

## DIMMER COMPATIBILITY CLASSIC A (Filament)

### BASIC INFORMATION:

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


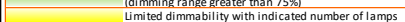
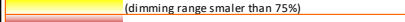
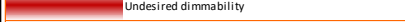




The product code describes the lamp type. It contains 7 letters and digits and is starting with "A". Below an example for the product code of the stamp of the lamp:



#### 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		 EAN/ Basic Code		 EAN/ Basic Code		 EAN/ Basic Code	
<b>Dimmer</b>						4058075434676 / AC16509 4052899390133 / AC16509 4058075458086 / AC16509 4058075434690 / AC16511 4052899390167 / AC16511		405807512544 / AC16512 4052899390171 / AC16512 4052899390195 / AC16514 4058075434713 / AC16514		4058075433663 / AC24603 4058075433564 / AC24603 4058075433661 / AC24605 4058075433540 / AC24605		4058075433687 / AC24609 4058075433526 / AC24609 4058075433700 / AC24611 4058075433502 / AC24611	
Brand	Model	Voltage range	Power	Type	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%	
Altenburger	50_3	230/50Hz			1-3	99-0%	1-20	98-0%	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%	
Berker	2861	230/50Hz	50-420	U	1-10	99-0%	1-20	97-0%	88-0%	88-0%	88-0%	88-0%	
Btcino	L/N/NT4411N	230/50Hz			1-9	100-0%	1-14	97-0%	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%	
Busch-Jaeger	6526 U	230/50Hz			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%	
Domintel	DimMax 420 SL	230/50Hz	200	L/T	1-16	100-0%	1-13	97-0%	92-0%	91-0%	92-0%	91-0%	
ELKO	400GLI	230/50Hz			1-11	100-0%	1-12	97-0%	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%	
ELKO	600GLE/I	230/50Hz			1-11	99-1%	1-13	98-5%	91-0%	91-0%	91-0%	91-0%	
ELKO	600GLI	230/50Hz	40-600	U	1-20	99-0%	1-20	98-0%	91-2%	91-2%	91-2%	91-2%	

Information about the lamp type

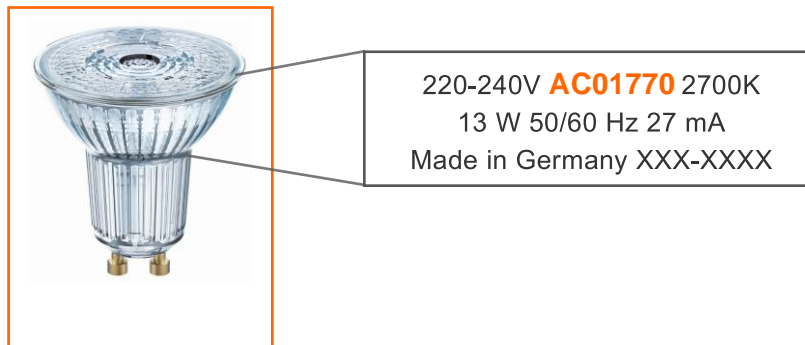
Assessment of the results into categories. Includes the number of lamps and the related dimming range

# DIMMER KOMPATIBILITÄT CLASSIC A (Filament)

## 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					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		EAN/Basic Code		EAN/Basic Code		EAN/Basic Code	
					4058075431676 / AC16509		4058075112544 / AC16512		4058075433663 / AC24603		4058075433687 / AC24609	
					4052899390133 / AC16509		4052899390171 / AC16512		4058075433564 / AC24603		4058075433526 / AC24609	
					4058075458086 / AC16509		4052899390195 / AC16514		4058075453661 / AC24605		4058075433700 / AC24611	
					4058075431690 / AC16511		4058075431713 / AC16514		4058075433540 / AC24605		4058075433502 / AC24611	
					4052899390157 / AC16511							
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%
Altenburger	50.3	230/50Hz		L	1-3	99-0%	1-20	98-0%	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%
Berker	2861	230/50Hz	50-420	U	1-10	99-0%	1-20	97-0%	88-0%	88-0%	88-0%	88-0%
Bticino	L/N/NT411N	230/50Hz		T	1-9	100-0%	1-14	97-0%	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%
Busch-Jaeger	6526 U	230/50Hz		T	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%
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%
ELKO	400GU	230/50Hz		T	1-11	100-0%	1-12	97-0%	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%
ELKO	600GLE/I	230/50Hz		T	1-11	99-1%	1-13	98-5%	91-0%	91-0%	91-0%	91-0%
ELKO	600GU	230/50Hz	40-600	U	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 CLASSIC A (Filament)

