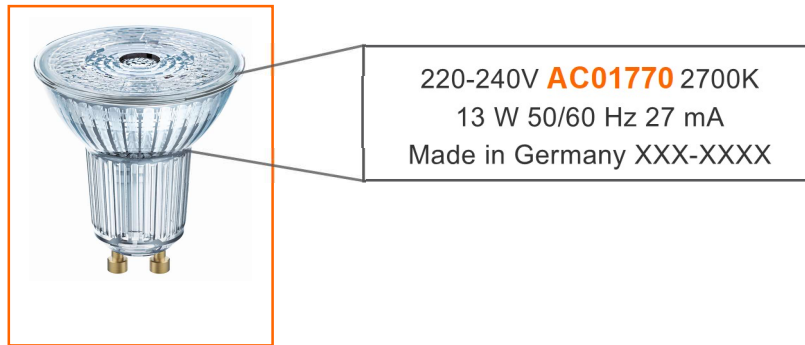


## DIMMER COMPATIBILITY MR11 + MR16

### 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							
Good dimmability with indicated number of lamps (dimming range greater than 75%)						50 36"		80 36"		80 36"		80 60"	
Limited dimmability with indicated number of lamps (dimming range smaller than 75%)													
Undesired dimmability						EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code	
Not tested						4058075448728 / AC24597		4058075449107 / AC24600		4058075449282 / AC24603		4058075449220 / AC24606	
						4058075448704 / AC24598		4058075449064 / AC24601		4058075449288 / 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	
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 EL1 LE1	230/50Hz	400	LED	92-0%	91-0%	92-0%	91-0%	91-0%	91-0%	91-0%	91-0%	
ELKO	400GU	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	600GU	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

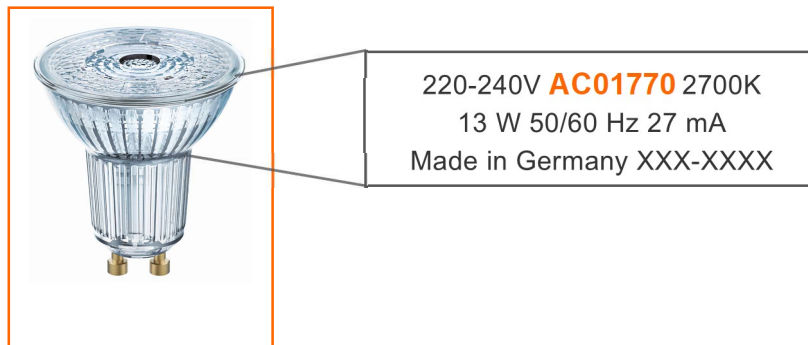
Assessment of the results into categories. Includes the number of lamps and the related dimming range

