

## DIMMER COMPATIBILITY CL A

### BASIC INFORMATION:

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

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



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

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

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

List of dimmers tested in laboratory conditions

Legend					PARATHOM DIM CL P							
<span style="background-color: #90EE90; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	Very good dimmability with indicated number of lamps (dimming range greater than 75%)				25 Glass Frosted		25 FIL		40 Frosted		40	
<span style="background-color: #FFFF00; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	Limited dimmability with indicated number of lamps (dimming range smaller than 75%)											
<span style="background-color: #FF0000; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	Undesired dimmability				EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code	
<span style="background-color: #CCCCCC; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	Not relevant				1058075101319 / AC08257 1058075101333 / AC08258		4058075108165 / AC08255		4058075147935 / AC08399		4058075101418 / AC08259 4058075101395 / AC08317 4058075101432 / AC08318	
Dimmer					Dimming	Dimming	Dimming	Dimming	Dimming	Dimming	Dimming	Dimming
Brand	Model	Voltage range	Power	Type	range 1	range 4	range 1	range 4	range 1	range 4	range 1	range 4
ABB	STD 50-3	230/50Hz	60-500	L	89-3%	100-5%	89-3%	100-5%			88-2%	99-5%
Altenburger	50,3	230/50Hz	400	R	100-3%	100-3%	100-3%	100-3%			97-2%	97-2%
AURORA	DSP 400	230/50Hz	400	R		100-3%		100-3%	96-0%	96-0%		
Berker	2861	230/50Hz	50-420	U	96-10%	99-8%	96-10%	99-8%			100-1%	99-9%
blicino	NT4402N	230/50Hz	500	R			96-4%	96-4%				85-2%
Bticino	NT4408HC/HD/HS4z	230/50Hz			100-3%	100-3%	100-3%	100-3%	94-0%	96-0%		97-1%
Bticino	L/N/NT4411N	230/50Hz			100-3%	100-3%	100-3%	100-3%	94-9%	96-3%		97-2%
Busch-Jaeger	2250 U	230/50Hz	60-600	L		40-3%		40-3%				
Busch-Jaeger	6513 U-102	230/50Hz	420	T		100-3%		100-3%			97-6%	97-1%
Busch-Jaeger	6526 U	230/50Hz			100-12%	100-3%	100-12%	100-3%			96-8%	99-6%
Busch-Jaeger	6523 U-102	230/50Hz	40-420	T		100-13%		100-13%		96-6%		97-10%
CENTURY CONTROL	MULTI DIMMER	230/50Hz	60-600	U	95-3%	99-3%	95-3%	99-3%				96-1%
DINUY	REL1 LE1	230/50Hz	400	LED	100-3%	100-3%	100-3%	100-3%	96-4%	96-4%	100-1%	100-2%
ELKO	400GLI	230/50Hz				93-3%		93-3%				85-2%
ELKO	315GLE	230/50Hz	20-	T		100-3%		100-3%				96-2%
ELKO	600GLI	230/50Hz	40-600	U	100-3%	100-6%	100-3%	100-6%			99-2%	100-2%
ELKO	420GLE/I	230/50Hz	40-420	U		101-3%		101-3%		94-6%		97-2%

Information about the OSRAM lamp type

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

## DIMMER KOMPATIBILITÄT CL A

### BASISINFORMATIONEN:

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

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



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

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

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

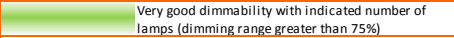


















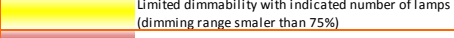
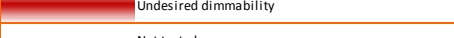