Legend					SUPERSTAR PLUS CL A 60 Filament/ GL FR		SUPERSTAR PLUS CL A 75 Filament/ GL FR		SUPERSTAR PLUS CL A 100 Filament/ GL FR		SUPERSTAR CL A 25 Filament/ GL FR		SUPERSTAR CL A 40 Filament/ GL FR		SUPERSTAR CL A 50 FIL Mirror Silver		SUPERSTAR CL A 60 Filament/ GL FR		SUPERSTAR CL A 75 Filament/ GL FR		SUPERSTAR CL A 100 Filament/ GL FR		RETROFIT CL A 100 / Frosted		SUPERSTAR CL A 150 Frosted					
					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		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		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		Good dimmability with indicated number of lamps (dimming range greater 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		EAN/ Basic Code		EAN/ Basic Code		EAN/ Basic Code			
					4058075602458 / AC33980 4058075602472 / AC33981 4058075602571 / AC33986 4058075602595 / AC33987		4058075602496 / AC33982 4058075602519 / AC33983 4058075602618 / AC33988 4058075602632 / AC33989		4058075602533 / AC33984 4058075602557 / AC33985 4058075602656 / AC33990 4058075602670 / AC33991 4058075602694 / AC33992 4058075602717 / AC33993		4058075211261 / AC32326 4058075211346 / AC32327		4058075434660 / AC32306 4058075211322 / AC32333 4058075054226 / AC32339		4058075132917 / AC32341		4058075434608 / AC32302 4058075434622 / AC32303 4058075448124 / AC32325 405807515958 / AC32334 4058075054240 / AC32340		4058075434967 / AC32321 4058075435001 / AC32322 4058075448063 / AC32323 4058075436886 / AC32328 405807512094 / AC32329		4058075434707 / AC41111 4058075245655 / AC41112 4058075245907 / AC41113 4058075245866 / AC41115		4058075245907 / AC32310 4058075245866 / AC32311		4058075437326 / AC32416					
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																										
2001	63533	230/50Hz	29,08	T				51-0%																						
2007	63533	230/50Hz	24,08	T																										
ABB	STD 50-3	230/50Hz	60-500	L	97-0%	98-2%	96-17%	95-17%	95-18%	93-19%	97-2%	96-2%	77-0%	97-0%	91-0%	100-1%	91-0%	100-1%	96-17%	95-17%	100-10%			95-18%	93-19%	100-14%	100-17%			
Altenburger	50,3	230/50Hz					93-24%	90-8%	92-19%				95-0%	85-0%	88-0%		88-0%		93-24%	90-8%	98-24%	99-17%		92-19%		98-22%	95-16%			
AURORA	DSP 400	230/50Hz	400	L	96-0%	98-0%	58-0%	95-0%		91-0%			97-0%	74-0%	91-0%	91-0%	98-0%	91-0%	98-0%	58-0%	95-0%	100-0%	100-0%		91-0%	100-0%	100-0%			
Berker	2861	230/50Hz	50-420	U									97-0%	85-0%							100-38%	100-19%			95-34%	98-31%				
Bticino	L/N/NT4411N	230/50Hz			87-0%	97-0%	96-10%	96-0%	92-5%	94-0%	83-0%	84-0%			79-0%	83-0%	79-0%	83-0%	96-10%	96-0%	98-10%	100-11%	92-5%	94-0%	99-9%	98-11%				
Bticino	L/N/NT4408	230/50Hz												87-0%							98-0%	98-0%			100-0%	99-0%				
Bticino	NT4402N	230/50Hz	500	R			91-21%	92-21%	89-20%	89-21%			83-0%						91-21%	92-21%	98-33%	97-33%		89-20%	89-21%	73-15%				
Busch-Jaeger	6513 U-102	230/50Hz	420	T	97-0%	97-0%		93-18%	93-26%	90-16%			98-0%	98-0%	99-0%	93-0%	94-0%	93-0%	94-0%		93-18%		100-20%	93-26%	90-16%	99-27%	99-23%			
Busch-Jaeger	6523 U-102	230/50Hz	40-420	T	70-0%	92-0%	100-34%	95-15%	89-0%	92-14%			98-36%	97-0%	98-0%	70-0%	72-0%	70-0%	72-0%	100-34%	95-15%		100-0%	89-0%	92-14%	100-44%				
Busch-Jaeger	2250 U	230/50Hz	60-600	L		97-0%	87-1%	97-0%	86-0%	95-0%											87-1%	97-0%	100-38%		86-0%	95-0%	100-0%			
Busch-Jaeger	6526 U	230/50Hz											97-0%	79-0%																
