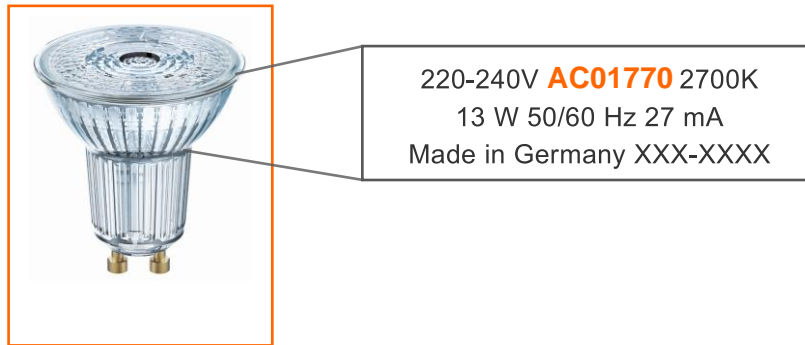


DIMMER COMPATIBILITY MR11 + MR16

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						PARATHOM PRO PAR16 50 36°		PARATHOM PRO PAR16 80 36°		PARATHOM DIM PAR16 80 36°		PARATHOM DIM PAR16 80 60°	
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	
Undesired dimmability						4058075448728 / AC24597		4058075449107 / AC24600		4058075449282 / AC24603		4058075449220 / AC24606	
Not tested						4058075448704 / AC24598		4058075449064 / AC24601		4058075449268 / AC24604		4058075449183 / AC24608	
						4058075448681 / AC24599		4058075449060 / AC24602		4058075449244 / AC24605		4058075449206 / AC24607	
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
ABB	STD 50-3	230/50Hz	60-500	L	58-0%	57-0%	86-0%	74-0%	85-0%	87-0%	85-0%	87-0%	
Altenburger	50_3	230/50Hz			93-0%	92-0%	93-0%	92-0%	92-0%	92-0%	92-0%	92-0%	
AURORA	DSP 400	230/50Hz	400	L	90-0%	89-0%	90-0%	89-0%	89-0%	89-0%	89-0%	89-0%	
Berker	2861	230/50Hz	50-420	U	89-0%	88-0%	89-0%	88-0%	88-0%	88-0%	88-0%	88-0%	
Bticino	L/N/NT4411N	230/50Hz			94-0%	93-0%	94-0%	93-0%	93-0%	92-0%	93-0%	92-0%	
Busch-Jaeger	6513 U-102	230/50Hz	420	T	95-2%	93-0%							
Busch-Jaeger	6523 U-102	230/50Hz	40-420	T	95-3%	93-3%	95-3%	93-3%	94-3%	93-3%	94-3%	93-3%	
Busch-Jaeger	2250 U	230/50Hz	60-600	L	50-1%	87-1%	93-1%	87-1%	90-1%	87-1%	90-1%	87-1%	
Busch-Jaeger	6526 U	230/50Hz			94-40%	93-2%							
CENTURY CONTROL	MULTI DIMMER	230/50Hz	60-600	U	91-0%	90-0%	91-0%	90-0%	90-0%	90-0%	90-0%	90-0%	
DimMax	420SL	230/50Hz	200	L/T	93-0%	91-0%	93-0%	91-0%	92-0%	91-0%	92-0%	91-0%	
DINUY	RE EL1 LE1	230/50Hz	400	LED	92-0%	91-0%	92-0%	91-0%	91-0%	91-0%	91-0%	91-0%	
ELKO	400GLI	230/50Hz			94-3%	91-0%	94-3%	91-0%	92-3%	90-0%	92-3%	90-0%	
ELKO	315GLE	230/50Hz	20-315	T	92-3%	90-0%	92-3%	90-0%	91-3%	90-0%	91-3%	90-0%	
ELKO	600GLE/I	230/50Hz			92-0%	91-0%	92-0%	91-0%	91-0%	91-0%	91-0%	91-0%	
ELKO	600GLI	230/50Hz	40-600	U	92-2%	91-2%	92-2%	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						PARATHOM PRO PAR16 50 36°		PARATHOM PRO PAR16 80 36°		PARATHOM DIM PAR16 80 36°		PARATHOM DIM PAR16 80 60°	
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	
Undesired dimmability						4058075448728 / AC24597		40580754449107 / AC24600		4058075449282 / AC24603		4058075449220 / AC24606	
Not tested						4058075448704 / AC24598		4058075449084 / AC24601		4058075449268 / AC24604		4058075449183 / AC24608	