Liste der getesteten Dimmer

Legend					PARATHOM DIM CLP			
					2.5 Glass Frosted	25 FIL	40 Frosted	40
Very good dimmability with indicated number of lamps (minimum recommended lamp 7.5%)								
Limited dimmability with indicated number of lamps (minimum recommended lamp 7.5%)								
Undesired dimmability								
Not relevant								
Dimmer					AC01770-50 / AC01770-60	AC01770-50 / AC01770-60	AC01770-50 / AC01770-60	AC01770-50 / AC01770-60
Brand	Model	Voltage range	Power	Type	1 lamp	2 lamp	3 lamp	4 lamp
ABB	STO 50-3	230/50 Hz	60-500	L	95-10%	95-10%	95-10%	95-10%
Alemburger	S.O.3	230/50 Hz			100-2%	100-2%	100-2%	100-2%
AURORA	OSP 400	230/50 Hz	400	R	95-10%	95-10%	95-10%	95-10%
Beimar	28 61	230/50 Hz	50-420	U	100-2%	100-2%	100-2%	100-2%
Belcho	NT44 02 IN	230/50 Hz	500	R	100-2%	100-2%	100-2%	100-2%
Belcho	NT44 08 HC (H0, H54)	230/50 Hz			100-2%	100-2%	100-2%	100-2%
Belcho	L/N/NT44 11N	230/50 Hz			100-2%	100-2%	100-2%	100-2%
Schwaiger	21 50 U	230/50 Hz	60-600	L	100-2%	100-2%	100-2%	100-2%
Schwaiger	651 2 U-10 2	230/50 Hz	420	T	100-2%	100-2%	100-2%	100-2%
Schwaiger	66 28 U	230/50 Hz			100-12%	100-2%	100-12%	100-2%
Schwaiger	651 2 U-10 2	230/50 Hz	40-420	T	100-12%	100-12%	100-12%	100-12%
Schwaiger	651 2 U-10 2	230/50 Hz	60-600	U	95-2%	95-2%	95-2%	95-2%
CENTURY CONTROL	MSLTP100SER	230/50 Hz			100-2%	100-2%	100-2%	100-2%
DINVOY	60 61 L 60	230/50 Hz	400	LED	100-2%	100-2%	100-2%	100-2%
ELKO	40 0GLI	230/50 Hz			100-2%	100-2%	100-2%	100-2%
ELKO	215 0GLI	230/50 Hz	30-	T	100-2%	100-2%	100-2%	100-2%
ELKO	60 0GLI	230/50 Hz	40-600	U	100-2%	100-2%	100-2%	100-2%
ELKO	42 0GLI	230/50 Hz	40-420	U	100-2%	100-2%	100-2%	100-2%

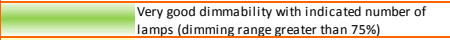





















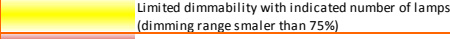


Angaben zum OSRAM Lampentyp

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

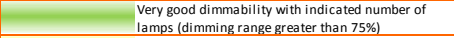










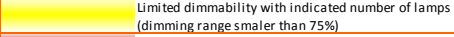
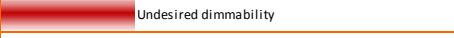

