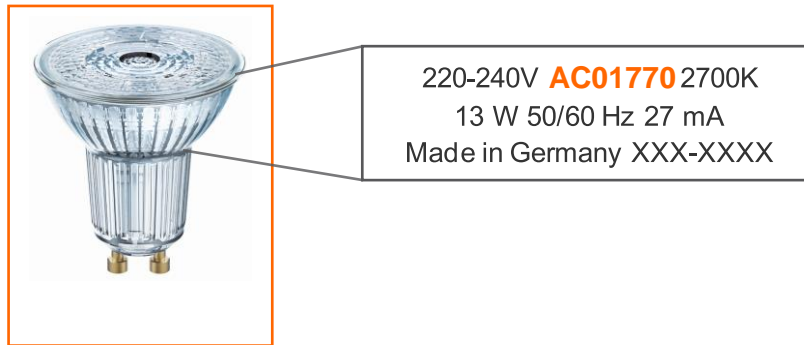


DIMMER COMPATIBILITY MR11 + MR16

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:



2. HOW CAN I READ THE FOLLOWING CHARTS?

Legend:
Information about the dimmability of the lamps. Green means 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*			
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 tested																					
EAN/Basic Code						4058075433676 / AC16509				405807512544 / AC16512				4058075433663 / AC24603				4058075433687 / AC24609			
Brand						4052899390133 / AC16509				4052899390171 / AC16512				4058075433564 / AC24603				4058075433526 / AC24609			
Model						4058075458086 / AC16509				4052899390195 / AC16514				4058075453661 / AC24605				4058075433700 / AC24611			
Voltage range						4058075433690 / AC16511				4058075433713 / AC16514				4058075433540 / AC24605				4058075433602 / AC24611			
Power						4052899390157 / AC16511															
Type																					
Dimmer						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	99-2%	1-18	97-1%	85-0%	87-0%	85-0%	87-0%	85-0%	87-0%	85-0%	87-0%	85-0%	87-0%	85-0%	87-0%	
Altenburger	50_3	230/50Hz		L	1-3	99-0%	1-20	98-0%	92-0%	92-0%	92-0%	92-0%	92-0%	92-0%	92-0%	92-0%	92-0%	92-0%	92-0%	92-0%	
AURORA	DSP 400	230/50Hz	400	L	1-11	99-0%	1-10	95-0%	89-0%	89-0%	89-0%	89-0%	89-0%	89-0%	89-0%	89-0%	89-0%	89-0%	89-0%	89-0%	
Berker	2861	230/50Hz	50-420	U	1-10	99-0%	1-20	97-0%	88-0%	88-0%	88-0%	88-0%	88-0%	88-0%	88-0%	88-0%	88-0%	88-0%	88-0%	88-0%	
Bticino	L/N/NT4411N	230/50Hz		U	1-9	100-0%	1-14	97-0%	93-0%	92-0%	93-0%	92-0%	93-0%	92-0%	93-0%	92-0%	93-0%	92-0%	93-0%	92-0%	
Busch-Jaeger	6513 U-102	230/50Hz	420	T	1-20	100-0%	1-20	97-3%													
Busch-Jaeger	6523 U-102	230/50Hz	40-420	T	1-4	100-9%	1-7	97-6%	94-3%	93-3%	94-3%	93-3%	94-3%	93-3%	94-3%	93-3%	94-3%	93-3%	94-3%	93-3%	
Busch-Jaeger	6526 U	230/50Hz		U	1-20	99-20%	1-16	98-24%													
CENTURY CONTROL	MULTI DIMMER	230/50Hz	60-600	U	1-4	99-0%	1-9	97-0%	90-0%	90-0%	90-0%	90-0%	90-0%	90-0%	90-0%	90-0%	90-0%	90-0%	90-0%	90-0%	
Domintell	DimMax 420 SL	230/50Hz	200	L/T	1-16	100-0%	1-13	97-0%	92-0%	91-0%	92-0%	91-0%	92-0%	91-0%	92-0%	91-0%	92-0%	91-0%	92-0%	91-0%	
ELKO	400GL	230/50Hz		U	1-11	100-0%	1-12	97-0%	92-3%	90-0%	92-3%	90-0%	92-3%	90-0%	92-3%	90-0%	92-3%	90-0%	92-3%	90-0%	
ELKO	315GLE	230/50Hz	20-315	T	1-20	100-0%	1-20	98-0%	91-3%	90-0%	91-3%	90-0%	91-3%	90-0%	91-3%	90-0%	91-3%	90-0%	91-3%	90-0%	
ELKO	600GLE/I	230/50Hz		U	1-11	99-1%	1-13	98-5%	91-0%	91-0%	91-0%	91-0%	91-0%	91-0%	91-0%	91-0%	91-0%	91-0%	91-0%	91-0%	
ELKO	600GL	230/50Hz	40-600	U	1-20	99-0%	1-20	98-0%	91-2%	91-2%	91-2%	91-2%	91-2%	91-2%	91-2%	91-2%	91-2%	91-2%	91-2%	91-2%	