CENTURY CONTROL	MULTI DIMMER	230/50Hz	60-600	U	96-0%	99-0%	91-3%	97-0%	91-1%	95-0%	70-0%	92-0%	82-0%	98-0%	88-0%	98-0%	88-0%	98-0%	91-3%	97-0%	96-7%	98-8%	91-1%	95-0%	98-2%	100-5%				
DimMax	420 SL	230/50Hz	200	L/T	99-0%	97-0%	100-2%	100-2%	100-2%	99-2%	99-0%		92-0%	84-0%	91-0%	93-0%	91-0%	93-0%	100-2%	100-2%	100-9%	100-8%	100-2%	99-2%	98-10%	100-10%				
DINJY	RE ELL LE1	230/50Hz	400	LED	98-2%	96-3%	99-26%	100-26%	99-24%	97-23%	96-24%	95-23%	85-0%	85-0%	93-1%	99-1%	93-1%	99-1%	99-26%	100-26%	98-8%	98-7%	99-24%	97-23%	100-11%	99-10%				
ELKO	400GU	230/50Hz			81-0%	90-0%	83-0%	91-6%		88-4%					69-0%	69-0%	69-0%	69-0%	83-0%	91-6%				88-4%	100-0%	100-0%				
ELKO	315GLE	230/50Hz	20-315	T							97-0%	54-0%	92-0%	97-0%												99-8%	98-7%			
ELKO	600GLE/l	230/50Hz			91-0%	91-0%	93-0%	96-14%	91-0%	93-15%	86-0%	82-0%		98-0%	85-0%	75-0%	85-0%	75-0%	93-0%	96-14%	98-26%	97-33%	91-0%	93-15%	100-12%	100-14%				
ELKO	600GU	230/50Hz	40-600	U	99-0%	95-0%	91-0%	94-6%	90-0%	91-8%	88-0%	88-0%	92-0%	91-0%	79-0%	78-0%	79-0%	78-0%	91-0%	94-6%			100-18%	90-0%	91-8%	100-12%	100-11%			
ELKO	420GLE/l	230/50Hz	40-420	U	85-0%		98-7%	96-5%	96-5%	93-5%	82-0%	93-0%	98-0%	98-0%	88-0%		88-0%		98-7%	96-5%	99-9%	99-10%	96-5%	93-5%	100-10%	100-9%				
ELKO	1000LRl	230/50Hz			98-0%		100-0%	99-0%	99-0%	98-0%	97-0%	97-0%	96-0%	91-0%	90-0%	99-0%	99-0%	99-0%	100-0%	99-0%	98-0%	99-0%	99-0%	98-0%	100-101%	100-101%				
ELKO	630GLE	230/50Hz	20-630	U	99-0%	74-0%	92-23%	92-14%	93-19%	88-13%	67-12%	95-0%	92-0%							92-23%	92-14%			100-20%	93-19%	88-13%	99-29%	100-24%		
Eitako	EUD61NPN-UC	230/50Hz	5-400	R / L / C	98-0%	97-0%	89-0%	88-0%	88-0%	87-0%	99-0%	99-0%	85-0%	85-0%	94-0%	99-0%	94-0%	99-0%	89-0%	88-0%	99-0%	99-0%	88-0%	87-0%	97-6%	97-5%				
Feller	40200.LEDxxx	230/50Hz			100-0%		91-14%	88-10%	89-14%	85-10%			98-0%	96-0%					91-14%	88-10%	100-30%			89-14%	85-10%	96-6%	99-24%			
Feller	40600.RLC	230/50Hz	20-600	U	91-0%	91-0%	93-0%	96-14%	91-0%	93-15%	86-0%	82-0%		98-0%	85-0%	75-0%	85-0%	75-0%	93-0%	96-14%	98-26%	97-33%	91-0%	93-15%	100-12%	100-14%				
Feller	40600.RC	230/50Hz			99-0%	74-0%	92-23%	92-14%	93-19%	88-13%			67-12%	95-0%	92-0%				92-23%	92-14%			100-20%	93-19%	88-13%	99-29%	100-24%			
Feller	40600.RL	230/50Hz			99-0%	95-0%	91-0%	94-6%	90-0%	91-8%	88-0%	88-0%	92-0%	91-0%	79-0%	78-0%	79-0%	78-0%	91-0%	94-6%			100-18%	90-0%	91-8%	100-12%	100-11%			
Feller	40420.RLC	230/50Hz			85-0%		98-7%	96-5%	96-5%	93-5%	82-0%	93-0%	89-0%	98-0%	88-0%		88-0%		98-7%	96-5%	99-9%	99-10%	96-5%	93-5%	100-10%	100-9%				
Feller	31000	230/50Hz			98-0%		100-0%	99-0%	99-0%	98-0%	97-0%	97-0%	96-0%	91-0%	90-0%	99-0%	99-0%	99-0%	100-0%	99-0%	98-0%	99-0%	99-0%	98-0%	100-101%	100-101%				
GIRA	226200	230/50Hz			87-2%	97-0%	96-20%	96-3%	92-14%	94-3%	85-0%	87-0%	85-0%	97-0%	79-0%	83-0%	79-0%	83-0%	96-20%	96-3%	98-2%	99-3%	92-14%	94-3%	98-0%	100-0%				
Gira	030700	230/50Hz	20-525	T	99-0%	99-0%	92-21%	90-11%	92-19%	87-11%			98-0%	80-0%	98-0%	96-0%	93-0%	94-0%	93-0%	94-0%	92-21%	90-11%	100-25%	100-22%	92-19%	87-11%	98-27%	98-22%		
Gira	117600	230/50Hz	50-420	U										100-0%	97-0%											98-33%	99-31%			
Gira	238500	230/50Hz											82-0%	84-0%	99-0%	99-0%							97-11%	95-10%		99-5%	99-6%			
Gira	217400	230/50Hz	4X20-250	KNX-U	98-29%	98-23%	97-18%	95-10%	97-16%	93-10%	97-29%		81-0%	83-0%	93-0%	99-19%	93-0%	99-19%	97-18%	95-10%	98-0%	99-16%	97-16%	93-10%	98-0%	98-0%				