# 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.



### 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							
Good dimmability with indicated number of lamps (dimming range greater than 75%)						50 36°		80 36°		80 36°		80 60°	
Limited dimmability with indicated number of lamps (dimming range smaller than 75%)													
Undesired dimmability						EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code	
Not tested						4058075448728 / AC24597		4058075449107 / AC24600		4058075449282 / AC24603		4058075449220 / AC24606	
						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 35 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%)																				
Undesired dimmability																				
Not tested																				
					EAN / Basic Code	EAN / Basic Code	EAN / Basic Code	EAN / Basic Code	EAN / Basic Code	EAN / Basic Code	EAN / Basic Code	EAN / Basic Code								
					4058075431652 / AC33715 4058075431638 / AC33716 4058075431614 / AC33717	4058075609433 / AC32718 4058075609419 / AC32719 4058075609396 / AC32720	4058075609372 / AC32721 4058075609358 / AC32722 4058075609334 / AC32723	4058075431577 / AC33718 4058075431553 / AC33719 4058075431539 / AC33720	4058075431492 / AC33721 4058075431478 / AC33722 4058075431430 / AC33723	4058075609310 / AC32712 4058075609297 / AC32713 4058075609273 / AC32714	4058075636620 / AC32693	4058075636644 / AC32696								
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				
Brand	Model	Voltage range	Power	Type																
ABB	STD 50-3	230/50Hz	60-500	L	97-0%	97-0%	97-0%	97-0%	97-0%	97-0%	76-5%	100-14%	100-8%	97-0%	97-0%	74-17%	58-0%	75-0%	99-0%	
Altenburger	50,3	230/50Hz		L	97-9%	97-9%	97-9%	97-9%	97-9%	97-9%	100-1%	100-20%	71-1%	100-12%	97-9%	97-9%	96-0%	99-0%	99-14%	
AURORA	DSP400	230/50Hz	400	T	92-0%		92-0%		92-0%				92-0%		92-0%		70-0%	100-0%		
Berker	2861	230/50Hz	50-420	U	96-6%	96-6%	96-6%	96-6%	96-6%	96-6%	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		L	92-0%	92-0%	92-0%	92-0%	92-0%	92-0%	100-3%	100-6%		100-8%	92-0%	92-0%	90-0%	100-0%	90-0%	100-0%
Bticino	NT4402N	230/50Hz	500	R								100-41%		100-31%			100-34%		100-30%	
Busch-Jaeger	6513 U-102	230/50Hz	420	U	97-13%	97-13%	97-13%	97-13%	97-13%	97-13%	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	U	96-9%	96-9%	96-9%	96-9%	96-9%	96-9%	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		U	90-2%	90-2%	90-2%	90-2%	90-2%	90-2%				90-2%	90-2%	99-0%	100-0%			
CENTURY CONTROL	MULTI DIMMER	230/50Hz	60-600	U	96-1%	96-1%	96-1%	96-1%	96-1%	96-1%	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%	97-1%	97-1%	97-1%	97-1%					97-1%	97-1%	99-0%	99-0%	100-0%	100-0%
DINUY	RE EL1 LE1	230/50Hz	400	LED	97-0%	97-0%	97-0%	97-0%	97-0%	97-0%	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%	97-1%	97-1%	97-1%	97-1%					97-1%	97-1%	99-0%	99-0%	100-0%	100-0%
ELKO	400GLI	230/50Hz		U							71-7%						62-0%	75-0%	76-0%	