Information about the 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 gute Dimmbarkeit mit der angegebenen Lampenanzahl, gelb bedeutet eine eingeschränkte Dimmbarkeit, rot bedeutet, dass unerwünschtes Dimmverhalten auftreten kann etc.

Liste der getesteten Dimmer

Legend	
	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 tested






Dimmer					
Brand	Model	Voltage range	Power	Type	
ABB	STD 50-3	230/50Hz	60-500	L	
Altenburger	50,3	230/50Hz			
AURORA	DSP 400	230/50Hz	400	L	
Berker	2861	230/50Hz	50-420	U	
Bticino	L/N/NT4411N	230/50Hz			
Busch-Jaeger	6513 U-102	230/50Hz	420	T	
Busch-Jaeger	6523 U-102	230/50Hz	40-420	T	
Busch-Jaeger	6526 U	230/50Hz			
CENTURY CONTROL	MULTI DIMMER	230/50Hz	60-600	U	
Domintell	DimMax 420 SL	230/50Hz	200	L/T	
ELKO	400GU	230/50Hz			
ELKO	315GLE	230/50Hz	20-315	T	
ELKO	600GLE/I	230/50Hz			
ELKO	600GU	230/50Hz	40-600	U	

SUPERSTAR PAR16 35 36°		SUPERSTAR PAR16 50 36°		SUPERSTAR PAR16 80 36°		SUPERSTAR PAR16 80 120°	
	EAN/Basic Code		EAN/Basic Code		EAN/Basic Code		EAN/Basic Code
4058075433676 / AC16509 4052899390153 / AC16509 4058075458086 / AC16509 4058075431690 / AC16511 4052899390157 / AC16511		405807512544 / AC16512 4052899390171 / AC16512 4058075433564 / AC16514 4058075431713 / AC16514		4058075433663 / AC24603 4058075433564 / AC24603 4058075433661 / AC24605 4058075433540 / AC24605		4058075433687 / AC24609 4058075433526 / AC24609 4058075433700 / AC24611 4058075433502 / AC24611	
Number of Lamps	Dimming range	Number of Lamps	Dimming range	Number of Lamps	Dimming range	Number of Lamps	Dimming range
1-20	99-2%	1-18	97-1%	85-0%	87-0%	85-0%	87-0%
1-3	99-0%	1-20	98-0%	92-0%	92-0%	92-0%	92-0%
1-11	99-0%	1-10	95-0%	89-0%	89-0%	89-0%	89-0%
1-10	99-0%	1-20	97-0%	88-0%	88-0%	88-0%	88-0%
1-9	100-0%	1-14	97-0%	93-0%	92-0%	93-0%	92-0%
1-20	100-0%	1-20	97-3%				
1-4	100-9%	1-7	97-6%	94-3%	93-3%	94-3%	93-3%
1-20	99-20%	1-16	98-24%				
1-4	99-0%	1-9	97-0%	90-0%	90-0%	90-0%	90-0%
1-16	100-0%	1-13	97-0%	92-0%	91-0%	92-0%	91-0%
1-11	100-0%	1-12	97-0%	92-3%	90-0%	92-3%	90-0%
1-20	100-0%	1-20	98-0%	91-3%	90-0%	91-3%	90-0%
1-11	99-1%	1-13	98-5%	91-0%	91-0%	91-0%	91-0%
1-20	99-0%	1-20	98-0%	91-2%	91-2%	91-2%	91-2%

