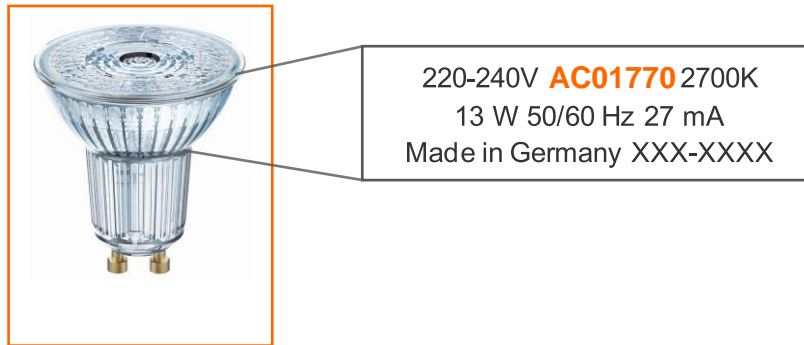


DIMMER COMPATIBILITY CLASSIC A

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:



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					SUPERSTAR PAR16 35 36*				SUPERSTAR PAR16 50 36*				SUPERSTAR PAR16 80 36*				SUPERSTAR PAR16 80 120*			
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%)																				
Undesired dimmability																				
Not relevant																				
Not tested																				
Dimmer					EAN/Basic Code		EAN/Basic Code		EAN/Basic Code		EAN/Basic Code		EAN/Basic Code		EAN/Basic Code		EAN/Basic Code			
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	Number of Lamps	Dimming range	Number of Lamps	Dimming range				
ABB	STD 50-3	230V50Hz	60-500	L	1-20	98% - 15%	1-13	98% - 20%	1-8	97% - 23%	1-8	97% - 23%	1-20	98% - 15%	2-20	98% - 16%	2-20	98% - 16%		
Altenburger Electronic	50_30	230V50Hz	15-350	T	1-10	98% - 15%	2-10	97% - 12%	2-20	98% - 16%	2-20	98% - 16%	1-10	98% - 15%	2-10	97% - 12%	1-4	96% - 1%		
ALPORA	DSP 400	230V50Hz	400	L	1-10	98% - 15%	2-10	97% - 12%	1-4	96% - 1%	1-4	96% - 1%	1-20	98% - 27%	1-20	98% - 26%	1-20	97% - 27%		
Berker	2861	230V50Hz	50-420	U	1-20	98% - 27%	1-20	98% - 26%	1-20	97% - 27%	1-20	97% - 27%	1-15	98% - 1%	1-10	97% - 5%	1-6	94% - 7%		
Blicino	LNN14411N	230V50Hz			1-15	98% - 1%	1-10	97% - 5%	1-6	94% - 7%	1-6	94% - 7%	2-20	98% - 1%	2-9	98% - 1%	1-6	97% - 9%		
Blicino	LNN14408	230V50Hz			2-20	98% - 1%	2-9	98% - 1%	1-6	97% - 9%	1-6	97% - 9%	3-19	99% - 19%	2-12	97% - 19%	1-8	95% - 22%		
Blicino	NT4402N	230V50Hz	500	R	2-20	99% - 15%	2-20	98% - 17%	2-20	98% - 21%	2-20	98% - 21%	1-10	96% - 22%	1-10	97% - 26%	1-9	97% - 15%		
Busch-Jaeger	6513 U-102	230V50Hz	40-420	T	1-10	96% - 22%	1-10	97% - 26%	1-9	97% - 15%	1-9	97% - 15%	1-10	98% - 1%	2-14	98% - 16%	1-5	97% - 15%		
Busch-Jaeger	6523 U-102	230V50Hz	420	T	1-10	96% - 22%	1-10	97% - 26%	1-5	97% - 15%	1-5	97% - 15%	1-20	98% - 15%	1-13	98% - 20%	1-8	97% - 23%		
Busch-Jaeger	2250 U	230V50Hz	60-600	L	1-20	98% - 15%	1-13	98% - 20%	1-8	97% - 23%	1-8	97% - 23%	2-13	98% - 1%	1-10	98% - 5%	1-6	97% - 9%		
Busch-Jaeger	6526 U	230V50Hz	60-600	L	1-11	98% - 1%	1-10	98% - 1%	1-5	99% - 7%	1-5	99% - 7%	1-11	98% - 1%	1-10	98% - 1%	1-5	99% - 7%		
Busch-Jaeger	2247 U-500	230V50Hz			1-10	98% - 34%	1-10	97% - 35%	1-4	97% - 1%	1-4	97% - 1%	1-10	98% - 1%	1-10	98% - 1%	1-4	97% - 1%		
Busch-Jaeger	6526 U	230V50Hz	60-600	L	1-20	98% - 6%	1-20	98% - 7%	1-20	97% - 10%	1-20	97% - 10%	1-20	98% - 1%	1-13	97% - 1%	1-8	96% - 1%		
CENTURY CONTROL	MULTI DIMMER	230V50Hz	60-600	L	1-20	98% - 1%	1-13	97% - 1%	1-8	96% - 1%	1-8	96% - 1%	1-20	98% - 1%	1-13	97% - 1%	1-10	97% - 19%		
DINUY	RE EL1LE1	230V50Hz	400	LED	1-14	98% - 1%	1-13	97% - 4%	1-10	97% - 19%	1-10	97% - 19%								
ELKO	400GLI	230V50Hz																		
ELKO	315GLE	230V50Hz	20-315	T																
ELKO	600GLI	230V50Hz	40-600	U																
ELKO	420GLEI	230V50Hz	40-420	U																

Information about the OSRAM lamp type

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

DIMMER KOMPATIBILITÄT CLASSIC 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.