## DIMMER COMPATIBILITY CLASSIC A (Filament)

Legend		SUPERSTAR PLUS CL A 60 Filament/GL FR		SUPERSTAR PLUS CL A 75 Filament/GL FR		SUPERSTAR PLUS CL A 100 Filament/GL FR		SUPERSTAR CL A 25 Filament/GL FR		SUPERSTAR CL A 40 Filament/GL FR		SUPERSTAR CL A 50 FIL Mirror Silver		SUPERSTAR CL A 60 Filament/GL FR		SUPERSTAR CL A 75 Filament/GL FR		SUPERSTAR CL A 100 Filament/GL FR		RETROFIT CL A 100 / Frosted		SUPERSTAR CL A 150 Frosted					
	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		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code					
		4058075602458 / AC33980 4058075602472 / AC33981 4058075602571 / AC33986 4058075602595 / AC33987		4058075602496 / AC33982 4058075602519 / AC33983 4058075602618 / AC33988 4058075602632 / AC33989		4058075602533 / AC33984 4058075602557 / AC33985 4058075602656 / AC33990 4058075602670 / AC33991 4058075602694 / AC33992 4058075602717 / AC33993		4058075211261 / AC32326 4058075211346 / AC32327		4058075434660 / AC32306 4058075211322 / AC32333 4058075054226 / AC32339		4058075132917 / AC32341		4058075434608 / AC32302 4058075434622 / AC32303 4058075448063 / AC32325 405807515958 / AC32334 4058075054240 / AC32340		4058075434967 / AC32321 4058075435001 / AC32322 4058075448063 / AC32323 4058075436886 / AC32328 405807512094 / AC32329		4058075434707 / AC41111 4058075245655 / AC41112 4058075245907 / AC41113 4058075245860 / AC41114 4058075448100 / AC41115		4058075245907 / AC32310 4058075245860 / AC32311		4058075437326 / AC32416					
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	Dimming range 1 Lamp	Dimming range 4 Lamps					
Brand	Model	Voltage range	Power	Type																							
Hager	WUD87	230/50Hz	400	LED-U	85-0%	63-0%	88-21%	89-11%	87-18%	89-12%	82-0%	83-0%	77-0%	82-0%	88-0%		88-0%		88-21%	89-11%	100-20%	97-16%	87-18%	89-12%	97-23%	96-18%	
Hamilton	KP1X40	230/50Hz	400																								
Hugo Müller	paladin 872110 led	230/50Hz			98-2%	96-3%	99-26%	100-26%	99-24%	97-23%	96-24%	95-23%			93-1%	99-1%	93-1%	99-1%	99-26%	100-26%	98-8%	98-7%	99-24%	97-23%	100-11%	99-10%	
Jung	225 NVDE	230/50Hz	20-500	L	87-2%	97-0%	96-20%	96-3%	92-14%	94-3%	85-0%	87-0%	85-0%	97-0%	79-0%	83-0%	79-0%	83-0%	96-20%	96-3%	98-2%	99-3%	92-14%	94-3%	98-0%	100-0%	