						4058075448681 / AC24599		4058075449060 / AC24602		4058075449244 / AC24605		4058075449206 / AC24607	
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	Power	Type									
ABB	STD 50-3	230/50Hz	60-500	L	58-0%	57-0%	86-0%	74-0%	85-0%	87-0%	85-0%	87-0%	
Altenburger	50_3	230/50Hz			93-0%	92-0%	93-0%	92-0%	92-0%	92-0%	92-0%	92-0%	
AURORA	DSP 400	230/50Hz	400	L	90-0%	89-0%	90-0%	89-0%	89-0%	89-0%	89-0%	89-0%	
Berker	2861	230/50Hz	50-420	U	89-0%	88-0%	89-0%	88-0%	88-0%	88-0%	88-0%	88-0%	
Bticino	L/N/NT4411N	230/50Hz			94-0%	93-0%	94-0%	93-0%	93-0%	92-0%	93-0%	92-0%	
Busch-Jaeger	6513 U-102	230/50Hz	420	T	95-2%	93-0%							
Busch-Jaeger	6523 U-102	230/50Hz	40-420	T	95-3%	93-3%	95-3%	93-3%	94-3%	93-3%	94-3%	93-3%	
Busch-Jaeger	2250 U	230/50Hz	60-600	L	50-1%	87-1%	93-1%	87-1%	90-1%	87-1%	90-1%	87-1%	
Busch-Jaeger	6526 U	230/50Hz			94-40%	93-2%							
CENTURY CONTROL	MULTI DIMMER	230/50Hz	60-600	U	91-0%	90-0%	91-0%	90-0%	90-0%	90-0%	90-0%	90-0%	
DimMax	420SL	230/50Hz	200	L/T	93-0%	91-0%	93-0%	91-0%	92-0%	91-0%	92-0%	91-0%	
DINUY	RE ELI LE1	230/50Hz	400	LED	92-0%	91-0%	92-0%	91-0%	91-0%	91-0%	91-0%	91-0%	
ELKO	400GLI	230/50Hz			94-3%	91-0%	94-3%	91-0%	92-3%	90-0%	92-3%	90-0%	
ELKO	315GLE	230/50Hz	20-315	T	92-3%	90-0%	92-3%	90-0%	91-3%	90-0%	91-3%	90-0%	
ELKO	600GLE/I	230/50Hz			92-0%	91-0%	92-0%	91-0%	91-0%	91-0%	91-0%	91-0%	
ELKO	600GLI	230/50Hz	40-600	U	92-2%	91-2%	92-2%	91-2%	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						PARATHOM PRO MR16 20 36**	PARATHOM PRO MR16 35 36**	PARATHOM PRO MR16 43 36**	PARATHOM DIM MR16 20 36**	PARATHOM DIM MR16 35 36**	PARATHOM DIM MR16 50 36**	PARATHOM DIM MR11 20 36**	PARATHOM DIM MR11	LED SUPERIOR REFLECTOR MR16 35 50 36**									
	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	EAN / Basic Code	EAN / Basic Code	EAN / Basic Code	EAN / Basic Code									
	Undesired dimmability																						
	Not tested																						
						4058075796393 / AC42764 4058075796416 / AC42765 4058075796430 / AC42766	4058075609433 / AC32718 4058075609419 / AC32719 4058075609396 / AC32720	4058075609372 / AC32721 4058075609358 / AC32722 4058075609334 / AC32723	4058075796454 / AC42767 4058075796478 / AC42768 4058075796492 / AC42769	4058075796515 / AC42773 4058075796539 / AC42774 4058075796553 / AC42775	4058075609310 / AC32712 4058075609297 / AC32713 4058075609273 / AC32714	4058075636620 / AC32693	4058075636644 / AC32696	4058075757684 / AC35791 4058075757707 / AC35792 4058075757745 / AC35793 4058075757769 / AC35794									