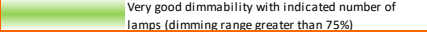











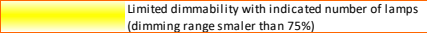

Liste der getesteten Dimmer

Legend					SUPERSTAR PAR16 35 36*				SUPERSTAR PAR16 50 36*				SUPERSTAR PAR16 60 36*				SUPERSTAR PAR16 80 120*			
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%)																				
Undesired dimmability																				
Not relevant																				
Not tested																				
Dimmer					EAN/Basic Code		EAN/Basic Code		EAN/Basic Code		EAN/Basic Code		EAN/Basic Code		EAN/Basic Code		EAN/Basic Code			
Brand	Model	Voltage range	Power	Type	4052839330133AC01184	4052839330157AC01182	4052839330171AC01187	4052839330195AC01184	4052839330210AB41505	4052839330223AB41506	4058075036888AC03049	4058075036888AC03051	4058075036888AC03051	4058075036888AC03051	4058075036888AC03051	4058075036888AC03051	4058075036888AC03051			
					Number of Lamps	Dimming range	Number of Lamps	Dimming range	Number of Lamps	Dimming range	Number of Lamps	Dimming range	Number of Lamps	Dimming range	Number of Lamps	Dimming range	Number of Lamps	Dimming range		
ABB	STD 50-3	230V50Hz	60-500	L	1-20	98% - 15%	1-13	98% - 20%	1-8	97% - 23%	1-8	97% - 23%	1-8	97% - 23%	1-8	97% - 23%	1-8	97% - 23%		
Altenburger Electronic	50 30	230V50Hz	15-350	T	2-20	98% - 15%	2-20	97% - 12%	2-20	98% - 16%	2-20	98% - 16%	2-20	98% - 16%	2-20	98% - 16%	2-20	98% - 16%		
AURORA	DSF 400	230V50Hz	400	L	1-10	98% - 15%	2-10	97% - 14%	1-4	96% - 14%	1-4	96% - 14%	1-4	96% - 14%	1-4	96% - 14%	1-4	96% - 14%		
Berker	2861	230V50Hz	50-420	U	1-20	98% - 27%	1-20	98% - 26%	1-20	97% - 27%	1-20	97% - 27%	1-20	97% - 27%	1-20	97% - 27%	1-20	97% - 27%		
Blicino	LNINT441N	230V50Hz			1-15	98% - 1%	1-10	97% - 5%	1-6	94% - 7%	1-6	94% - 7%	1-6	94% - 7%	1-6	94% - 7%	1-6	94% - 7%		
Blicino	LNINT4408	230V50Hz			2-20	98% - 1%	2-9	98% - 1%	1-6	97% - 3%	1-6	97% - 3%	1-6	97% - 3%	1-6	97% - 3%	1-6	97% - 3%		
Blicino	NT4402N	230V50Hz	500	R	3-19	99% - 19%	2-12	97% - 19%	1-8	95% - 22%	1-8	95% - 22%	1-8	95% - 22%	1-8	95% - 22%	1-8	95% - 22%		
Busch-Jaeger	6513 U-102	230V50Hz	40-420	T	2-20	98% - 15%	2-20	98% - 17%	2-20	98% - 21%	2-20	98% - 21%	2-20	98% - 21%	2-20	98% - 21%	2-20	98% - 21%		
Busch-Jaeger	6523 U-102	230V50Hz	420	T	1-10	96% - 22%	1-10	97% - 26%	1-10	97% - 26%	1-10	97% - 26%	1-10	97% - 26%	1-10	97% - 26%	1-10	97% - 26%		
Busch-Jaeger	2250 U	230V50Hz	60-600	L	1-10	98% - 15%	2-14	98% - 16%	1-9	97% - 15%	1-9	97% - 15%	1-9	97% - 15%	1-9	97% - 15%	1-9	97% - 15%		
Busch-Jaeger	6526 U	230V50Hz			1-13	98% - 34%	1-10	97% - 35%	1-5	97% - 15%	1-5	97% - 15%	1-5	97% - 15%	1-5	97% - 15%	1-5	97% - 15%		
Busch-Jaeger	2247 U-500	230V50Hz			1-20	98% - 15%	1-13	98% - 20%	1-8	97% - 23%	1-8	97% - 23%	1-8	97% - 23%	1-8	97% - 23%	1-8	97% - 23%		
CENTURY CONTROL	MULTI DIMMER	230V50Hz	60-600	L	2-13	98% - 1%	1-10	98% - 5%	1-6	97% - 9%	1-6	97% - 9%	1-6	97% - 9%	1-6	97% - 9%	1-6	97% - 9%		
DINJY	RE EL1LE1	230V50Hz	400	LED	1-11	98% - 1%	1-10	98% - 1%	1-5	98% - 7%	1-5	98% - 7%	1-5	98% - 7%	1-5	98% - 7%	1-5	98% - 7%		
ELKO	400GLI	230V50Hz			1-10	98% - 1%	1-10	97% - 1%	1-4	97% - 1%	1-4	97% - 1%	1-4	97% - 1%	1-4	97% - 1%	1-4	97% - 1%		
ELKO	315GLE	230V50Hz	20-315	T	2-20	98% - 6%	1-20	98% - 7%	1-20	97% - 10%	1-20	97% - 10%	1-20	97% - 10%	1-20	97% - 10%	1-20	97% - 10%		
ELKO	600GLI	230V50Hz	40-600	U	1-20	98% - 1%	1-13	97% - 1%	1-8	96% - 1%	1-8	96% - 1%	1-8	96% - 1%	1-8	96% - 1%	1-8	96% - 1%		
ELKO	420GLEI	230V50Hz	40-420	U	1-14	98% - 1%	1-13	97% - 4%	1-10	97% - 19%	1-10	97% - 19%	1-10	97% - 19%	1-10	97% - 19%	1-10	97% - 19%		