Jung	225 TDE	230/50Hz			99-0%	99-0%	92-21%	90-11%	92-19%	87-11%					93-0%	94-0%	93-0%	94-0%	92-21%	90-11%	100-25%	100-22%	92-19%	87-11%	98-27%	98-22%	
Jung	254 UDI E1	230/50Hz											100-0%	97-0%							100-37%				98-33%	99-31%	
Jung	1224 LEDUDE	230/50Hz		LED							82-0%	84-0%	99-0%	99-0%					97-11%	95-10%					99-5%	99-6%	
Jung	3904 REGHE	230/50Hz			98-29%	98-23%	97-18%	95-10%	97-16%	93-10%	97-29%							97-18%	95-10%	98-0%	99-16%	97-16%	93-10%	98-0%	98-0%		
Legrand	665114	230/50Hz	400	U	87-0%	97-0%	96-10%	96-0%	92-5%	94-0%	83-0%	84-0%			79-0%	83-0%	79-0%	83-0%	96-10%	96-0%	98-10%	100-11%	92-5%	94-0%	99-9%	98-11%	
Legrand	574319/574339	230/50Hz	400	U	87-0%	97-0%	96-10%	96-0%	92-5%	94-0%	83-0%	84-0%			79-0%	83-0%	79-0%	83-0%	96-10%	96-0%	98-10%	100-11%	92-5%	94-0%	99-9%	98-11%	
Legrand	572239/572739	230/50Hz	400	U	87-0%	97-0%	96-10%	96-0%	92-5%	94-0%	83-0%	84-0%			79-0%	83-0%	79-0%	83-0%	96-10%	96-0%	98-10%	100-11%	92-5%	94-0%	99-9%	98-11%	
Legrand	078407/079207	230/50Hz	400	U	87-0%	97-0%	96-10%	96-0%	92-5%	94-0%	83-0%	84-0%			79-0%	83-0%	79-0%	83-0%	96-10%	96-0%	98-10%	100-11%	92-5%	94-0%	99-9%	98-11%	
Legrand	048869/048871	230/50Hz	400	U	87-0%	97-0%	96-10%	96-0%	92-5%	94-0%	83-0%	84-0%			79-0%	83-0%	79-0%	83-0%	96-10%	96-0%	98-10%	100-11%	92-5%	94-0%	99-9%	98-11%	
Legrand	067083/048869	230/50Hz	400	U	87-0%	97-0%	96-10%	96-0%	92-5%	94-0%	83-0%	84-0%			79-0%	83-0%	79-0%	83-0%	96-10%	96-0%	98-10%	100-11%	92-5%	94-0%	99-9%	98-11%	
Legrand	770061	230/50Hz	400	RL									82-0%														
Legrand	099314	230/50Hz	300	RL									74-0%	85-0%							98-7%	98-6%				98-5%	
Legrand	770062	230/50Hz	400	RLC	99-0%	99-0%	85-0%	85-0%	83-0%	83-0%	96-0%	98-0%			100-0%				98-0%		83-0%	83-0%			100-0%	98-5%	
Legrand	078405	230/50Hz	600	RL									75-0%	87-0%							98-0%	98-0%				100-0%	
MASTER	DM-DGL	230/50Hz	1000	U / LED	98-37%		97-45%	100-45%			95-37%	96-38%	77-0%	85-0%	88-30%	99-43%	88-30%	99-43%	97-45%	100-45%	98-92%				98-8%		
MASTER	DM-2500	230/50Hz	2500	U / LED	98-0%	97-0%	98-0%	100-0%	99-0%	97-0%	93-0%	93-0%	74-0%	83-0%	90-0%	98-0%	90-0%	98-0%	100-0%			98-0%	99-0%	97-0%	100-0%	100-0%	
Merten	MEGS136-0000	230/50Hz									97-0%	54-0%		97-0%							98-8%	96-8%				98-8%	