ELKO	315GLE	230/50Hz	20-315	T	96-1%	96-1%	96-1%	96-1%	96-1%	96-1%	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		U	96-2%	96-2%	96-2%	96-2%	96-2%	96-2%	100-8%	100-8%	72-5%	100-5%	96-2%	96-2%	97-0%	100-0%	100-0%	99-0%
ELKO	600GLI	230/50Hz	40-600	U	96-3%	96-3%	96-3%	96-3%	96-3%	96-3%	100-35%	100-29%	78-22%	99-18%	96-3%	96-3%	99-0%	100-7%		
ELKO	420GLE/I	230/50Hz	40-420	U	98-0%	98-0%	98-0%	98-0%	98-0%	98-0%		100-21%		99-13%	98-0%	98-0%		99-0%		99-16%
ELKO	1000LRI	230/50Hz		U								100-0%		99-0%			99-0%	100-0%	100-0%	100-0%
ELKO	630GLE	230/50Hz	20-630	U	97-7%	97-7%	97-7%	97-7%	97-7%	97-7%	100-0%	100-18%	72-1%	99-12%	97-7%	97-7%	55-0%	99-20%		100-0%
Eltako	EUD61NPN-UC	230/50Hz	5-400	R/L/C	96-4%	96-4%	96-4%	96-4%	96-4%	96-4%	100-22%	100-42%	82-13%	100-27%	96-4%	96-4%		100-0%	100-31%	
Feller	40200.LEDxxx	230/50Hz		U	96-3%	96-3%	96-3%	96-3%	96-3%	96-3%					96-3%	96-3%		100-8%	100-0%	
Feller	40600.RLC	230/50Hz	20-600	U	96-2%	96-2%	96-2%	96-2%	96-2%	96-2%	100-8%	100-8%	72-5%	100-5%	96-2%	96-2%	97-0%	100-0%	100-0%	99-0%
Feller	40600.RC	230/50Hz		U	97-7%	97-7%	97-7%	97-7%	97-7%	97-7%	100-0%	100-18%	72-1%	99-12%	97-7%	97-7%	55-0%	99-20%		100-0%
Feller	40600.RL	230/50Hz		U	96-3%	96-3%	96-3%	96-3%	96-3%	96-3%	100-35%	100-29%	78-22%	99-18%	96-3%	96-3%	99-0%	100-7%		
Feller	40420.RLC	230/50Hz		U	98-0%	98-0%	98-0%	98-0%	98-0%	98-0%		100-21%		99-13%	98-0%	98-0%		99-0%		99-16%
Feller	31000	230/50Hz		U								100-0%		99-0%			99-0%	100-0%	100-0%	100-0%
Gira	226200	230/50Hz		U	100-2%		100-2%		100-2%		85-2%		56-1%	99-12%	100-2%		73-0%	100-0%	81-0%	99-0%
Gira	030700	230/50Hz	20-525	T	97-11%	97-11%	97-11%	97-11%	97-11%	97-11%	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	96-7%	96-7%	96-7%	96-7%	96-7%	96-7%	90-0%	100-26%	75-0%	100-16%	96-7%	96-7%		100-0%	100-0%	99-17%
Gira	238500	230/50Hz		U	100-1%	100-1%	100-1%	100-1%	100-1%	100-1%					100-1%	100-1%	52-0%	100-0%	99-0%	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 35 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%)																				
Undesired dimmability																				
Not tested																				
					EAN / Basic Code	EAN / Basic Code	EAN / Basic Code	EAN / Basic Code	EAN / Basic Code	EAN / Basic Code	EAN / Basic Code	EAN / Basic Code								
					4058075431652 / AC33715 4058075431638 / AC33716 4058075431614 / AC33717	4058075609433 / AC32718 4058075609419 / AC32719 4058075609396 / AC32720	4058075609372 / AC32721 4058075609358 / AC32722 4058075609334 / AC32723	4058075431577 / AC33718 4058075431553 / AC33719 4058075431539 / AC33720	4058075431492 / AC33721 4058075431478 / AC33722 4058075431430 / AC33723	4058075609310 / AC32712 4058075609297 / AC32713 4058075609273 / AC32714	4058075636620 / AC32693	4058075636644 / AC32696								
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				
Brand	Model	Voltage range	Power	Type																
Gira	217400	230/50Hz	4X20-250	KNX-U	92-11%	92-11%	92-11%	92-11%	92-11%	92-11%	100-25%	100-16%	78-0%	100-16%	92-11%	92-11%	99-0%	100-0%	99-0%	100-0%