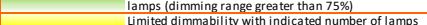
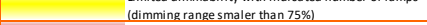
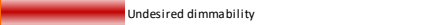
Angaben zum OSRAM Lampentyp

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

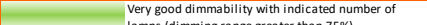












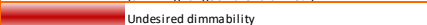

DIMMER COMPATIBILITY CLASSIC A

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 Filament/GL FR	SUPERSTAR CL A 100 Frosted	PARATHOM DIM CL A 150	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%)																										
	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												
					4058075107564 / AC24268 4058075211261 / AC24268 4058075107526 / AC24269 4058075211346 / AC24269	4058075132658 / AC24242 4058075434660 / AC24242 4052899961920 / AC24279 4058075211322 / AC24279 4058075054226 / AC24285 4052899959132 / AC24285	4058075132917 / AC24327	40580755808287 / AC24238 4058075434608 / AC24238 4058075808249 / AC24239 4058075434622 / AC24239 4058075107700 / AC24264 4058075435001 / AC24264 4058075107687 / AC24265 4058075448063 / AC24265 4058075107588 / AC24267 4058075448124 / AC24267 4058075115958 / AC24280 4052899961869 / AC24280 4058075054240 / AC24286 4052899941465 / AC24286	4058075433861 / AC24705	4058075107809 / AC24263 4058075434967 / AC24263 4058075107700 / AC24264 4058075435001 / AC24264 4058075107687 / AC24265 4058075448063 / AC24265 4058075107588 / AC24270 4058075436886 / AC24270 4058075112094 / AC24271 405289998300 / AC24271	4058075433809 / AC24704	4058075289093 / AC24244 4058075434707 / AC24244 4058075245656 / AC24245 4058075289055 / AC24245 4058075289031 / AC24246 4058075245807 / AC24246 4058075289897 / AC24247 4058075245860 / AC24247 4058075289959 / AC24248 4058075448100 / AC24248	4058075433823 / AC24703	4058075437326 / AC24218	4058075433847 / AC24715												
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	100-0%	100-0%	85-0%	97-0%	99-0%	96-0%	87-0%	90-0%	99-5%	100-5%	80-0%	85-0%	72-7%	99-7%	88-0%	92-0%	100-30%	99-30%	100-18%	100-32%	98-16%	97-16%	
Altenburger	50_3	230/50Hz			100-0%	100-0%	95-0%	85-0%	93-0%	100-0%	98-0%	98-0%	99-0%	99-0%	99-3%	98-0%			98-0%	99-0%			100-18%	100-13%			
AURORA	DSP 400	230/50Hz	400	L			74-0%	91-0%	72-0%	93-0%					91-0%	90-0%			93-0%	97-0%							
Berker	2861	230/50Hz	50-420	U	100-0%	100-0%	97-0%	85-0%	99-0%	99-0%	98-0%	98-0%		100-7%	99-0%	99-0%	100-6%	97-8%	96-0%	95-0%			100-34%	100-21%	98-24%	98-22%	
Bticino	L/N/NT4411N	230/50Hz			100-0%	100-0%					77-0%	80-0%	100-0%	99-0%	73-0%	91-0%	100-0%	99-0%	86-0%	86-0%	99-7%	99-7%	97-3%	100-3%	100-6%	99-6%	
Bticino	L/N/NT4408	230/50Hz			100-0%			87-0%			93-0%	95-0%	87-0%	99-0%			100-0%	97-0%			100-0%	99-0%	95-0%	100-0%	97-0%	97-0%	
bticino	NT4402N	230/50Hz	500	R		100-0%		95-0%						71-0%							96-18%	96-18%					
Busch-Jaeger	6513 U-102	230/50Hz	420	T	100-0%	100-0%	98-0%	99-0%	95-0%	96-0%	98-0%	98-0%	99-0%	99-0%	99-0%	98-0%	100-1%	99-0%	94-0%	91-0%	100-25%	98-31%	100-21%	100-21%	100-18%	98-14%	
Busch-Jaeger	6523 U-102	230/50Hz	40-420	T	97-0%	100-0%	97-0%	98-0%					100-6%	100-6%	75-0%	75-0%	100-7%	100-10%	86-0%	86-0%	98-30%	97-29%	97-32%	100-32%	100-20%	99-17%	
Busch-Jaeger	2250 U	230/50Hz	60-600	L						99-0%					96-0%	96-0%	100-0%	97-0%	93-0%	93-0%	100-2%	99-12%	100-0%	100-0%	98-0%	98-0%	