Angaben zum Lampentyp






Bewertung der Testergebnisse im Ampelsystem. 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	
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														
					4058075431591 / AC23622 4058075431799 / AC23622		4058075112643 / AC23625 4058075431515 / AC23625 4058075431454 / AC23627 4058075431836 / AC23627		40580754333649 / AC24591 4058075433724 / AC24591 4058075433625 / AC24593 4058075433748 / AC24593		4058075433083 / AC17359 4058075264021 / AC17359		4058075433229 / AC24561 4058075433205 / AC24561	
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	Dimming range 1 Lamp	Dimming range 4 Lamps
Brand	Model	Voltage range	Power	Type										
ABB	STD 50-3	230/50Hz	60-500	L	76-5%	100-14%		100-8%	97-0%	97-0%	74-17%	58-0%	75-0%	99-0%
Altenburger	50,3	230/50Hz			100-1%	100-20%	71-1%	100-12%	97-9%	97-9%	96-0%	99-0%	99-14%	
AURORA	DSP400	230/50Hz	400	T		90-3%			92-0%		70-0%	100-0%		
Berker	2861	230/50Hz	50-420	U	98-0%	100-26%	75-0%	100-16%	96-6%	96-6%	92-0%	99-18%	100-0%	100-17%
Bticino	L/N/NT4411N	230/50Hz			100-3%	100-6%		100-8%	92-0%	92-0%	90-0%	100-0%	90-0%	100-0%
Bticino	L/N/NT4408	230/50Hz			82-21%	100-21%		100-14%						
bticino	NT4402N	230/50Hz	500	R		100-41%		100-31%				100-34%		100-30%
Busch-Jaeger	6513 U-102	230/50Hz	420		100-12%	100-34%	78-8%	98-22%	97-13%	97-13%	54-0%	100-32%	100-38%	99-39%
Busch-Jaeger	6523 U-102	230/50Hz	40-420		95-5%	100-19%	67-3%	100-11%	96-9%	96-9%	79-0%	100-15%	99-0%	99-0%
Busch-Jaeger	2250 U	230/50Hz	60-600	L	85-1%		56-1%	100-1%			82-0%	99-0%	82-0%	
Busch-Jaeger	6526 U	230/50Hz							90-2%	90-2%	99-0%	100-0%		
CENTURY CONTROL	MULTI DIMMER	230/50Hz	60-600	U	100-0%	100-0%	78-0%	99-0%	96-1%	96-1%	64-0%	99-0%	100-0%	100-0%
DimMax	420SL	230/50Hz	200	L/T					97-1%	97-1%	99-0%	99-0%		
DINUY	RE EL1 LE1	230/50Hz	400	LED	100-0%	100-1%	80-0%	100-1%	97-0%	97-0%	99-0%	100-0%	100-0%	100-0%
Domintell	DimMax 420 SL	230/50Hz	200	L/T					97-1%	97-1%	99-0%	99-0%		
ELKO	400GLI	230/50Hz			71-7%				69-0%	69-0%	62-0%	75-0%	76-0%	
ELKO	315GLE	230/50Hz	20-315	T	100-6%	100-22%	76-4%	100-14%	96-1%	96-1%	55-0%	100-0%	100-0%	100-15%
ELKO	600GLE/I	230/50Hz			100-8%	100-8%	72-5%	100-5%	96-2%	96-2%	99-0%	100-7%	100-0%	99-0%
ELKO	600GLI	230/50Hz	40-600	U	100-35%	100-29%	78-22%	99-18%	96-3%	96-3%	97-0%	100-0%	88-0%	97-0%
ELKO	420GLE/I	230/50Hz	40-420	U		100-21%		99-13%	98-0%	98-0%		99-0%		99-16%
ELKO	1000LRI	230/50Hz				100-0%		99-0%			99-0%	100-0%	100-0%	100-0%
ELKO	630GLE	230/50Hz	20-630	U	100-0%	100-18%	72-1%	99-12%	97-7%	97-7%		99-20%		
Eltako	EUD61NPN-UC	230/50Hz	5-400	R / L / C	100-22%	100-42%	82-13%	100-27%	96-4%	96-4%		100-0%	100-31%	
Feller	40200.LEDxxx	230/50Hz							96-3%	96-3%		100-8%	100-0%	
Feller	40600 RLC	230/50Hz	20-600	U	100-8%	100-8%	72-5%	100-5%	96-2%	96-2%	99-0%	100-7%	100-0%	99-0%
Feller	40600.RC	230/50Hz			100-0%	100-18%	72-1%	99-12%	97-7%	97-7%		99-20%		