Hager	WUD87	230/50Hz	400	LED-U	96-1%	96-1%	96-1%	96-1%	96-1%	96-1%	100-0%	100-19%	62-1%	100-12%	96-1%	96-1%	83-0%	99-0%	100-0%	99-0%
Hamilton	KP1X40	230/50Hz	400								95-22%	100-8%		100-5%						
Hugo Müller	paladin 872110 led	230/50Hz			97-0%	97-0%	97-0%	97-0%	97-0%	97-0%	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		100-2%		100-2%		100-2%		85-2%		56-1%	99-12%	100-2%		73-0%	100-0%	81-0%	99-0%
Jung	225 TDE	230/50Hz			97-11%	97-11%	97-11%	97-11%	97-11%	97-11%	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			96-7%	96-7%	96-7%	96-7%	96-7%	96-7%	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%	100-1%	100-1%	100-1%	100-1%				100-1%	100-1%		52-0%	100-0%	99-0%	99-0%
Jung	3904 REGHE	230/50Hz			92-11%	92-11%	92-11%	92-11%	92-11%	92-11%	100-25%	100-16%	78-0%	100-16%	92-11%	92-11%	99-0%	100-0%	99-0%	100-0%
Legrand	665114	230/50Hz	400	U	92-0%	92-0%	92-0%	92-0%	92-0%	92-0%	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	92-0%	92-0%	92-0%	92-0%	92-0%	92-0%	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	92-0%	92-0%	92-0%	92-0%	92-0%	92-0%	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	92-0%	92-0%	92-0%	92-0%	92-0%	92-0%	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	92-0%	92-0%	92-0%	92-0%	92-0%	92-0%	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	92-0%	92-0%	92-0%	92-0%	92-0%	92-0%	100-3%	100-6%		100-8%	92-0%	92-0%	90-0%	100-0%	90-0%	100-0%
Legrand	099314	230/50Hz	300	RL	97-2%	97-2%	97-2%	97-2%	97-2%	97-2%		100-14%		100-10%	97-2%	97-2%	99-0%	100-0%	85-0%	99-0%
Legrand	770062	230/50Hz	400	RLC	97-1%	97-1%	97-1%	97-1%	97-1%	97-1%	100-1%	100-3%	69-0%	97-2%	97-1%	97-1%	91-0%	100-0%		
MASTER	DM-DGL	230/50Hz	1000	U / LED							100-1%	100-1%	76-0%	99-0%						
MASTER	DM-2500	230/50Hz	2500	U / LED	96-0%	96-0%	96-0%	96-0%	96-0%	96-0%		100-0%		99-0%	96-0%	96-0%	99-0%	100-0%		
Merten	MEG5136-0000	230/50Hz			96-1%	96-1%	96-1%	96-1%	96-1%	96-1%	100-6%	100-22%	76-4%	100-14%	96-1%	96-1%	55-0%	100-0%	100-0%	100-15%
Merten	MEG5134-0000	230/50Hz			96-3%	96-3%	96-3%	96-3%	96-3%	96-3%				96-3%	96-3%		100-8%	100-0%		
Merten	MEG5139-0000	230/50Hz			96-2%	96-2%	96-2%	96-2%	96-2%	96-2%	100-8%	100-8%	72-5%	100-5%	96-2%	96-2%	97-0%	100-0%	100-0%	99-0%
Merten	MEG5137-0000	230/50Hz			97-7%	97-7%	97-7%	97-7%	97-7%	97-7%	100-0%	100-18%	72-1%	99-12%	97-7%	97-7%	55-0%	99-20%		100-0%
Merten	MEG5133-0000	230/50Hz			96-3%	96-3%	96-3%	96-3%	96-3%	96-3%	100-35%	100-29%	78-22%	99-18%	96-3%	96-3%	99-0%	100-7%		
Merten	MEG5138-0000	230/50Hz			98-0%	98-0%	98-0%	98-0%	98-0%	98-0%		100-21%		99-13%	98-0%	98-0%		99-0%		99-16%
Merten	MEG 5170-0300	230/50Hz	10-200	U	95-4%	95-4%	95-4%	95-4%	95-4%	95-4%		100-19%		100-11%	95-4%	95-4%		81-0%		88-25%
Merten	MEG 5131	230/50Hz	40-400	L	96-1%	96-1%	96-1%	96-1%	96-1%	96-1%	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			96-1%	96-1%	96-1%	96-1%	96-1%	96-1%	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	71-2%	71-2%	71-2%	71-2%	71-2%	71-2%	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%