Busch-Jaeger	6526 U	230/50Hz			68-0%	100-0%	97-0%	79-0%			75-0%	95-0%	100-8%	100-9%	86-0%	89-0%	100-10%	99-11%	73-0%	96-0%	98-32%	98-30%	100-32%	100-18%	98-0%	98-18%	
CENTURY CONTROL	MULTI DIMMER	230/50Hz	60-600	U	80-0%	100-0%	82-0%	98-0%			96-0%	93-0%	98-0%	99-0%	99-0%	81-0%	80-0%	100-0%	98-0%	92-0%	93-0%	100-3%	100-5%		97-3%	97-3%	
DimMax	420 SL	230/50Hz	200	L/T	74-0%	98-0%	92-0%	84-0%	100-0%	100-0%	90-0%	98-0%			100-0%	97-0%			85-0%	86-0%	99-1%	99-3%	100-3%	100-5%		98-3%	98-0%
DINUY	RE EL1 LE1	230/50Hz	400	LED									99-0%	100-0%			100-0%	100-0%			100-0%	100-1%			97-1%	97-1%	
ELKO	400GU	230/50Hz			80-0%	100-0%					75-0%	99-0%			100-0%	100-0%	75-0%	100-0%	89-0%	97-0%	98-1%	99-0%		100-0%	100-1%	99-0%	
ELKO	315GLE	230/50Hz	20-315	T		100-0%	92-0%	97-0%	94-0%	95-1%	89-0%		99-1%	100-0%	98-0%	99-0%	100-1%	97-0%	97-0%	95-0%	100-2%	100-1%	100-5%	100-3%	99-3%	99-2%	
ELKO	600GLE/l	230/50Hz			100-0%	100-0%		98-0%			70-0%	87-0%	99-2%	100-2%	82-0%	86-0%	100-1%	100-2%	91-0%	95-0%	99-12%	99-22%	100-18%	100-26%	100-8%	98-9%	
ELKO	600GU	230/50Hz	40-600	U	74-0%	100-0%	92-0%	91-0%			82-0%	94-0%	93-0%	99-0%	82-0%	97-0%			70-0%	89-0%	97-0%	98-11%	98-17%	100-13%	100-13%	98-6%	98-6%
ELKO	420GLE/l	230/50Hz	40-420	U	85-0%	100-0%	89-0%	98-0%			79-0%	81-0%	99-0%	100-0%	74-0%	75-0%	100-0%	100-0%	81-0%	86-0%	98-2%	98-1%	100-3%	100-1%	100-2%	98-2%	
ELKO	1000LRl	230/50Hz			100-0%	100-0%	96-0%	91-0%	100-0%		97-0%	99-0%	98-0%	99-0%	84-0%	96-0%	100-0%	100-0%	75-0%	97-0%	100-0%	100-0%	100-0%	100-0%	97-0%	100-0%	
ELKO	630GLE	230/50Hz	20-630	U	74-0%	100-0%	95-0%	92-0%			95-0%	98-0%	99-3%	99-0%	76-0%	100-0%	100-3%	99-0%	96-0%	95-0%	99-23%	99-20%	100-18%	100-21%	98-17%	98-15%	
Eltako	EUD61NPN-UC	230/50Hz	5-400	R / L / C					100-0%	99-99%			100-0%	100-0%			100-0%	99-0%			99-3%	98-3%	97-3%	97-3%	98-2%	98-3%	
Feller	40200.LEDxxx	230/50Hz			100-0%	100-0%	98-0%	96-0%	91-0%	97-0%	98-0%	98-0%	100-0%	99-0%	99-0%	99-0%	100-1%	99-0%	99-0%	99-0%	100-21%	99-20%	100-16%	100-18%	98-17%	98-15%	
Feller	40600.RC	230/50Hz	20-600	U	100-0%	100-0%		98-0%			70-0%	87-0%	91-0%	99-2%	100-2%	82-0%	86-0%	100-1%	100-2%	91-0%	95-0%	99-12%	99-22%	100-18%	100-26%	100-8%	98-9%
Feller	40600.RC	230/50Hz			74-0%	100-0%	95-0%	92-0%			95-0%	98-0%	99-3%	99-0%	76-0%	100-0%	100-3%	99-0%	96-0%	95-0%	99-23%	99-20%	100-18%	100-21%	98-17%	98-15%	
Feller	40600.RL	230/50Hz			74-0%	100-0%	92-0%	91-0%			82-0%	94-0%	93-0%	99-0%	82-0%	97-0%			89-0%	97-0%	99-11%	98-17%	100-13%	100-13%	98-6%	98-6%	
Feller	40420.RLC	230/50Hz			85-0%	100-0%	89-0%	98-0%			79-0%	81-0%	99-0%	100-0%	74-0%	75-0%	100-0%	100-0%	81-0%	86-0%	98-2%	98-1%	100-3%	100-1%	100-2%	98-2%	
Feller	31000	230/50Hz			100-0%	100-0%	96-0%	91-0%	100-0%		97-0%	99-0%	98-0%	99-0%	84-0%	96-0%	100-0%	100-0%	75-0%	97-0%	100-0%	100-0%	100-0%	100-0%	97-0%	100-0%	
GIRA	226200	230/50Hz				100-0%	85-0%	97-0%			86-0%	87-0%	95-0%	99-0%	99-0%	83-0%	84-0%	99-0%	98-0%	65-0%	96-0%	99-2%	99-0%	97-0%		100-1%	99-0%
Gira	030700	230/50Hz	20-525	T	100-0%	100-0%	98-0%	96-0%	93-0%	96-0%	98-0%	98-0%	99-0%	100-0%	100-0%	99-0%	100-0%	96-0%	99-0%	99-0%	99-23%	99-19%	100-24%	100-21%	99-16%	99-13%	
Gira	117600	230/50Hz	50-420	U	100-0%	100-0%	100-0%	97-0%			95-0%	96-0%			99-6%	99-0%	98-0%	100-7%	98-8%	96-0%	96-0%	100-31%	99-30%			98-23%	
Gira	238500	230/50Hz			100-0%	100-0%	99-0%	99-0%	94-0%	73-0%	99-0%	97-0%	100-0%		99-0%	99-0%	100-0%	100-0%	85-0%	85-0%	100-0%	100-0%	100-0%	100-0%	100-0%	97-0%	