Merten	MEGS134-0000	230/50Hz			100-0%		91-14%	88-10%	89-14%	85-10%			98-0%	96-0%					91-14%	88-10%	100-30%			89-14%	85-10%	96-26%	99-24%
Merten	MEGS139-0000	230/50Hz			91-0%	91-0%	93-0%	96-14%	91-0%	93-15%	86-0%	82-0%		98-0%	85-0%	75-0%	85-0%	75-0%	93-0%	96-14%	98-26%	97-33%	91-0%	93-15%	100-12%	100-14%	
Merten	MEGS137-0000	230/50Hz			99-0%	74-0%	92-23%	92-14%	93-19%	88-13%	67-12%	95-0%	92-0%		92-0%			92-23%	92-14%			100-20%	93-19%	88-13%	99-29%	100-24%	
Merten	MEGS133-0000	230/50Hz			99-0%	95-0%	91-0%	94-6%	90-0%	91-8%	88-0%	88-0%	92-0%	91-0%	79-0%	78-0%	79-0%	78-0%	91-0%	94-6%			100-18%	90-0%	91-8%	100-11%	
Merten	MEGS138-0000	230/50Hz			85-0%		98-7%	96-5%	96-5%	93-5%	82-0%	93-0%	89-0%	98-0%	88-0%			98-7%	96-5%			99-9%	99-10%	96-5%	93-5%	100-10%	100-9%
Merten	MEG 5170-0300	230/50Hz	10-200	U									65-0%	85-0%	89-0%						90-35%	87-33%	85-15%		91-34%	88-31%	
Merten	MEG 5131	230/50Hz	40-400	L	90-0%	91-0%	92-0%	96-0%	91-0%	94-0%	87-0%	85-0%	63-0%	83-0%	69-0%	75-0%	69-0%	75-0%	92-0%	96-0%	99-0%	98-0%	91-0%	94-0%	100-0%	100-0%	
Merten	MEG 5132	230/50Hz			90-0%	91-0%	92-0%	96-0%	91-0%	94-0%	87-0%	85-0%	63-0%	83-0%	69-0%	75-0%	69-0%	75-0%	92-0%	96-0%	99-0%	98-0%	91-0%	94-0%	100-0%	100-0%	
Merten	MEG 5140	230/50Hz	9-100	L	89-0%	96-0%	84-0%	90-0%	83-0%	86-0%			85-0%	58-0%	82-0%	67-0%	78-0%	67-0%	78-0%	84-0%	90-0%	96-0%	100-0%	83-0%	86-0%	88-0%	99-0%
Merten	MEG 5135	230/50Hz	60-1000	L	98-0%		100-0%	99-0%	99-0%	98-0%	97-0%	97-0%	96-0%		91-0%	90-0%	99-0%	99-0%	100-0%	99-0%	98-0%	99-0%	98-0%	98-0%	100-101%	100-101%	
MK	K4501	230/50Hz	180	L	99-0%	99-0%	80-3%	88-7%	80-3%	86-7%	96-0%	96-0%			99-0%	94-0%	100-0%	94-0%	100-0%	80-3%	88-7%	97-15%	99-13%	80-3%	86-7%	100-11%	100-13%
NEXUS	881P-01	230/50Hz	400	L	95-0%	98-0%	94-0%	99-0%	79-0%	97-0%	52-0%	96-0%	69-0%	98-0%	82-0%	96-0%	94-0%	99-0%			96-0%	79-0%	97-0%	97-0%	98-0%	99-0%	
NIKO	310-0190001901	230/50Hz	5-200	U	98-0%	97-0%	99-0%	100-0%	100-0%	97-0%	98-0%	97-0%	85-0%	85-0%	94-0%	100-0%	94-0%	100-0%	99-0%	100-0%	98-6%	99-6%	100-0%	97-0%	100-5%	100-5%	
NIKO	330-0070000701	230/50Hz	5-200	U	98-4%	99-5%	98-30%	97-29%	95-32%	93-26%	98-0%	97-0%	65-0%	85-0%	93-1%	100-2%	93-1%	100-2%	98-30%	97-29%	99-4%	98-4%	95-32%	93-26%	100-15%	100-14%	