## DIMMER COMPATIBILITY CL A

Legend						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 60 Frosted		SUPERSTAR CL A 75 Filament/GL FR		SUPERSTAR CL A 75 Frosted		SUPERSTAR CL A 100 Frosted		SUPERSTAR CL A 100 Frosted				
	Very good dimmability with indicated number of lamps (dimming range greater than 75%)																									
	Limited dimmability with indicated number of lamps (dimming range smaller than 75%)					EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code				
	Undesired dimmability					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				
	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				
						4058075107564 / AC08108 4058075107526 / AC08109		4052899961920 / AC08110 4058075054226 / AC08112 4052899959132 / AC08112 4058075132658 / AC09765		4058075132917 / AC10176		4058075107588 / AC08113 4058075115958 / AC08114 4052899961869 / AC08114 4058075808249 / AC08115 4058075808287 / AC08117 4058075054240 / AC08118 4052899941465 / AC08118		4052899278219 / AC08363		4058075808324 / AC08119 4058075107809 / AC08120 4058075107687 / AC08121 4058075112094 / AC08122 4058075808300 / AC08122 4058075107700 / AC08123		4052899153738 / AC08365		4058075116832 / AC08125 4058075116795 / AC08125 4058075116955 / AC08126 4058075116818 / AC08127 4058075116979 / AC08128		4052899935440 / AC08366		4052899959200 / AC10701		
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																						
ABB	STD 50-3	230/50Hz	60-500	L		89-3%	100-5%	89-2%	99-5%	100-1%	100-1%	100-1%	100-1%			100-15%	100-13%	100-17%	99-18%	96-13%		98-43%	98-44%	96-12%	96-10%	
Altenburger	50,3	230/50Hz				100-3%	100-3%	97-2%	97-2%			100-1%				100-23%	100-13%	100-18%	99-13%		97-12%					
AURORA	DSP 400	230/50Hz	400	R			100-3%							100-0%	100-0%			99-0%	99-0%			100-0%	100-0%	96-0%	98-0%	
Berker	2861	230/50Hz	50-420	U		96-10%	99-8%	100-11%	99-9%	100-5%	100-1%	100-5%	100-1%			100-33%	100-30%	99-33%	100-30%	98-32%	97-27%	98-40%	98-37%	96-27%	96-24%	
Bticino	L/N/NT4411N	230/50Hz				100-3%	100-3%	95-1%	97-2%	95-1%	98-2%	95-1%	98-2%	97-4%	97-1%			95-7%	94-4%	86-3%	86-3%	98-7%	98-7%	100-3%	98-3%	
Bticino	L/N/NT4408	230/50Hz				100-3%	100-3%		97-1%		100-1%		100-1%	55-0%	54-0%	100-1%	100-17%	100-0%	100-0%	96-1%	97-1%	98-0%	98-0%	98-0%	98-0%	
bticino	NT4402N	230/50Hz	500	R			96-4%		66-1%	100-1%		66-1%	100-1%			100-27%	100-27%	98-23%	98-23%	86-13%	85-13%	97-31%	97-30%	97-10%	96-8%	
Busch-Jaeger	6513 U-102	230/50Hz	420	T			100-3%	96-16%	97-1%	100-14%	100-1%	100-14%	100-1%	100-29%	100-22%			100-30%	99-22%		98-18%	100-29%	100-30%	100-20%	98-15%	
Busch-Jaeger	6523 U-102	230/50Hz	40-420	T			100-13%		97-10%		96-7%		96-7%	97-4%	100-6%	100-27%	100-39%	97-7%	96-7%	92-21%		98-8%	98-8%	100-24%	98-21%	
Busch-Jaeger	2250 U	230/50Hz	60-600	L			40-3%									100-9%	100-16%	100-12%	100-12%			98-14%	98-15%	96-6%	96-8%	
Busch-Jaeger	6526 U	230/50Hz				100-12%	100-3%	96-13%	99-15%	100-3%	100-1%	100-3%	100-1%			100-38%	100-42%	98-36%	98-38%	95-17%		98-0%	98-0%	95-19%	95-18%	