\*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 35 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	
Undesired dimmability					4058075431652 / AC33715 4058075431638 / AC33716 4058075431614 / AC33717		4058075609433 / AC32718 4058075609419 / AC32719 4058075609396 / AC32720		4058075609372 / AC32721 4058075609358 / AC32722 4058075609334 / AC32723		4058075431577 / AC33718 4058075431553 / AC33719 4058075431539 / AC33720		4058075431492 / AC33721 4058075431478 / AC33722 4058075431430 / AC33723		4058075609310 / AC32712 4058075609297 / AC32713 4058075609273 / AC32714		4058075636620 / AC32693		4058075636644 / AC32696	
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																
MK	K4501	230/50Hz	180	L	97-3%	97-3%	97-3%	97-3%	97-3%	97-3%	100-21%	100-12%	80-13%	100-8%	97-3%	97-3%	88-0%	100-0%	100-0%	100-0%
NEXUS	881P-01	230/50Hz	400	L	92-1%		92-1%		92-1%				64-1%		92-1%		79-0%	100-0%		
NIKO	310-0190001901	230/50Hz	5-200	U	97-1%	97-1%	97-1%	97-1%	97-1%	97-1%	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	97-0%	97-0%	97-0%	97-0%	97-0%	97-0%	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%	96-3%	96-3%	96-3%	96-3%					96-3%	96-3%		100-8%	100-0%	
Odace	S520511	230/50Hz			96-3%	96-3%	96-3%	96-3%	96-3%	96-3%	100-35%	100-29%	78-22%	99-18%	96-3%	96-3%	99-0%	100-7%		
Odace	S520515	230/50Hz			98-0%	98-0%	98-0%	98-0%	98-0%	98-0%		100-21%		99-13%	98-0%	98-0%		99-0%		99-16%
Odace	S520518	230/50Hz			71-2%	71-2%	71-2%	71-2%	71-2%	71-2%	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	96-4%	96-4%	96-4%	96-4%	96-4%	96-4%	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	96-0%	96-0%		96-0%	96-0%	96-0%	68-1%		69-1%		96-0%	96-0%		73-0%	59-0%	100-0%
Schneider	400GLU	230/50Hz	40-400	T							71-7%						62-0%	75-0%	76-0%	
Schneider	SBD315RC	230/50Hz			96-1%	96-1%	96-1%	96-1%	96-1%	96-1%	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%	96-3%	96-3%	96-3%	96-3%				96-3%	96-3%		100-8%	100-0%		
Schneider	SBD600RCRL	230/50Hz			96-2%	96-2%	96-2%	96-2%	96-2%	96-2%	100-8%	100-8%	72-5%	100-5%	96-2%	96-2%	97-0%	100-0%	100-0%	99-0%
Schneider	SBD630RC	230/50Hz			97-7%	97-7%	97-7%	97-7%	97-7%	97-7%	100-0%	100-18%	72-1%	99-12%	97-7%	97-7%	55-0%	99-20%		100-0%
Schneider	SBD600RL	230/50Hz			96-3%	96-3%	96-3%	96-3%	96-3%	96-3%	100-35%	100-29%	78-22%	99-18%	96-3%	96-3%	99-0%	100-7%		
Schneider	SBD420RCRL	230/50Hz			98-0%	98-0%	98-0%	98-0%	98-0%	98-0%		100-21%		99-13%	98-0%	98-0%		99-0%		99-16%
Schneider	5170	230/50Hz			95-4%	95-4%	95-4%	95-4%	95-4%	95-4%		100-19%		100-11%	95-4%	95-4%		81-0%		88-25%
Schneider	SBD400RL	230/50Hz			96-1%	96-1%	96-1%	96-1%	96-1%	96-1%	100-29%	100-31%	82-14%	100-14%	96-1%	96-1%	97-0%	99-0%	99-0%	99-0%
Schneider	SBD5PL	230/50Hz			71-2%	71-2%	71-2%	71-2%	71-2%	71-2%	100-16%	100-5%	78-10%	99-21%	71-2%	71-2%		100-0%		99-0%
Schneider	ATTD1000RL	230/50Hz										100-0%	100-0%	99-0%			99-0%	100-0%	100-0%	100-0%
Shuttle	SDIM-T-LED-500W	230/50Hz	2-500	T & LED-T	96-1%	96-1%	96-1%	96-1%	96-1%	96-1%	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	96-10%	96-10%	96-10%	96-10%	96-10%	96-10%	100-5%	100-23%	67-3%	99-14%	96-10%	96-10%	94-0%	100-21%	95-19%	99-0%
Siemens	5WGI-527-1AB31	230/50Hz	20-500	KNX-U	98-1%	98-1%	98-1%	98-1%	98-1%	98-1%	100-0%	100-0%	82-0%	100-0%	98-1%	98-1%	99-0%	100-0%	99-0%	100-0%
VADSBO	LD 220	230/50Hz	1-200	U	97-3%	97-3%	97-3%	97-3%	97-3%	97-3%	100-0%	100-0%	79-3%	100-0%	97-3%	97-3%	99-0%	99-0%	100-0%	99-0%
VARIILIGHT	HQ3W	230/50Hz	400		97-1%	97-1%	97-1%	97-1%	97-1%	97-1%			62-9%		97-1%	97-1%	91-0%	100-0%	84-0%	99-0%
VARIILIGHT	JQP401W	230/50Hz	400	T	97-0%	97-0%	97-0%	97-0%	97-0%	97-0%		100-0%		99-6%	97-0%	97-0%	81-0%	100-0%	86-19%	
Vimar	20135	230/50Hz	3 - 100	U	96-3%	96-3%	96-3%	96-3%	96-3%	96-3%	100-16%	100-37%	80-10%	100-24%	96-3%	96-3%	99-0%	100-0%		100-22%
ZANO	WH401	230/50Hz	400	L	92-1%		92-1%		92-1%		95-18%				92-1%		79-0%	100-0%		99-0%
ZANO	WH251	230/50Hz	250		95-2%	95-2%	95-2%	95-2%	95-2%	95-2%			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		96-1%	96-1%	96-1%	96-1%	96-1%	96-1%	90-0%		57-1%	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 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.

**LEDVANCE GmbH**

Head Office:

Parkring 29-33  
85748 Garching, Germany  
Phone +49 89 780673-100  
Fax +49 89 780673-XXX  
[www.ledvance.com](http://www.ledvance.com)

**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.