*MR11 and MR16 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	
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					4058075431591 / AC23622 4058075431799 / AC23622		4058075112643 / AC23625 4058075431515 / AC23625 4058075431454 / AC23627 4058075431836 / AC23627		4058075433649 / AC24591 4058075433724 / AC24591 4058075433625 / AC24593 4058075433748 / AC24593		4058075433083 / AC17359 4058075264021 / AC17359		4058075433229 / AC24561 4058075433205 / AC24561	
Not tested														
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	Dimming range 1 Lamp	Dimming range 4 Lamps
Brand	Model	Voltage range	Power	Type										
Feller	40600.RL	230/50Hz			100-35%	100-29%	78-22%	99-18%	96-3%	96-3%	97-0%	100-0%	88-0%	97-0%
Feller	40420.RLC	230/50Hz				100-21%		99-13%	98-0%	98-0%		99-0%		99-16%
Feller	31000	230/50Hz				100-0%		99-0%			99-0%	100-0%	100-0%	100-0%
Gira	226200	230/50Hz			85-2%		56-1%	99-12%	100-2%		73-0%	100-0%	81-0%	99-0%
Gira	030700	230/50Hz	20-525	T	100-12%	100-31%	69-8%	100-19%	97-11%	97-11%	92-0%	100-15%	100-0%	99-23%
Gira	117600	230/50Hz	50-420	U	90-0%	100-26%	75-0%	100-16%	96-7%	96-7%		100-0%	100-0%	99-17%
Gira	238500	230/50Hz							100-1%	100-1%	52-0%	100-0%	99-0%	99-0%
Gira	217400	230/50Hz	4X20-250	KNX-U	100-25%	100-16%	78-0%	100-16%	92-11%	92-11%	99-0%	100-0%		
Hager	WUD87	230/50Hz	400	LED-U	100-0%	100-19%	62-1%	100-12%	96-1%	96-1%	83-0%	99-0%		
Hamilton	KP1X40	230/50Hz	400		95-22%	100-8%		100-5%				99-0%		
Hugo Müller	paladin 872110 led	230/50Hz			100-0%	100-1%	80-0%	100-1%	97-0%	97-0%	99-0%	100-0%	100-0%	100-0%
Jung	225 NVDE	230/50Hz	20-500		85-2%		56-1%	99-12%	100-2%		73-0%	100-0%	81-0%	99-0%
Jung	225 TDE	230/50Hz			100-12%	100-31%	69-8%	100-19%	97-11%	97-11%	92-0%	100-15%	100-0%	99-23%
Jung	254 UDIE1	230/50Hz			90-0%	100-26%	75-0%	100-16%	96-7%	96-7%		100-0%	100-0%	99-17%
Jung	1224 LEDUCE	230/50Hz	3-100						100-1%	100-1%	52-0%	100-0%	99-0%	99-0%
Jung	3904 REGHE	230/50Hz			100-25%	100-16%	78-0%	100-16%	92-11%	92-11%	99-0%	100-0%		
Legrand	665114	230/50Hz	400	U	100-3%	100-6%		100-8%	92-0%	92-0%	90-0%	100-0%	90-0%	100-0%
Legrand	574319/574339	230/50Hz	400	U	100-3%	100-6%		100-8%	92-0%	92-0%	90-0%	100-0%	90-0%	100-0%
Legrand	572239/572739	230/50Hz	400	U	100-3%	100-6%		100-8%	92-0%	92-0%	90-0%	100-0%	90-0%	100-0%
Legrand	078407/079207	230/50Hz	400	U	100-3%	100-6%		100-8%	92-0%	92-0%	90-0%	100-0%	90-0%	100-0%
Legrand	048869/048871	230/50Hz	400	U	100-3%	100-6%		100-8%	92-0%	92-0%	90-0%	100-0%	90-0%	100-0%
Legrand	067083/048869	230/50Hz	400	U	100-3%	100-6%		100-8%	92-0%	92-0%	90-0%	100-0%	90-0%	100-0%
Legrand	099314	230/50Hz	300	RL		100-14%		100-10%	97-2%		99-0%	100-0%		
Legrand	770062	230/50Hz	400	RLC	100-1%	100-3%	69-0%	97-2%	97-1%	97-1%	91-0%	100-0%		
Legrand	078405	230/50Hz	600	RL	82-21%	100-21%		100-14%						
Legrand	770061	230/50Hz				100-21%								