CENTURY CONTROL	MULTI DIMMER	230/50Hz	60-600	U		95-3%	99-3%	97-1%	97-1%	98-1%	100-1%	98-1%	100-1%			100-2%	100-7%	100-13%	100-14%	95-3%		100-15%	98-17%	98-4%	99-4%	
DINUY	RE EL1 LE1	230/50Hz	400	LED		100-3%	100-3%	100-1%	100-2%	100-1%	100-1%	100-1%	100-1%	55-2%	55-1%	100-1%	100-1%	100-3%	100-3%	99-1%		99-3%	100-4%			
ELKO	400GLI	230/50Hz					93-3%			78-1%		78-1%			100-47%			98-46%						100-0%	98-0%	
ELKO	315GLE	230/50Hz	20-315	T			100-3%		96-2%	84-1%	99-1%	84-1%	99-1%	100-29%			100-22%	99-26%	99-23%	97-24%	97-20%	100-25%	100-23%	99-22%	98-19%	
ELKO	600GLE/I	230/50Hz					100-3%	99-2%	100-2%	100-1%	100-1%	100-1%	100-1%	54-0%	54-0%	100-1%	100-2%	98-0%	98-0%	94-1%		98-0%	98-0%	98-0%	97-0%	
ELKO	600GLI	230/50Hz	40-600	U		100-3%	100-6%	86-2%	98-3%	100-1%	100-1%	100-1%	100-1%			100-17%	100-28%	98-11%	98-14%	95-8%		98-38%	98-39%	96-7%	96-7%	
ELKO	420GLE/I	230/50Hz	40-420	U			101-3%		98-2%		100-1%		100-1%	54-2%	54-2%	100-9%	100-8%	98-4%	98-4%	95-2%	93-1%	98-6%	98-5%	96-2%	96-2%	
ELKO	1000LRI	230/50Hz				99-3%	100-3%	95-1%	96-2%	100-1%	100-1%	100-1%	100-1%	55-0%	55-0%			100-0%	100-0%	98-1%		98-0%	98-0%	96-0%	96-0%	
ELKO	630GLE	230/50Hz	20-630	U		83-3%	100-3%	93-2%	100-2%	100-1%	100-1%	100-1%	100-1%			100-13%	100-10%	100-14%	99-13%	98-13%	97-10%	98-16%	98-14%	96-10%	96-8%	
Eltako	EUD61NPN-UC	230/50Hz	5-400	R / L / C		100-3%	100-3%	100-1%	100-2%	100-1%	100-1%	100-1%	100-1%	54-1%	54-1%	100-1%	100-1%	100-2%	99-2%	94-1%		99-1%	100-1%	95-0%	95-0%	
Feller	40200.LEDxxx	230/50Hz				100-3%	100-3%	99-3%	100-1%	100-1%	100-1%	100-1%	100-1%			100-23%	100-21%	99-24%	99-23%	97-22%	97-18%	98-28%	98-26%	97-18%	98-16%	
Feller	40600.RLC	230/50Hz	20-600	U			100-3%	99-2%	100-2%	100-1%	100-1%	100-1%	100-1%	54-0%	54-0%	100-1%	100-2%	98-0%	98-0%	94-1%		98-0%	98-0%	98-0%	97-0%	
Feller	40600.RC	230/50Hz				83-3%	100-3%	93-2%	100-2%		100-1%		100-1%			100-13%	100-10%	100-14%	99-13%	98-13%	97-10%	98-16%	98-14%	96-10%	96-8%	
Feller	40600.RL	230/50Hz				100-3%	100-6%	86-2%	98-3%		100-1%		100-1%			100-17%	100-28%	98-11%	98-14%	95-8%		98-38%	98-39%	96-7%	96-7%	
Feller	40420.RLC	230/50Hz					101-3%		98-2%		100-1%		100-1%	54-2%	54-2%	100-9%	100-8%	98-4%	98-4%	95-2%	93-1%	98-6%	98-5%	96-2%	96-2%	
Feller	31000	230/50Hz				99-3%	100-3%	95-1%	96-2%	100-1%	100-1%	100-1%	100-1%	55-0%	55-0%			100-0%	100-0%	98-1%		98-0%	98-0%	96-0%	96-0%	
GIRA	226200	230/50Hz				95-3%	100-3%	89-2%	97-1%					100-3%	100-0%			99-2%	99-0%			100-1%	100-0%	99-0%		
Gira	030700	230/50Hz	20-525	T		100-4%	101-3%	97-4%	96-2%					100-25%				100-19%	99-27%	98-23%	97-22%	95-17%	100-28%	99-28%	99-19%	98-17%
Gira	117600	230/50Hz	50-420	U		100-10%	100-8%	99-11%	100-8%	98-6%		98-6%				100-29%	100-30%	99-33%	99-31%	91-31%	97-28%	98-40%	98-38%	99-27%	98-24%	
Gira	238500	230/50Hz				85-3%	101-3%	96-1%	99-1%	100-1%		100-1%			55-1%	100-4%	100-8%	100-13%	100-11%	97-3%		99-16%	98-14%	96-0%	96-0%	