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	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		100-12%	100-47%	97-0%	97-0%	97-0%	97-0%	100-12%	100-47%	100-21%	100-28%	97-9%	97-9%	96-0%	99-0%	99-14%	99-0%	97-5%	99-5%
Altenburger	50,3	230/50Hz					100-46%	97-9%	97-9%	97-9%	97-9%		100-46%		100-28%	97-9%	97-9%	96-0%	99-0%	99-14%	99-0%	97-5%	99-5%
AURORA	DSP400	230/50Hz	400	T		97-0%		92-0%		92-0%		97-0%		100-0%	100-0%	92-0%		70-0%	100-0%		97-0%		100-0%
Berker	2861	230/50Hz	50-420	U		100-24%	100-36%	96-6%	96-6%	96-6%	96-6%	100-24%	100-36%	100-12%	100-31%	96-6%	96-6%	92-0%	99-18%	100-0%	100-17%		98-3%
Bticino	L/N/NT4411N	230/50Hz				100-0%	100-0%	92-0%	92-0%	92-0%	92-0%	100-0%	100-0%	100-0%	100-0%	92-0%	92-0%	90-0%	100-0%	90-0%	100-0%	99-0%	98-0%
bticino	NT4402N	230/50Hz	500	R			100-39%						100-39%					100-34%		100-30%			
Busch-Jaeger	6513 U-102	230/50Hz	420			100-50%	100-41%	97-13%	97-13%	97-13%	97-13%	100-50%	100-41%			97-13%	97-13%	54-0%	100-32%	100-38%	99-39%		98-0%
Busch-Jaeger	6523 U-102	230/50Hz	40-420			100-0%	100-0%	96-9%	96-9%	96-9%	96-9%	100-0%	100-0%			96-9%	96-9%	79-0%	100-15%	99-0%	99-0%	100-51%	
Busch-Jaeger	2250 U	230/50Hz	60-600	L		100-0%						100-0%		100-2%				82-0%	99-0%	82-0%			89-0%
Busch-Jaeger	6526 U	230/50Hz						90-2%	90-2%	90-2%	90-2%			0-0%	0-0%	90-2%	90-2%	99-0%	100-0%				
CENTURY CONTROL	MULTI DIMMER	230/50Hz	60-600	U		100-0%	100-0%	96-1%	96-1%	96-1%	96-1%	100-0%	100-0%	100-0%	100-0%	96-1%	96-1%	64-0%	99-0%	100-0%	100-0%	99-0%	99-0%
DimMax	420SL	230/50Hz	200	L/T		100-0%	100-0%	97-1%	97-1%	97-1%	97-1%	100-0%	100-0%	100-0%	100-0%	97-1%	97-1%	99-0%	99-0%	100-0%	100-0%	98-0%	97-0%
DINUY	RE EL1 LE1	230/50Hz	400	LED		100-0%	100-0%	97-0%	97-0%	97-0%	97-0%	100-0%	100-0%	100-0%	100-0%	97-0%	97-0%	99-0%	100-0%	100-0%	100-0%		
Domintell	DimMax 420 SL	230/50Hz	200	L/T		100-0%	100-0%	97-1%	97-1%	97-1%	97-1%	100-0%	100-0%			97-1%	97-1%	99-0%	99-0%	100-0%	100-0%	98-0%	97-0%
ELKO	400GLI	230/50Hz				90-8%	100-18%					90-8%	100-18%	100-0%	100-12%			62-0%	75-0%	76-0%		99-0%	97-0%
ELKO	315GLE	230/50Hz	20-315	T		100-19%	100-10%	96-1%	96-1%	96-1%	96-1%	100-19%	100-10%	100-0%	100-0%	96-1%	96-1%	55-0%	100-0%	100-0%	100-15%	96-5%	97-0%
ELKO	600GLI	230/50Hz	40-600	U		100-8%	100-8%	96-3%	96-3%	96-3%	96-3%	100-0%	100-0%	100-14%	100-22%	96-3%	96-3%	99-0%	100-7%			99-0%	94-0%
