100-20%	99-20%	100-19%		100-0%	100-0%	99-0%	100-0%
Schneider	SBD600RCRL	230/50Hz				99-0%	99-0%	100-0%	99-0%	100-4%	99-2%	100-0%	100-0%	99-0%	99-0%
Schneider	SBD600RL	230/50Hz				99-0%	99-0%	100-5%	100-5%	99-7%	99-2%		100-0%		100-0%
Schneider	SBD400RL	230/50Hz				99-0%	99-0%	83-0%	84-0%	82-0%	99-7%		100-0%	99-0%	99-0%
Schneider	SBD420RCRL	230/50Hz				99-44%	99-28%	100-25%	100-25%	99-26%	99-16%	100-0%	100-0%	99-0%	100-10%
Schneider	5170	230/50Hz						100-48%	100-47%	99-46%	99-39%	100-6%	100-28%	99-0%	100-25%
Shuttle	SDIM-T-LED-500W	230/50Hz	2-500	T & LED-T		100-0%	100-0%	100-0%	99-0%	99-0%	99-0%			99-0%	99-0%
Siemens	5WG1-528-1AB31	230/50Hz	20-500	KNX-U		100-0%	100-0%	100-0%	100-0%	99-0%	99-0%	100-0%	96-0%	100-0%	100-0%
Siemens	5TC8 284	230/50Hz	20-525	T			100-22%	100-16%	99-16%	99-25%	99-12%	100-37%	100-20%	99-21%	
VADSBO	LD 220	230/50Hz	1-200	U		100-0%	100-0%	100-0%	99-0%		99-43%	100-49%		99-42%	
VARILIGHT	HQ3W	230/50Hz	400			99-0%		100-0%	100-0%	99-0%		96-0%	100-19%		99-17%
VARILIGHT	JQP401W	230/50Hz	400	T		99-0%	100-0%	88-0%	90-0%	87-0%		95-0%		82-0%	99-0%
Vimar	20135	230/50Hz	3 - 100	U		100-0%	100-0%	100-5%	100-5%	99-4%	99-11%	100-0%	100-0%	100-0%	100-0%
ZANO	WH251	230/50Hz	250							99-12%	97-8%	96-0%	100-0%	78-0%	99-0%
ZANO	Z GRID 700	230/50Hz	250	LED		100-0%	100-0%	100-0%	100-0%			98-0%	98-0%	87-0%	99-0%
ZANO	Z GRID 500	230/50Hz	500			100-0%	100-0%								100-0%
ZANO	WH401	230/50Hz	400	L		99-0%	99-0%	100-0%	100-0%	98-0%					99-0%

\*MR16 and MR11 versions tested with HTM 70 transformer

**Please Note:**

- The compatibility 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 achieved by using the devices under other conditions, or when using successor models of the tested devices, or different models of the same manufacturer, 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 requires the neutral wire for installation.

**Bitte beachten:**

- Die Kompatibilitätsliste basiert auf Tests, die der Hersteller in einer im Labor simulierten Umgebung durchgeführt hat. Die Ergebnisse können aufgrund verschiedener Faktoren in manchen Praxisanwendungen abweichen. OSRAM übernimmt keinerlei Verantwortung, Garantie oder Haftung dafür, dass diese Ergebnisse tatsächlich mit den Geräten unter anderen Bedingungen, mit Nachfolgemodellen der getesteten Geräte, mit anderen Modellen desselben Herstellers oder bei Verwendung anderer LED-Lampentypen erreicht werden.
- Das Fehlen eines Dimmers in der Abbildung bedeutet nicht, dass ein Dimmer nicht kompatibel ist.
- Lesen Sie stets die Installationsanweisungen des Dimmerherstellers.
- LED-Lampen bestehen aus mehreren elektronischen Komponenten. Unter ungünstigen Bedingungen können diese Störgeräusche erzeugen. Im Resonanzfall können selbst geringe Geräusche einen hörbaren Effekt hervorrufen. Einflussfaktoren können die Installation, die Gestaltung des Lampenträgers, die Leuchte (akustischer Resonanzeffekt), der Dimmer oder der Trafo (Oberschwingungen oder elektronische Resonanz) sein.
- Änderungen vorbehalten.
- Irrtümer und Auslassungen vorbehalten.
- Vergewissern Sie sich, dass Sie stets die aktuellste Version benutzen.

**Anwendungshinweis:**

- Um bestmögliche Dimmergebnisse zu erzielen, wird die Verwendung von Phasenabschnitt-Dimmern empfohlen.
- Phasenabschnitt-Dimmer erfordern bei der Installation einen Neutralleiter.

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