## DIMMER COMPATIBILITY CL A

Legend					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 60 Frosted		SUPERSTAR CL A 75 Filament/GL FR		SUPERSTAR CL A 75 Frosted		SUPERSTAR CL A 100 Frosted		SUPERSTAR CL A 100 Frosted		SUPERSTAR CL A 150 Frosted					
	Very good dimmability with indicated number of lamps (dimming range greater than 75%)																											
	Limited dimmability with indicated number of lamps (dimming range smaller than 75%)				EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code			
	Undesired dimmability				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			
	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			
					4058075 107564 / AC08108 4058075 107526 / AC08109		4052899961920 / AC08110 4058075054226 / AC08112 4052899959132 / AC08112 4058075 132658 / AC09765		4058075 132917 / AC10176		4058075 107588 / AC08113 4058075 115958 / AC08114 4052899961869 / AC08114 4058075808249 / AC08115 4058075808287 / AC08117 4058075054240 / AC08118 4052899941465 / AC08118		4052899278219 / AC08363		4058075808324 / AC08119 4058075107809 / AC08120 4058075107687 / AC08121 4058075112094 / AC08122 4058075808300 / AC08122 4058075107700 / AC08123		4052899153738 / AC08365		4058075116832 / AC08125 4058075116795 / AC08125 4058075116955 / AC08126 4058075116818 / AC08127 4058075116979 / AC08128		4052899935440 / AC08366		4052899959200 / AC10701					
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	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	100-3%	100-3%	100-2%	100-2%	100-1%																			
Hager	WUD87	230/50Hz	400	LED-U	100-3%	100-3%	96-3%	99-2%	100-1%																			
Hamilton	KP1X40	230/50Hz	400																									
Hugo Müller	paladin 872110 led	230/50Hz			100-3%	100-3%	100-1%	100-2%	100-1%																			
Jung	225 NVDE	230/50Hz	20-500	L	95-3%	100-3%	89-2%	97-1%																				
Jung	225 TDE	230/50Hz			100-4%	100-3%	97-4%	96-2%																				
Jung	254 UDIE1	230/50Hz			100-10%	100-8%	99-11%	100-8%	98-6%																			
Jung	1224 LEDUDE	230/50Hz		LED	85-3%	101-3%	96-1%	99-1%	100-1%																			
Jung	3904 REGHE	230/50Hz			100-3%	100-3%	100-2%	100-2%	100-1%																			
Legrand	665114	230/50Hz	400	U	100-3%	100-3%	95-1%	97-2%	95-1%																			
Legrand	067083=048869=048	230/50Hz			100-3%	100-3%	95-1%	97-2%	95-1%																			
Legrand	770061	230/50Hz	400	RL	98-3%	100-3%		99-2%																				
Legrand	099314	230/50Hz	300	RL		100-3%																						
Legrand	770062	230/50Hz	400	RLC		99-3%		99-2%																				
Legrand	078405	230/50Hz	600	RL	100-3%	100-3%		97-1%																				
MASTER	DM-DGL	230/50Hz	1000	U / LED	99-3%	100-3%	96-1%	100-2%	94-1%	100-1%	94-1%	100-1%	55-2%	55-1%	100-4%	100-1%	100-3%	100-2%	98-3%									
MASTER	DM-2500	230/50Hz	2500	U / LED	98-3%	100-3%	96-1%	99-2%	98-1%	100-1%	98-1%	100-1%	55-1%	55-1%	100-1%	99-1%	100-1%	100-2%	100-1%									
Merten	MEGS136-0000	230/50Hz				100-3%		96-2%	84-1%	99-1%	84-1%	99-1%	100-29%															
Merten	MEGS134-0000	230/50Hz			100-3%	100-3%	99-3%	100-1%	100-1%	100-1%	100-1%	100-1%																
Merten	MEGS139-0000	230/50Hz				100-3%	99-2%	100-2%	100-1%	100-1%	100-1%	100-1%	54-0%	54-0%	100-1%	100-2%	98-0%	98-0%	94-1%									
Merten	MEGS137-0000	230/50Hz			83-3%	100-3%	93-2%	100-2%																				
Merten	MEGS133-0000	230/50Hz			100-3%	100-6%	86-2%	98-3%																				
Merten	MEGS138-0000	230/50Hz				101-3%		98-2%																				
Merten	MEG 5170-0300	230/50Hz	10-200	U	100-3%	100-3%	97-3%	97-2%	100-1%	100-1%	100-1%	100-1%																
Merten	MEG 5131	230/50Hz	40-400	L	100-3%	101-3%	86-2%	98-1%	94-1%	100-1%	94-1%	100-1%	54-0%	54-0%	100-1%	100-1%	98-0%	98-0%	95-1%									
Merten	MEG 5132	230/50Hz			100-3%	100-3%	86-2%	98-1%	94-1%	100-1%	94-1%	100-1%	54-0%	54-0%	100-1%	100-1%	98-0%	98-0%	95-1%									
Merten	MEG 5140	230/50Hz	9-100	L	72-3%	100-3%	79-2%	99-2%	98-1%	100-1%	98-1%	100-1%	54-0%	54-0%	100-1%	100-10%	98-0%	98-0%	91-1%									
Merten	MEG 5135	230/50Hz	60-1000	L	99-3%	100-3%	95-1%	96-2%	100-1%	100-1%	100-1%	100-1%	55-0%	55-0%														
MK	K4501	230/50Hz	180	L			77-2%	98-1%	94-1%	100-1%	94-1%	100-1%																
NEXUS	881P-01	230/50Hz	400	L				94-2%		100-1%		100-1%	55-0%	55-0%	100-0%	100-1%	100-0%	100-0%	97-1%									