ELKO	600GLE/l	230/50Hz				100-0%	100-0%	96-2%	96-2%	96-2%	96-2%	100-0%	100-0%	100-11%	100-20%	96-2%	96-2%	97-0%	100-0%	100-0%	99-0%	60-0%	99-0%
ELKO	420GLE/l	230/50Hz	40-420	U			100-6%	98-0%	98-0%	98-0%	98-0%		100-6%	100-11%	100-9%	98-0%	98-0%		99-0%		99-16%	100-0%	99-0%
ELKO	1000LRI	230/50Hz																99-0%	100-0%	100-0%	100-0%	98-0%	99-0%
ELKO	630GLE	230/50Hz	20-630	U				97-7%	97-7%	97-7%	97-7%			100-20%	100-33%	97-7%	97-7%	55-0%	99-20%		100-0%	97-13%	97-0%
Eltako	EUD61NPN-UC	230/50Hz	5-400	R/L/C		100-0%	100-0%	96-4%	96-4%	96-4%	96-4%	100-0%	100-0%	100-0%	100-0%	96-4%	96-4%		100-0%	100-31%		99-0%	98-0%
Feller	40200.LEDxxx	230/50Hz				100-15%	100-40%	96-3%	96-3%	96-3%	96-3%	100-15%	100-40%	100-0%	100-20%	96-3%	96-3%		100-8%	100-0%		85-5%	98-0%
Feller	40600.RL	230/50Hz				100-8%	100-8%	96-3%	96-3%	96-3%	96-3%	100-0%	100-0%	100-14%	100-22%	96-3%	96-3%	99-0%	100-7%			99-0%	94-0%
Feller	40600.RC	230/50Hz						97-7%	97-7%	97-7%	97-7%			100-20%	100-33%	97-7%	97-7%	55-0%	99-20%		100-0%	97-13%	97-0%
Feller	40600.RLC	230/50Hz	20-600	U		100-0%	100-0%	96-2%	96-2%	96-2%	96-2%	100-0%	100-0%	100-11%	100-20%	96-2%	96-2%	97-0%	100-0%	100-0%	99-0%	60-0%	99-0%
Feller	40420.RLC	230/50Hz					100-6%	98-0%	98-0%	98-0%	98-0%		100-6%	100-11%	100-9%	98-0%	98-0%		99-0%		99-16%	100-0%	99-0%
Feller	31000	230/50Hz																99-0%	100-0%	100-0%	100-0%	98-0%	99-0%
Gira	226200	230/50Hz				100-0%	100-0%	100-2%		100-2%		100-0%	100-0%	100-0%	100-0%	100-2%		73-0%	100-0%	81-0%	99-0%	99-0%	97-0%
Gira	030700	230/50Hz	20-525	T		100-39%	100-39%	97-11%	97-11%	97-11%	97-11%	100-39%	100-39%	100-13%	100-32%	97-11%	97-11%	92-0%	100-15%	100-0%	99-23%	86-2%	98-0%
Gira	117600	230/50Hz	50-420	U				96-7%	96-7%	96-7%	96-7%	100-0%	100-100%	100-13%	100-32%	96-7%	96-7%		100-0%	100-0%	99-17%		99-3%














*MR16 and MR11 versions tested with HTM 70 transformer

DIMMER COMPATIBILITY MR11 + MR16

Legend					PARATHOM PRO MR16 20 36**	PARATHOM PRO MR16 35 36**	PARATHOM PRO MR16 43 36**	PARATHOM DIM MR16 20 36**	PARATHOM DIM MR16 35 36**	PARATHOM DIM MR16 50 36**	PARATHOM DIM MR11 20 36**	PARATHOM DIM MR11	LED SUPERIOR REFLECTOR MR16 35 50 36**					
	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	EAN / Basic Code	EAN / Basic Code	EAN / Basic Code	EAN / Basic Code					
	Undesired dimmability																	
	Not tested																	