*MR11 and MR16 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	
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					4058075431591 / AC23622 4058075431799 / AC23622		4058075112643 / AC23625 4058075431515 / AC23625 4058075431454 / AC23627 4058075431836 / AC23627		4058075433649 / AC24591 4058075433724 / AC24591 4058075433625 / AC24593 4058075433748 / AC24593		4058075433083 / AC17359 4058075264021 / AC17359		4058075433229 / AC24561 4058075433205 / AC24561	
Not tested														
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	Dimming range 1 Lamp	Dimming range 4 Lamps
Brand	Model	Voltage range	Power	Type										
MASTER	DM-DGL	230/50Hz	1000	U / LED	100-1%	100-1%	76-0%	99-0%				100-0%		
MASTER	DM-2500	230/50Hz	2500	U / LED		100-0%		99-0%	96-0%	96-0%	99-0%	100-0%		
Merten	MEG5136-0000	230/50Hz			100-6%	100-22%	76-4%	100-14%	96-1%	96-1%	55-0%	100-0%	100-15%	
Merten	MEG5134-0000	230/50Hz							96-3%	96-3%		100-8%	100-0%	
Merten	MEG5139-0000	230/50Hz			100-8%	100-8%	72-5%	100-5%	96-2%	96-2%	99-0%	100-7%	100-0%	99-0%
Merten	MEG5137-0000	230/50Hz			100-0%	100-18%	72-1%	99-12%	97-7%	97-7%		99-20%		
Merten	MEG5133-0000	230/50Hz			100-35%	100-29%	78-22%	99-18%	96-3%	96-3%	97-0%	100-0%	88-0%	97-0%
Merten	MEG5138-0000	230/50Hz				100-21%		99-13%	98-0%	98-0%		99-0%		99-16%
Merten	MEG 5170-0300	230/50Hz	10-200	U		100-19%		100-11%	95-4%	95-4%		81-0%		88-25%
Merten	MEG 5131	230/50Hz	40-400	L	100-29%	100-31%	82-14%	100-14%	96-1%	96-1%	97-0%	99-0%	99-0%	99-0%
Merten	MEG 5132	230/50Hz			100-29%	100-31%	82-14%	100-14%	96-1%	96-1%	97-0%	99-0%	99-0%	99-0%
Merten	MEG 5140	230/50Hz	9-100	L	100-16%	100-5%	78-10%	99-21%	71-2%	71-2%		100-0%		99-0%
Merten	MEG 5135	230/50Hz	60-1000	L		100-0%		99-0%			99-0%	100-0%	100-0%	100-0%
MK	K4501	230/50Hz	180	L	100-21%	100-12%	80-13%	100-8%	97-3%	97-3%		100-0%	100-0%	100-0%
NEXUS	881P-01	230/50Hz	400	L			64-1%		92-1%		79-0%	100-0%		
NIKO	310-0190001901	230/50Hz	5-200	U	100-0%	100-3%	82-0%	100-2%	97-1%	97-1%	99-0%	100-0%	100-0%	100-0%
NIKO	330-0070000701	230/50Hz	5-200	U	100-9%	100-26%	82-7%	100-16%	97-0%	97-0%	99-0%	100-0%	100-8%	
Odace	S520512	230/50Hz							96-3%	96-3%		100-8%	100-0%	
Odace	S520511	230/50Hz			100-35%	100-29%	78-22%	99-18%	96-3%	96-3%	97-0%	100-0%	88-0%	97-0%
Odace	S520515	230/50Hz				100-21%		99-13%	98-0%	98-0%		99-0%		99-16%
Odace	S520518	230/50Hz			100-16%	100-5%	78-10%	99-21%	71-2%	71-2%		100-0%		99-0%
Osram	HTI DALI 315 DIM	230/50Hz	20-315	DALI-T	100-5%	100-16%	82-3%	100-10%	96-4%	96-4%	98-0%	100-0%	99-0%	99-9%
PEHA	435 HAN	230/50Hz	60-600	L	68-1%		69-1%		96-0%	96-0%		73-0%	59-0%	100-0%
Schneider	400GLI	230/50Hz	40-400	T	71-7%				69-0%	69-0%	62-0%	75-0%	76-0%	
Schneider	SBD315RC	230/50Hz			100-6%	100-22%	76-4%	100-14%	96-1%	96-1%	55-0%	100-0%	100-0%	100-15%
Schneider	SBD200LED	230/50Hz	400						96-3%	96-3%		100-8%	100-0%	