## DIMMER COMPATIBILITY CL A

Legend					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 60 Frosted		SUPERSTAR CL A 75 Filament/GL FR		SUPERSTAR CL A 75 Frosted		SUPERSTAR CL A 100 Frosted		SUPERSTAR CL A 100 Frosted		SUPERSTAR CL A 150 Frosted					
 Very good dimmability with indicated number of lamps (dimming range greater than 75%)																												
 Limited dimmability with indicated number of lamps (dimming range smaller than 75%)					EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code					
 Undesired dimmability					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					
 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					
					4058075 107564 / AC08108 4058075 107526 / AC08109		4052899961920 / AC08110 4058075054226 / AC08112 4052899959132 / AC08112 4058075 132658 / AC09765		4058075 132917 / AC10176		4058075 107588 / AC08113 4058075 115958 / AC08114 4052899961869 / AC08114 4058075808249 / AC08115 4058075808287 / AC08117 4058075054240 / AC08118 4052899941465 / AC08118		4052899278219 / AC08363		4058075808324 / AC08119 4058075 107809 / AC08120 4058075 107687 / AC08121 4058075 112094 / AC08122 4058075808300 / AC08122 4058075 107700 / AC08123		4052899153738 / AC08365		4058075 116832 / AC08125 4058075 116795 / AC08125 4058075 116955 / AC08126 4058075 116818 / AC08127 4058075 116979 / AC08128		4052899935440 / AC08366		4052899959200 / AC10701					
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	Dimming range 1 Lamp	Dimming range 4 Lamps				
Brand	Model	Voltage range	Power	Type																								
NIKO	310-01900	230/50Hz	5-200	U	100-3%	101-3%	100-1%	100-2%	100-1%	100-1%	100-1%	100-1%	55-5%	55-1%	99-1%	99-1%	100-2%	100-2%	99-1%	100-1%	99-22%	100-20%	95-2%	95-3%				
NIKO	330-00700	230/50Hz	5-200	U	100-3%	100-3%	100-1%	100-2%	100-1%	100-1%	100-1%	100-1%	55-5%	55-5%	100-6%	100-6%	100-11%	100-11%	99-1%		98-0%	98-0%	95-5%	95-5%				
Odace	S520512	230/50Hz			100-3%	100-3%	99-3%	100-1%	100-1%	100-1%	100-1%	100-1%			100-23%	100-21%	99-24%	99-23%	97-22%		97-18%	98-28%	98-26%	97-18%	98-16%			
Odace	S520511	230/50Hz			100-3%	100-6%	86-2%	98-3%		100-1%					100-17%	100-28%	98-11%	98-14%	95-8%		98-38%	98-39%	96-7%	96-7%				
Odace	S520515	230/50Hz				101-3%		98-2%		100-1%			100-1%	54-2%	54-2%	100-9%	100-8%	98-4%	98-4%	95-2%	93-1%	98-6%	98-5%	96-2%	96-2%			
Odace	S520518	230/50Hz			72-3%	100-3%	79-2%	99-2%	98-1%	100-1%	98-1%	100-1%	54-0%	54-0%	100-1%	100-10%	98-0%	98-0%	91-1%		99-0%	98-0%	96-0%	96-0%				