					4058075796393 / AC42764 4058075796416 / AC42765 4058075796430 / AC42766	4058075609433 / AC32718 4058075609419 / AC32719 4058075609396 / AC32720	4058075609372 / AC32721 4058075609358 / AC32722 4058075609334 / AC32723	4058075796454 / AC42767 4058075796478 / AC42768 4058075796492 / AC42769	4058075796515 / AC42773 4058075796539 / AC42774 4058075796553 / AC42775	4058075609310 / AC32712 4058075609297 / AC32713 4058075609273 / AC32714	4058075636620 / AC32693	4058075636644 / AC32696	4058075757684 / AC35791 4058075757707 / AC35792 4058075757745 / AC35793 4058075757769 / AC35794					
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	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			100-19%	100-19%	100-1%	100-1%	100-1%	100-1%	100-19%	100-19%	100-1%	100-1%	100-0%	100-0%	100-0%	100-0%
Gira	217400	230/50Hz	4X20-	KNX-U	100-33%	100-24%	92-11%	92-11%	92-11%	92-11%	100-33%	100-24%	100-17%	100-28%	92-11%	92-11%	99-0%	100-0%
Hager	WUD87	230/50Hz	400	LED-U	100-0%	100-17%	96-1%	96-1%	96-1%	96-1%	100-0%	100-17%	100-0%	100-33%	96-1%	96-1%	83-0%	99-0%
Hamilton	KP1X40	230/50Hz	400															99-0%
Hugo Müller	paladin 872110 led	230/50Hz			100-0%	100-0%	97-0%	97-0%	97-0%	97-0%	100-0%	100-0%	100-0%	100-0%	97-0%	97-0%	99-0%	100-0%
Jung	225 NVDE	230/50Hz	20-500		100-0%	100-0%	100-2%	100-2%	100-2%	100-2%	100-0%	100-0%	100-0%	100-0%	100-2%	100-0%	100-0%	100-0%
Jung	225 TDE	230/50Hz			100-39%	100-39%	97-11%	97-11%	97-11%	97-11%	100-39%	100-39%	100-13%	100-32%	97-11%	97-11%	92-0%	100-15%
Jung	254 UDIE1	230/50Hz					96-7%	96-7%	96-7%	96-7%	100-0%	100-100%	100-13%	100-32%	96-7%	96-7%	100-0%	100-0%
Jung	1224 LEDUCE	230/50Hz	3-100		100-19%	100-19%	100-1%	100-1%	100-1%	100-1%	100-19%	100-19%	100-0%	100-0%	100-1%	100-1%	52-0%	100-0%
Jung	3904 REGHE	230/50Hz			100-33%	100-24%	92-11%	92-11%	92-11%	92-11%	100-33%	100-24%	100-17%	100-28%	92-11%	92-11%	99-0%	100-0%
Legrand	665114	230/50Hz	400	U	100-0%	100-0%	92-0%	92-0%	92-0%	92-0%	100-0%	100-0%	100-0%	100-0%	92-0%	92-0%	90-0%	100-0%
Legrand	574319/574339	230/50Hz	400	U	100-0%	100-0%	92-0%	92-0%	92-0%	92-0%	100-0%	100-0%	100-0%	100-0%	92-0%	92-0%	90-0%	100-0%
Legrand	572239/572739	230/50Hz	400	U	100-0%	100-0%	92-0%	92-0%	92-0%	92-0%	100-0%	100-0%	100-0%	100-0%	92-0%	92-0%	90-0%	100-0%
Legrand	078407/079207	230/50Hz	400	U	100-0%	100-0%	92-0%	92-0%	92-0%	92-0%	100-0%	100-0%	100-0%	100-0%	92-0%	92-0%	90-0%	100-0%