DIMMER COMPATIBILITY CLASSIC 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 Filament/GL FR	SUPERSTAR CL A 100 Frosted	PARATHOM DIM CL A 150	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%)																									
	Undesired dimmability																									
	Not tested																									
					4058075107564 / AC24268 4058075211261 / AC24268 4058075107526 / AC24269 4058075211346 / AC24269	4058075132658 / AC24242 4058075434660 / AC24242 4052899961920 / AC24279 4058075054226 / AC24285 4052899959132 / AC24285	4058075132917 / AC24327	4058075808287 / AC24238 4058075434608 / AC24238 4058075808249 / AC24239 4058075434622 / AC24239 4058075107588 / AC24267 4058075448124 / AC24267 4058075115958 / AC24280 4052899961869 / AC24280 4058075054240 / AC24286 4052899941465 / AC24286	4058075433861 / AC24705	4058075107809 / AC24263 4058075434967 / AC24263 4058075107700 / AC24264 4058075435001 / AC24264 4058075107687 / AC24265 4058075448063 / AC24265 4058075808324 / AC24270 4058075436886 / AC24270 4058075110994 / AC24271 4058075808300 / AC24271	4058075433809 / AC24704	4058075289093 / AC24244 4058075434707 / AC24244 4058075245665 / AC24245 4058075289055 / AC24245 4058075289031 / AC24246 4058075245907 / AC24246 4058075289997 / AC24247 4058075245860 / AC24247 4058075289959 / AC24248 4058075448100 / AC24248	4058075433823 / AC24703	4058075437326 / AC24218	4058075433847 / AC24715											
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																						
Gira	217400	230/50Hz	4x20-250	KNX-U					100-47%	99-13%			99-0%	99-0%			100-0%	98-0%			100-18%	100-12%	100-16%	100-13%	97-11%	97-11%
Hager	WUD87	230/50Hz	400	LED-U	80-0%	77-0%	86-0%	82-0%	96-0%	99-0%	83-0%	98-0%	99-0%	99-0%	100-0%	97-0%	89-0%	97-0%	89-0%	97-0%	100-20%	100-14%	97-0%	100-0%	100-14%	98-11%
Hamilton	KP1X40	230/50Hz	400		97-0%		72-0%	96-0%			86-0%			99-48%	80-0%	89-0%	73-53%	90-53%	90-0%	97-0%						
Hugo Müller	paladin 872110 led	230/50Hz											99-0%	100-0%			100-0%	100-0%			100-0%	100-1%			97-1%	97-1%
Jung	225 NVDE	230/50Hz	20-500	L		100-0%	85-0%	97-0%			86-0%	87-0%	95-0%			83-0%	84-0%	65-0%	96-0%	99-2%	99-0%	97-0%		100-1%	99-0%	
Jung	225 TDE	230/50Hz			100-0%	100-0%	98-0%	96-0%	93-0%	96-0%	98-0%	98-0%	99-0%	100-0%	100-0%	99-0%	100-0%	96-0%	99-0%	99-0%	99-23%	99-19%	100-24%	100-21%	99-16%	99-13%
Jung	254 UDIE1	230/50Hz	400		100-0%	100-0%	100-0%	97-0%			95-0%	96-0%			99-6%	99-0%	98-0%	100-7%	98-8%	96-0%	100-31%	99-30%			98-23%	
Jung	1224 LEDUDE	230/50Hz		LED	100-0%	100-0%	99-0%	99-0%	94-0%	73-0%	99-0%	97-0%	100-0%			99-0%	99-0%	100-0%	100-0%	85-0%	85-0%	100-0%	100-0%	100-0%	97-0%	
Jung	3904 REGHE	230/50Hz							100-47%	99-13%			99-0%	99-0%			100-0%	98-0%			100-18%	100-12%	100-16%	100-13%	97-11%	97-11%
Legrand	665114	230/50Hz	400	U	100-0%	100-0%					77-0%	80-0%	100-0%	99-0%	73-0%	71-0%	100-0%	99-0%	86-0%	86-0%	99-7%	99-7%	97-3%	100-3%	100-6%	99-6%