Osram	HTI DALI 315 DIM	230/50Hz	20-315	DALI-T	100-3%	100-3%	96-1%	96-1%	96-1%	98-1%	96-1%	98-1%	100-17%	100-15%	99-14%	100-13%	100-15%	100-14%	98-12%		98-16%	99-16%	99-10%	98-10%				
PEHA	435 HAN	230/50Hz	60-600	L		100-5%		99-2%		100-1%					100-10%	100-14%	98-18%	98-20%	91-13%		98-43%	98-45%	96-9%	95-11%				
Schneider	400GLI	230/50Hz	40-400	T		93-3%				78-1%		78-1%		100-47%				98-46%					100-0%	98-0%				
Schneider	SBD315RC	230/50Hz				100-3%		96-2%	84-1%	99-1%	84-1%	99-1%	100-29%				100-22%	99-26%	99-23%	97-24%	97-20%	100-25%	100-23%	99-22%	98-19%			
Schneider	SBD200LED	230/50Hz	400		100-3%	100-3%	99-3%	100-1%	100-1%	100-1%	100-1%	100-1%			100-23%	100-21%	99-24%	99-23%	97-22%	97-18%	98-28%	98-26%	97-18%	98-16%				
Schneider	SBD600RCRL	230/50Hz				100-3%	99-2%	100-2%	100-1%	100-1%	100-1%	100-1%	54-0%	54-0%	100-1%	100-2%	98-0%	98-0%	94-1%		98-0%	98-0%	98-0%	97-0%				
Schneider	SBD630RC	230/50Hz			83-3%	100-3%	93-2%	100-2%		100-1%					100-13%	100-10%	100-14%	99-13%	98-13%	97-10%	98-16%	98-14%	96-10%	96-8%				
Schneider	SBD600RL	230/50Hz			100-3%	100-6%	86-2%	98-3%		100-1%					100-17%	100-28%	98-11%	98-14%	95-8%		98-38%	98-39%	96-7%	96-7%				
Schneider	SBD420RCRL	230/50Hz			0-0%	101-3%		98-2%		100-1%			100-1%	54-2%	54-2%	100-9%	100-8%	98-4%	98-4%	95-2%	93-1%	98-6%	98-5%	96-2%	96-2%			
Schneider	5170	230/50Hz			100-3%	100-3%	97-3%	97-2%	100-1%	100-1%	100-1%	100-1%			81-32%	80-29%	77-32%	75-30%			98-33%	94-32%	96-18%	96-18%				
Schneider	SBD400RL	230/50Hz			100-3%	100-3%	86-2%	98-1%	94-1%	100-1%	94-1%	100-1%	54-0%	54-0%	100-1%	100-1%	98-0%	98-0%	95-1%		98-0%	98-0%	95-0%	95-0%				
Schneider	SBD5PL	230/50Hz			72-3%	100-3%	79-2%	99-2%	98-1%	100-1%	98-1%	100-1%	54-0%	54-0%	100-1%	100-10%	98-0%	98-0%	91-1%		99-0%	98-0%	96-0%	96-0%				
Schneider	ATTD1000RL	230/50Hz			99-3%	100-3%	95-1%	96-2%	100-1%	100-1%	100-1%	100-1%	55-0%	55-0%			100-0%	100-0%	98-1%		98-0%	98-0%	96-0%	96-0%				
Shuttle	SDIM-T-LED-500W	230/50Hz	2-500	T & LED-T	100-3%	100-3%	96-1%	96-1%	100-1%	100-1%	100-1%	100-1%			100-8%	100-9%	100-15%	100-15%	97-9%	97-10%	98-18%	99-17%	97-8%	97-7%				
Siemens	5TC8 284	230/50Hz	20-525	T		100-3%			96-2%		96-2%		94-13%				91-11%	91-5%			95-8%	95-8%	99-12%					
Siemens	5WG1-528-1AB31	230/50Hz	20-500	KNX-U	100-3%	100-3%	99-2%	98-2%	100-1%	100-1%	100-1%	100-1%	55-1%	55-0%	100-4%	100-1%	100-1%	100-0%	98-1%	98-1%	99-13%	99-13%						