# DIMMER COMPATIBILITY CLASSIC A (Filament)

Legend						SUPERSTAR PLUS CL A 60 Filament/GL FR	SUPERSTAR PLUS CL A 75 Filament/GL FR	SUPERSTAR PLUS CL A 100 Filament/GL FR	SUPERSTAR CL A 25 Filament/GL FR	SUPERSTAR CL A 40 Filament/GL FR	SUPERSTAR CL A 50 FIL Mirror Silver	SUPERSTAR CL A 60 Filament/GL FR	SUPERSTAR CL A 75 Filament/GL FR	SUPERSTAR CL A 100 Filament/GL FR	RETROFIT CL A 100 / Frosted	SUPERSTAR CL A 150 Frosted													
	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	EAN/ Basic Code	EAN/ Basic Code	EAN/ Basic Code													
						4058075602458 / AC33980 4058075602472 / AC33981 4058075602571 / AC33986 4058075602595 / AC33987	4058075602496 / AC33982 4058075602519 / AC33983 4058075602618 / AC33988 4058075602632 / AC33989	4058075602533 / AC33984 4058075602557 / AC33985 4058075602656 / AC33990 4058075602670 / AC33991 4058075602694 / AC33992 4058075602717 / AC33993	4058075211261 / AC32326 4058075211346 / AC32327	4058075434660 / AC32306 4058075211322 / AC32333 4058075054226 / AC32339	4058075132917 / AC32341	4058075434608 / AC32302 4058075434622 / AC32303 4058075448124 / AC32325 405807515958 / AC32334 4058075054240 / AC32340	4058075434967 / AC32321 4058075435001 / AC32322 4058075448063 / AC32323 4058075436886 / AC32328 405807512094 / AC32329	4058075434707 / AC41111 4058075245655 / AC41112 4058075245907 / AC41113 4058075245860 / AC41114 4058075448100 / AC41115	4058075245907 / AC32310 4058075245860 / AC32311	4058075437326 / AC32416													
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																									
Odace	S520512	230/50Hz				100-0%		91-14%	88-10%	89-14%	85-10%		98-0%	96-0%			91-14%	88-10%	100-30%		89-14%	85-10%	96-26%	99-24%					
Odace	S520511	230/50Hz				99-0%	95-0%	91-0%	94-6%	90-0%	91-8%	88-0%	88-0%	88-0%	79-0%	78-0%	79-0%	78-0%	91-0%	94-6%		100-18%	90-0%	91-8%	100-12%	100-11%			
Odace	S520515	230/50Hz				85-0%		98-7%	96-5%	96-5%	93-5%	82-0%	93-0%	89-0%	98-0%	88-0%	88-0%	88-0%	98-7%	96-5%	99-9%	99-10%	96-5%	93-5%	100-10%	100-9%			
Odace	S520518	230/50Hz				89-0%	96-0%	84-0%	90-0%	83-0%	86-0%		85-0%	58-0%	82-0%	67-0%	78-0%	67-0%	78-0%	84-0%	90-0%	96-0%	100-0%	83-0%	86-0%	88-0%	99-0%		
Osram	HTI DALI 315 DIM	230/50Hz	20-315	DALI-T		99-0%	99-0%	99-7%	99-7%		97-6%		98-0%	97-0%		100-0%	94-0%	94-0%	94-0%	99-7%	99-7%	97-15%	100-15%		97-6%	100-17%	100-16%		
PEHA	435 HAN	230/50Hz	60-600	L		88-0%	94-0%	83-4%	86-2%	82-4%	84-2%		87-0%			81-0%	66-0%	78-0%	66-0%	78-0%	83-4%	86-2%	97-16%	99-15%	82-4%	84-2%	98-18%	100-18%	
Schneider	400GU	230/50Hz	40-400	T		81-0%	90-0%	83-0%	91-6%		88-4%					69-0%	69-0%	69-0%	83-0%	91-6%					88-4%	100-0%	100-0%		
Schneider	SBD315RC	230/50Hz								97-0%	54-0%					97-0%										98-8%	96-8%	99-8%	98-7%
Schneider	SBD200LED	230/50Hz	400			100-0%		91-14%	88-10%	89-14%	85-10%		98-0%	96-0%					91-14%	88-10%	100-30%			89-14%	85-10%	96-26%	99-24%		