*MR11 and MR16 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	
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														
					4058075431591 / AC23622 4058075431799 / AC23622		4058075112643 / AC23625 4058075431515 / AC23625 4058075431454 / AC23627 4058075431836 / AC23627		40580754333649 / AC24591 4058075433724 / AC24591 4058075433625 / AC24593 4058075433748 / AC24593		4058075433083 / AC17359 4058075264021 / AC17359		4058075433229 / AC24561 4058075433205 / AC24561	
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	Dimming range 1 Lamp	Dimming range 4 Lamps
Brand	Model	Voltage range	Power	Type										
Schneider	SBD600RCRL	230/50Hz			100-8%	100-8%	72-5%	100-5%	96-2%	96-2%	99-0%	100-7%	100-0%	99-0%
Schneider	SBD630RC	230/50Hz			100-0%	100-18%	72-1%	99-12%	97-7%	97-7%		99-20%		
Schneider	SBD600RL	230/50Hz			100-35%	100-29%	78-22%	99-18%	96-3%	96-3%	97-0%	100-0%	88-0%	97-0%
Schneider	SBD420RCRL	230/50Hz				100-21%		99-13%	98-0%	98-0%		99-0%		99-16%
Schneider	5170	230/50Hz				100-19%		100-11%	95-4%	95-4%		81-0%		88-25%
Schneider	SBD400RL	230/50Hz			100-29%	100-31%	82-14%	100-14%	96-1%	96-1%	97-0%	99-0%	99-0%	99-0%
Schneider	SBDSPL	230/50Hz			100-16%	100-5%	78-10%	99-21%	71-2%	71-2%		100-0%		99-0%
Schneider	ATTD1000RL	230/50Hz				100-0%		99-0%			99-0%	100-0%	100-0%	100-0%
Shuttle	SDIM-T-LED-500W	230/50Hz	2-500	T & LED-T	100-0%	100-7%	78-3%	100-3%	96-1%	96-1%	99-0%	99-0%	100-0%	100-0%
Siemens	5TC8 284	230/50Hz	20-525	T	100-5%	100-23%	67-3%	99-14%	96-10%	96-10%	94-0%	100-21%	95-19%	99-0%
Siemens	5WG1-527-1AB31	230/50Hz	20-500	KNX-U	100-0%	100-0%	82-0%	100-0%	98-1%	98-1%	99-0%	100-0%		
VADSBO	LD 220	230/50Hz	1-200	U	100-0%	100-0%	79-3%	100-0%	97-3%	97-3%	99-0%	99-0%		
VARILIGHT	HQ3W	230/50Hz	400				62-9%		97-1%	97-1%	91-0%	100-0%	84-0%	99-0%
VARILIGHT	JQP401W	230/50Hz	400	T		100-0%		99-6%	97-0%	97-0%	81-0%	100-0%	86-19%	
Vimar	20135	230/50Hz	3 - 100	U	100-16%	100-37%	80-10%	100-24%	96-3%	96-3%	99-0%	100-0%		100-22%
ZANO	WH401	230/50Hz	400	L	95-18%				92-1%		79-0%	100-0%		99-0%
ZANO	WH251	230/50Hz	250			100-0%			95-2%	95-2%	78-0%	100-0%	81-0%	99-0%
ZANO	Z GRID 700	230/50Hz	250	LED	82-0%	100-0%	52-0%	100-0%					90-0%	
ZANO	Z GRID 500	230/50Hz	500		90-0%		57-1%	100-0%	96-1%	96-1%	86-0%	100-0%		99-0%

*MR11 and MR16 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. LEDVANCE 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, 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 (harmonic 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.

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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. LEDVANCE 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 Dimmerergebnisse zu erzielen, wird die Verwendung von Phasenabschnitt-Dimmern empfohlen.
- Phasenabschnitt-Dimmer erfordern bei der Installation einen Neutralleiter.