Legrand	574319/574339	230/50Hz	400	U	100-0%	100-0%					77-0%	80-0%	100-0%	99-0%	73-0%	71-0%	100-0%	99-0%	86-0%	86-0%	99-7%	99-7%	97-3%	100-3%	100-6%	99-6%
Legrand	572239/572739	230/50Hz	400	U	100-0%	100-0%					77-0%	80-0%	100-0%	99-0%	73-0%	71-0%	100-0%	99-0%	86-0%	86-0%	99-7%	99-7%	97-3%	100-3%	100-6%	99-6%
Legrand	078407/079207	230/50Hz	400	U	100-0%	100-0%					77-0%	80-0%	100-0%	99-0%	73-0%	71-0%	100-0%	99-0%	86-0%	86-0%	99-7%	99-7%	97-3%	100-3%	100-6%	99-6%
Legrand	048869/048871	230/50Hz	400	U	100-0%	100-0%					77-0%	80-0%	100-0%	99-0%	73-0%	71-0%	100-0%	99-0%	86-0%	86-0%	99-7%	99-7%	97-3%	100-3%	100-6%	99-6%
Legrand	067083/048869	230/50Hz	400	U	100-0%	100-0%					77-0%	80-0%	100-0%	99-0%	73-0%	71-0%	100-0%	99-0%	86-0%	86-0%	99-7%	99-7%	97-3%	100-3%	100-6%	99-6%
Legrand	770061	230/50Hz	400	RL	100-0%	100-0%	82-0%				90-0%	94-0%													100-5%	
Legrand	099314	230/50Hz	300	RL	81-0%	100-0%	72-0%	85-0%	95-0%	97-0%	92-0%		100-0%	99-0%	80-0%	99-0%	100-0%	100-0%	97-0%	96-0%	96-0%	97-0%	100-0%	100-0%	97-0%	97-0%
Legrand	770062	230/50Hz	400	RLC	81-0%	100-0%	86-10%	100-0%	92-0%	91-0%	98-0%	98-0%	99-0%	99-0%	80-0%	97-0%	100-0%	100-0%	98-0%	98-0%	99-8%	99-7%	100-8%	100-3%	98-6%	97-5%
Legrand	078405	230/50Hz	600	RL	100-0%			87-0%			93-0%	95-0%						100-0%	97-0%		100-0%	99-0%	95-0%	100-0%	97-0%	
MASTER	DM-DGL	230/50Hz	1000	U / LED					88-29%	100-36%			95-28%	100-32%							98-31%	100-35%				
MASTER	DM-2500	230/50Hz	2500	U / LED	97-0%	100-0%	74-0%	83-0%	93-0%	96-0%	90-0%	91-0%	95-0%	100-0%	98-0%	98-0%	100-0%	100-11%	89-0%	92-0%	100-0%	100-0%	100-0%	100-0%	97-1%	97-1%
Merten	MEGS136-0000	230/50Hz				100-0%	92-0%	97-0%	94-0%	95-1%	89-0%		99-1%	100-0%	98-0%	99-0%	100-1%	97-0%	97-0%	95-0%	100-2%	100-1%	100-5%	100-3%	99-3%	99-2%
Merten	MEGS134-0000	230/50Hz			100-0%	100-0%	98-0%	96-0%	91-0%	97-0%	98-0%	98-0%	100-0%	99-0%	99-0%	99-0%	100-1%	99-0%	99-0%	100-21%	99-22%	100-16%	100-18%	98-17%	98-15%	
Merten	MEGS139-0000	230/50Hz			100-0%	100-0%		98-0%			70-0%	87-0%	91-0%	99-2%	100-2%	82-0%	86-0%	100-1%	100-2%	91-0%	95-0%	99-12%	99-22%	100-18%	100-8%	98-9%
Merten	MEGS137-0000	230/50Hz			74-0%	100-0%	95-0%	92-0%			95-0%	98-0%	99-3%	99-0%	76-0%	100-0%	100-3%	99-0%	96-0%	95-0%	99-23%	99-20%	100-18%	100-21%	98-17%	98-15%
Merten	MEGS133-0000	230/50Hz			74-0%	100-0%	92-0%	91-0%			82-0%	94-0%	93-0%	99-0%	99-0%	82-0%	97-0%		70-0%	89-0%	97-0%	99-11%	98-17%	100-13%	98-6%	98-6%
Merten	MEGS138-0000	230/50Hz			85-0%	100-0%	89-0%	98-0%			79-0%	81-0%	99-0%	100-0%	74-0%	75-0%	100-0%	100-0%	81-0%	86-0%	98-2%	98-1%	100-3%	100-1%	100-2%	98-2%
Merten	MEG 5170-0300	230/50Hz	10-200	U	85-0%	100-0%	65-0%	85-0%	91-0%	95-0%	79-0%	98-0%			97-0%	94-0%			83-0%	92-0%			92-34%	87-32%	77-24%	73-22%
Merten	MEG 5131	230/50Hz	40-400	L	100-0%	100-0%	63-0%	83-0%			75-0%	87-0%	91-0%	99-0%	100-0%	86-0%	93-0%	100-0%	99-0%	86-0%	94-0%	99-0%	99-0%	97-0%	100-0%	98-0%
Merten	MEG 5132	230/50Hz			100-0%	100-0%	63-0%	83-0%			75-0%	87-0%	91-0%	99-0%	100-0%	86-0%	93-0%	100-0%	99-0%	86-0%	94-0%	99-0%	99-0%	97-0%	100-0%	98-0%