Legrand	048869/048871	230/50Hz	400	U	100-0%	100-0%	92-0%	92-0%	92-0%	92-0%	100-0%	100-0%	100-0%	100-0%	92-0%	92-0%	90-0%	100-0%
Legrand	067083/048869	230/50Hz	400	U	100-0%	100-0%	92-0%	92-0%	92-0%	92-0%	100-0%	100-0%	100-0%	100-0%	92-0%	92-0%	90-0%	100-0%
Legrand	099314	230/50Hz	300	RL			97-2%	97-2%	97-2%	97-2%			100-0%	100-0%	97-2%	97-2%	99-0%	100-0%
Legrand	770062	230/50Hz	400	RLC	100-0%	100-0%	97-1%	97-1%	97-1%	97-1%	100-0%	100-0%	100-0%	100-0%	97-1%	97-1%	91-0%	100-0%
MASTER	DM-DGL	230/50Hz	1000	U/LED														100-0%
MASTER	DM-2500	230/50Hz	2500	U/LED	100-0%	100-0%	96-0%	96-0%	96-0%	96-0%	100-0%	100-0%	100-0%	100-0%	96-0%	96-0%	99-0%	100-0%
Merten	MEG5136-0000	230/50Hz			100-19%	100-10%	96-1%	96-1%	96-1%	96-1%	100-19%	100-10%	100-0%	100-0%	96-1%	96-1%	55-0%	100-0%
Merten	MEG5134-0000	230/50Hz			100-15%	100-40%	96-3%	96-3%	96-3%	96-3%	100-15%	100-40%	100-0%	100-20%	96-3%	96-3%		100-8%
Merten	MEG5133-0000	230/50Hz			100-8%	100-8%	96-3%	96-3%	96-3%	96-3%	100-8%	100-8%	100-14%	100-22%	96-3%	96-3%	99-0%	100-7%
Merten	MEG5137-0000	230/50Hz					97-7%	97-7%	97-7%	97-7%			100-20%	100-33%	97-7%	97-7%	55-0%	99-20%
Merten	MEG5139-0000	230/50Hz			100-0%	100-0%	96-2%	96-2%	96-2%	96-2%	100-0%	100-0%	100-11%	100-20%	96-2%	96-2%	97-0%	100-0%
Merten	MEG5138-0000	230/50Hz					98-0%	98-0%	98-0%	98-0%			100-6%	100-11%	98-0%	98-0%		99-0%
Merten	MEG 5170-0300	230/50Hz	10-200	U	100-36%	100-41%	95-4%	95-4%	95-4%	95-4%	100-36%	100-41%	88-14%	100-26%	95-4%	95-4%		81-0%
Merten	MEG 5131	230/50Hz	40-400	L	100-0%	100-0%	96-1%	96-1%	96-1%	96-1%	100-0%	100-0%	17-0%	100-0%	96-1%	96-1%	97-0%	99-0%

*MR16 and MR11 versions tested with HTM 70 transformer

DIMMER COMPATIBILITY MR11 + MR16

Legend					PARATHOM PRO MR16 20 36**	PARATHOM PRO MR16 35 36**	PARATHOM PRO MR16 43 36**	PARATHOM DIM MR16 20 36**	PARATHOM DIM MR16 35 36**	PARATHOM DIM MR16 50 36**	PARATHOM DIM MR11 20 36**	PARATHOM DIM MR11	LED SUPERIOR REFLECTOR MR16 35 50 36**							
	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	EAN / Basic Code	EAN / Basic Code	EAN / Basic Code	EAN / Basic Code							
	Undesired dimmability																			
	Not tested																			