Schneider	SBD600RCRL	230/50Hz				91-0%	91-0%	93-0%	96-14%	91-0%	93-15%	86-0%	82-0%			98-0%	85-0%	75-0%	85-0%	75-0%	93-0%	96-14%	98-26%	97-33%	91-0%	93-15%	100-12%	100-14%	
Schneider	SBD630RC	230/50Hz				99-0%	74-0%	92-23%	92-14%	93-19%	88-13%		67-12%	95-0%	92-0%				92-23%	92-14%		100-20%	93-19%	88-13%	99-29%	100-24%			
Schneider	SBD600RL	230/50Hz				99-0%	95-0%	91-0%	94-6%	90-0%	91-8%	88-0%	88-0%	92-0%	91-0%	79-0%	78-0%	79-0%	78-0%	91-0%	94-6%			100-18%	90-0%	91-8%	100-12%	100-11%	
Schneider	SBD420RCRL	230/50Hz				85-0%		98-7%	96-5%	96-5%	93-5%	82-0%	93-0%	98-0%	98-0%	88-0%			98-0%	96-5%	99-9%	99-10%	96-5%	93-5%	100-10%	100-9%			
Schneider	S170	230/50Hz									85-15%		65-0%	85-0%	89-0%						90-35%	87-33%	85-15%		91-34%	88-31%			
Schneider	SBD400RL	230/50Hz				90-0%	91-0%	92-0%	96-0%	91-0%	94-0%	87-0%	85-0%	63-0%	83-0%	69-0%	75-0%	69-0%	75-0%	92-0%	96-0%	99-0%	98-0%	91-0%	94-0%	100-0%	100-0%		
Schneider	SBD5PL	230/50Hz				89-0%	96-0%	84-0%	90-0%	83-0%	86-0%		85-0%	58-0%	82-0%	67-0%	78-0%	67-0%	78-0%	84-0%	90-0%	96-0%	100-0%	83-0%	86-0%	88-0%	99-0%		
Schneider	ATTD1000RL	230/50Hz				98-0%		100-0%	99-0%	99-0%	98-0%		97-0%	97-0%		96-0%	91-0%	90-0%	99-0%	90-0%	99-0%	100-0%	99-0%	99-0%	98-0%	100-101%	100-101%		
Shuttle	SDIM-T-LED-500W	230/50Hz	2-500	T & LED-T		98-0%	63-0%	93-2%	96-2%	94-2%	93-3%	88-0%	97-0%	86-0%	92-0%	89-0%	99-0%	89-0%	99-0%	99-0%	97-10%	97-10%	94-2%	93-3%	98-12%	96-13%			
Siemens	5TC8 284	230/50Hz	20-525	T		73-2%	73-0%	78-20%	64-3%		75-14%	61-3%	97-15%	65-0%													99-15%	98-11%	
Siemens	5WG1-527-1AB31	230/50Hz	20-500	KNX-U		98-0%								85-0%	85-0%														
theben	DIMAX 544 plus P	230/50Hz	250	T						100-0%	99-0%			93-0%	95-0%												100-23%	100-22%	
theben	DIMAX 534 plus	230/50Hz	400	T		99-0%	99-0%	100-6%	99-6%	97-6%	97-0%			100-0%	100-0%	90-0%	99-0%	90-0%	99-0%	100-6%	99-6%	99-11%	99-5%	97-6%	97-0%	97-2%	97-4%		
VADSBO	LD 220	230/50Hz	1-200	U		98-0%		100-0%		99-0%			97-0%	97-0%		83-0%	89-0%	90-0%	99-0%	90-0%	99-0%	100-0%		97-1%	97-4%	99-0%			
VARI LIGHT	HQ3W	230/50Hz	400			97-2%	98-3%	85-18%	84-19%		83-18%					65-0%	91-0%	92-1%	99-1%	92-1%	99-1%	85-18%	84-19%	98-38%	98-42%	83-18%		98-8%	
VARI LIGHT	JQP401W	230/50Hz	400	T										96-0%	97-0%		99-0%										99-9%	100-9%	
Vimar	20135	230/50Hz	3 - 100	U		99-0%	99-0%	97-2%	96-3%	94-2%	92-2%		98-0%	98-0%	58-0%	74-0%	94-0%	100-0%	94-0%	100-0%	97-2%	96-3%		97-8%	99-8%	94-2%	92-2%	100-9%	99-9%
ZANO	WH401	230/50Hz	400	L												97-0%	96-0%										99-0%	100-0%	
ZANO	WH251	230/50Hz	250				97-0%	67-0%	97-0%	65-0%	94-0%					85-0%	97-0%		98-0%								100-0%	100-0%	
ZANO	Z GRID 700	230/50Hz	250	LED												98-0%	95-0%												
ZANO	Z GRID 600	230/50Hz	250	T		93-0%	98-0%	92-0%	100-0%	93-0%	97-0%	84-0%	82-0%			87-0%	98-0%	87-0%	98-0%	92-0%	100-0%				93-0%	97-0%			
ZANO	Z GRID 500	230/50Hz	500			93-0%	98-0%	95-0%	100-0%	74-0%	96-0%	98-0%	97-0%			98-0%		81-0%	96-0%	81-0%	96-0%	95-0%	100-0%		100-0%	74-0%	96-0%	99-0%	100-0%

**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.