DIMMER COMPATIBILITY CLASSIC 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 Filament/GL FR	SUPERSTAR CL A 100 Frosted	PARATHOM DIM CL A 150	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%)																											
	Undesired dimmability																											
	Not tested																											
					4058075107564 / AC24268 4058075211261 / AC24268 4058075107526 / AC24269 4058075211346 / AC24269	4058075132658 / AC24242 4058075434660 / AC24242 4052899961920 / AC24279 4058075211322 / AC24279 4058075054226 / AC24285 4052899959132 / AC24285	4058075132917 / AC24327	4058075808287 / AC24238 4058075434608 / AC24238 4058075808249 / AC24239 4058075434622 / AC24239 4058075107588 / AC24267 4058075448124 / AC24267 405807515958 / AC24280 4052899961869 / AC24280 4058075054240 / AC24286 4052899941465 / AC24286	4058075433861 / AC24705	4058075107809 / AC24263 4058075434967 / AC24263 4058075107700 / AC24264 4058075435001 / AC24264 4058075107687 / AC24265 4058075448063 / AC24265 4058075808324 / AC24270 4058075436886 / AC24270 4058075110994 / AC24271 4058075808300 / AC24271	4058075433809 / AC24704	4058075289093 / AC24244 4058075434707 / AC24244 4058075245665 / AC24245 4058075289055 / AC24245 4058075289031 / AC24246 4058075289897 / AC24246 4058075245907 / AC24246 4058075245860 / AC24247 4058075289959 / AC24248 4058075448100 / AC24248	4058075433823 / AC24703	4058075437326 / AC24218	4058075433847 / AC24715													
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																								
Merten	MEG 5140	230/50Hz	9-100	L	100-0%	100-0%	58-0%	82-0%	77-0%	85-0%	93-0%	100-0%	100-0%	79-0%	88-0%	100-0%	99-0%	90-0%	94-0%	98-0%	98-0%	95-0%	100-0%	98-14%	100-0%			
Merten	MEG 5135	230/50Hz	60-1000	L	100-0%	100-0%	96-0%	91-0%	100-0%	97-0%	99-0%	98-0%	99-0%	84-0%	96-0%	100-0%	100-0%	75-0%	97-0%	100-0%	100-0%	100-0%	100-0%	97-0%	100-0%			
MK	K4501	230/50Hz	180	L	92-0%	100-0%		99-0%		99-0%	98-0%	98-0%	100-0%		76-0%	87-0%	100-0%	97-0%	94-0%	94-0%	97-9%	97-11%	97-11%	100-13%	98-7%	98-5%		
NEXUS	881P-01	230/50Hz	400	L	98-0%		69-0%	98-0%		92-0%	93-0%	96-0%	93-0%	99-0%	90-0%	90-0%		96-0%	96-0%	100-0%	99-0%	100-0%	100-0%	100-0%	97-0%	97-0%		
NIKO	310-0190001901	230/50Hz	5-200	U	87-0%	100-0%	85-0%	85-0%	98-0%	96-0%	89-0%	89-0%	100-9%	96-0%	74-0%	100-0%	100-0%	89-0%	90-0%	100-6%	99-8%	100-5%	100-5%	97-11%	97-10%			
NIKO	330-0070000701	230/50Hz	5-200	U	100-0%	100-0%	65-0%	85-0%	97-0%	97-0%	57-0%	76-0%	99-0%	100-0%	98-0%	96-0%	100-0%	100-0%	91-0%	100-0%	100-0%	100-0%	100-0%	100-0%	97-0%	97-1%		