					4058075796393 / AC42764 4058075796416 / AC42765 4058075796430 / AC42766	4058075609433 / AC32718 4058075609419 / AC32719 4058075609396 / AC32720	4058075609372 / AC32721 4058075609358 / AC32722 4058075609334 / AC32723	4058075796454 / AC42767 4058075796478 / AC42768 4058075796492 / AC42769	4058075796515 / AC42773 4058075796539 / AC42774 4058075796553 / AC42775	4058075609310 / AC32712 4058075609297 / AC32713 4058075609273 / AC32714	4058075636620 / AC32693	4058075636644 / AC32696	40580757684 / AC35791 40580757707 / AC35792 405807575745 / AC35793 405807575769 / AC35794							
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	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																
Merten	MEG 5132	230/50Hz		L	100-0%	100-0%														
Merten	MEG 5140	230/50Hz	9-100	L			71-2%	71-2%	71-2%	71-2%										
Merten	MEG 5135	230/50Hz	60-1000	L																
MK	K4501	230/50Hz	180	L	100-0%	100-0%	97-3%	97-3%	97-3%	97-3%	100-0%	100-0%	100-0%	100-12%	97-3%	97-3%	88-0%	100-0%	100-0%	100-0%
NEXUS	881P-01	230/50Hz	400	L	100-0%		92-1%		92-1%		100-0%		100-0%	100-0%	92-1%		79-0%	100-0%		99-0%
NIKO	310-0190001901	230/50Hz	5-200	U	100-0%	100-0%	97-1%	97-1%	97-1%	97-1%	100-0%	100-0%	100-0%	100-0%	97-1%	97-1%	99-0%	100-0%	100-0%	100-0%
NIKO	330-0070000701	230/50Hz	5-200	U	100-0%	100-0%	97-0%	97-0%	97-0%	97-0%	100-0%	100-0%	100-9%	100-13%	97-0%	97-0%	99-0%	100-0%	100-8%	100-0%
Odace	S520512	230/50Hz			100-15%	100-40%	96-3%	96-3%	96-3%	96-3%	100-15%	100-40%	100-0%	100-20%	96-3%	96-3%		100-8%	100-0%	85-5%
Odace	S520511	230/50Hz			100-8%	100-8%	96-3%	96-3%	96-3%	96-3%	100-0%	100-0%	100-14%	100-22%	96-3%	96-3%	99-0%	100-7%		99-0%
Odace	S520515	230/50Hz				100-6%	98-0%	98-0%	98-0%	98-0%		100-6%	100-11%	100-9%	98-0%	98-0%		99-0%		99-16%
Odace	S520518	230/50Hz					71-2%	71-2%	71-2%	71-2%			83-0%	100-0%	71-2%	71-2%		100-0%		99-0%
Osram	HTI DALI 315 DIM	230/50Hz	20-315	DALI-T	100-10%	100-34%	96-4%	96-4%	96-4%	96-4%	100-10%	100-34%	100-0%	100-15%	96-4%	96-4%	98-0%	100-0%	99-0%	99-9%
PEHA	435 HAN	230/50Hz	60-600	L	87-9%	100-0%		96-0%	96-0%	96-0%	87-9%	100-0%	97-0%	100-15%	96-0%	96-0%		73-0%	59-0%	100-0%
Schneider	400GLI	230/50Hz	40-400	T	90-8%	100-18%					90-8%	100-18%	100-0%	100-12%			62-0%	75-0%	76-0%	99-0%
Schneider	SBD315RC	230/50Hz			100-19%	100-10%	96-1%	96-1%	96-1%	96-1%	100-19%	100-10%	100-0%	100-0%	96-1%	96-1%	55-0%	100-0%	100-0%	100-15%
Schneider	SBD200LED	230/50Hz	400		100-15%	100-40%	96-3%	96-3%	96-3%	96-3%	100-15%	100-40%	100-0%	100-20%	96-3%	96-3%		100-8%	100-0%	85-5%
Schneider	SBD600RL	230/50Hz			100-8%	100-8%	96-3%	96-3%	96-3%	96-3%	100-0%	100-0%	100-14%	100-22%	96-3%	96-3%	99-0%	100-7%		99-0%