VADSBO	LD 220	230/50Hz	1-200	U	98-3%	100-3%	96-1%	96-2%	100-1%	100-1%	100-1%	100-1%			100-2%	100-2%			98-1%	98-3%	98-3%	99-3%	97-2%	96-1%				
VARILIGHT	HQ33	230/50Hz	400			97-8%		96-8%	98-1%		98-1%				100-24%	100-36%	98-33%	99-34%	87-19%	87-19%	97-43%	97-43%	95-7%	95-6%				
VARILIGHT	JQP401W	230/50Hz	400	T						100-1%		100-1%	55-5%			100-14%	100-13%	100-14%				98-17%	95-3%	96-6%				
Vimar	20135	230/50Hz	3 - 100	U	100-3%	100-3%	100-1%	100-2%	100-1%	100-1%	100-1%	100-1%	55-5%	55-5%	100-7%	100-6%	100-10%	100-10%	100-6%	97-6%	98-2%	98-2%	95-5%	95-5%				
ZANO	WH401	230/50Hz	400	L		99-3%		99-2%	92-1%	100-1%	92-1%	100-1%	54-0%	55-0%	100-1%	100-1%	100-0%	100-0%	97-2%		98-0%	99-0%	95-0%	95-0%				
ZANO	WH251	230/50Hz	250										54-0%	55-0%	100-1%	100-1%	100-0%	99-0%	95-2%		98-0%	98-0%	95-0%	95-0%				
ZANO	Z GRID 700	230/50Hz	250	LED	99-3%	97-3%	96-1%	98-1%	100-1%	100-1%	100-1%	100-1%	54-0%	54-0%	98-2%	98-0%	99-1%	99-0%	91-1%	89-1%	98-0%	98-0%		97-0%				
ZANO	Z GRID 500	230/50Hz	500			99-3%	84-2%	97-1%	100-1%	100-1%	100-1%	100-1%	54-0%	54-0%	100-0%	100-0%	100-0%	100-0%	97-2%		98-0%	98-0%		97-0%				

**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. OSRAM does not take over any responsibility, warranty or liability that this results can also achieved by using the devices under other conditions, or when using successor models of the tested devices, or different models of the same manufacturer, or when using other LED lamp types
- The absence of a dimmer from this chart does not necessarily imply incompatibility.
- Please reference the dimmer manufacturer's instructions for installation.
- LED lamps contain several electronic components. Under unfavourable conditions these can lead to acoustic noise. In case of resonance even low noise can cause audible effect. Possible factors influencing this are the installation, the design of the lamp holder and the luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonics or electronic resonance).
- Subject to change without notice
- Errors and omission excepted
- Always make sure to use the most recent release

**Application Notes:**

- For best dimming results trailing edge dimmer type is recommended.
- Trailing edge type dimmer requires the neutral wire for installation.

**Bitte beachten:**

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

**Anwendungshinweis:**

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

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