Schneider	SBD630RC	230/50Hz					97-7%	97-7%	97-7%	97-7%			100-20%	100-33%	97-7%	97-7%	55-0%	99-20%		100-0%
Schneider	SBD600RCRL	230/50Hz			100-0%	100-0%	96-2%	96-2%	96-2%	96-2%	100-0%	100-0%	100-11%	100-20%	96-2%	96-2%	97-0%	100-0%	100-0%	99-0%
Schneider	SBD420RCRL	230/50Hz				100-6%	98-0%	98-0%	98-0%	98-0%		100-6%	100-11%	100-9%	98-0%	98-0%		99-0%		99-16%
Schneider	5170	230/50Hz			100-36%	100-41%	95-4%	95-4%	95-4%	95-4%	100-36%	100-41%	88-14%	100-26%	95-4%	95-4%		81-0%		88-25%
Schneider	SBD400RL	230/50Hz			100-0%	100-0%	96-1%	96-1%	96-1%	96-1%	100-0%	100-0%	17-0%	100-0%	96-1%	96-1%	97-0%	99-0%	99-0%	100-0%
Schneider	SBD5PL	230/50Hz					71-2%	71-2%	71-2%	71-2%			83-0%	100-0%	71-2%	71-2%		100-0%		99-0%
Schneider	ATTD1000RL	230/50Hz															99-0%	100-0%	100-0%	100-0%
Shuttle	SDIM-T-LED-500W	230/50Hz	2-500	T & LED-T	100-0%	100-4%	96-1%	96-1%	96-1%	96-1%	100-0%	100-4%	100-0%	100-0%	96-1%	96-1%	99-0%	99-0%	100-0%	100-0%
Siemens	5TC8 284	230/50Hz	20-525	T			96-10%	96-10%	96-10%	96-10%			100-31%	100-14%	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%	98-1%	98-1%	98-1%	98-1%	100-0%	100-0%	100-0%	100-0%	98-1%	98-1%	99-0%	100-0%	100-0%	
theben	DIMAX 544 plus P	230/50Hz	250	T	100-14%	100-21%					100-14%	100-21%	100-19%	100-22%						
theben	DIMAX 534 plus	230/50Hz	400	T	100-20%	100-19%					100-20%	100-19%	100-14%	100-23%						100-17%
VADSBO	LD 220	230/50Hz	1-200	U	100-0%	100-0%	97-3%	97-3%	97-3%	97-3%	100-0%	100-0%			97-3%	97-3%	99-0%	99-0%	100-0%	99-0%
VARILIGHT	HQ3W	230/50Hz	400		100-0%	100-46%	97-1%	97-1%	97-1%	97-1%	100-0%	100-46%	100-0%	100-0%	97-1%	97-1%	100-0%	100-0%	84-0%	99-0%
VARILIGHT	JQP401W	230/50Hz	400	T			97-0%	97-0%	97-0%	97-0%			100-14%	100-0%	97-0%	97-0%	81-0%	100-0%	86-19%	99-0%
Vimar	20135	230/50Hz	3-100	U	100-0%	100-0%	96-3%	96-3%	96-3%	96-3%	100-0%	100-0%	100-0%	100-0%	96-3%	96-3%	99-0%	100-0%		100-22%
ZANO	WH401	230/50Hz	400	L			92-1%		92-1%				100-0%	100-0%	92-1%		79-0%	100-0%		99-0%
ZANO	WH251	230/50Hz	250		100-0%	100-0%	95-2%	95-2%	95-2%	95-2%	100-0%	100-0%	100-0%	100-0%	95-2%	95-2%	78-0%	100-0%	81-0%	99-0%
ZANO	Z GRID 700	230/50Hz	250	LED	100-0%	100-0%					100-0%	100-0%	0-0%	0-0%					90-0%	99-0%
ZANO	Z GRID 500	230/50Hz	500		100-0%	100-0%	96-1%	96-1%	96-1%	96-1%	100-0%	100-0%	100-0%	100-0%	96-1%	96-1%	86-0%	100-0%		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. 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.