Odace	S520512	230/50Hz			100-0%	100-0%	98-0%	96-0%	91-0%	97-0%	97-0%	98-0%	100-0%	99-0%	99-0%	100-1%	99-0%	99-0%	100-21%	99-20%	100-16%	100-18%	98-17%	98-15%				
Odace	S520511	230/50Hz			74-0%	100-0%	92-0%	91-0%		82-0%	94-0%	93-0%	99-0%	82-0%	97-0%		70-0%	89-0%	97-0%	99-11%	98-17%	100-13%	100-13%	98-6%	98-6%			
Odace	S520515	230/50Hz			85-0%	100-0%	89-0%	98-0%		79-0%	81-0%	99-0%	100-0%	74-0%	75-0%	100-0%	100-0%	81-0%	86-0%	98-2%	98-1%	100-3%	100-1%	100-2%	98-2%			
Odace	S520518	230/50Hz			100-0%	100-0%	58-0%	82-0%		77-0%	85-0%	93-0%	100-0%	79-0%	88-0%	99-0%	99-0%	90-0%	94-0%	98-0%	98-0%	95-0%	100-0%	98-14%	100-0%			
Osram	HTI DALI 315 DIM	230/50Hz	20-315	DALI-T	100-0%	100-0%		100-0%	91-0%	93-0%	98-0%	98-0%	99-0%	98-0%	99-0%	98-0%	98-0%	96-0%	95-0%	100-12%	100-11%	100-18%	100-0%	99-9%	99-8%			
PEHA	435 HAN	230/50Hz	60-600	L	98-0%	100-0%		81-0%		80-0%	82-0%	89-0%	99-1%	100-5%	77-0%	81-0%	100-2%	100-7%	88-0%	93-0%	98-21%	98-25%	100-26%	98-0%	98-8%			
Schneider	400GU	230/50Hz	40-400	T	80-0%	100-0%				75-0%	99-0%		100-0%	75-0%	100-0%		89-0%	97-0%	98-1%	99-0%		100-0%	100-1%	99-0%	99-0%			
Schneider	SBD315RC	230/50Hz				100-0%	92-0%	97-0%	94-0%	95-1%	89-0%		99-1%	100-0%	98-0%	99-0%	100-1%	97-0%	97-0%	95-0%	100-2%	100-1%	100-5%	100-3%	99-3%	99-2%		
Schneider	SBD200LED	230/50Hz	400		100-0%	100-0%	98-0%	96-0%	91-0%	97-0%	98-0%	100-0%	99-0%	99-0%	99-0%	100-1%	99-0%	99-0%	100-21%	99-20%	100-16%	100-18%	98-17%	98-15%	98-15%			
Schneider	SBD600RCRL	230/50Hz			100-0%	100-0%		98-0%		70-0%	87-0%	91-0%	99-2%	100-2%	82-0%	86-0%	100-1%	100-2%	91-0%	99-12%	99-22%	100-18%	100-26%	100-8%	98-9%			
Schneider	SBD630RC	230/50Hz			74-0%	100-0%	95-0%	92-0%		95-0%	98-0%	99-3%	99-0%	76-0%	100-0%	100-3%	99-0%	96-0%	95-0%	99-23%	99-20%	100-18%	100-21%	98-17%	98-15%			
Schneider	SBD600RL	230/50Hz			74-0%	100-0%	92-0%	91-0%		82-0%	94-0%	93-0%	99-0%	99-0%	82-0%	97-0%		89-0%	97-0%	99-11%	98-17%	100-13%	100-13%	98-6%	98-6%			
Schneider	SBD420RCRL	230/50Hz			85-0%	100-0%	89-0%	98-0%		79-0%	81-0%	99-0%	100-0%	74-0%	75-0%	100-0%	100-0%	81-0%	86-0%	98-2%	98-1%	100-3%	100-1%	100-2%	98-2%			
Schneider	5170	230/50Hz			85-0%	100-0%	65-0%	85-0%	91-0%	95-0%	79-0%	98-0%		97-0%	94-0%		83-0%	92-0%			92-34%	87-32%	77-24%	73-22%				
Schneider	SBD400RL	230/50Hz			100-0%	100-0%	63-0%	83-0%		75-0%	87-0%	91-0%	99-0%	100-0%	86-0%	93-0%	100-0%	99-0%	86-0%	94-0%	99-0%	99-0%	97-0%	100-0%	99-18%	98-0%		
Schneider	SBD5PL	230/50Hz			100-0%	100-0%	58-0%	82-0%		77-0%	85-0%	93-0%	100-0%	79-0%	88-0%	100-0%	99-0%	90-0%	94-0%	98-0%	98-0%	95-0%	100-0%	98-14%	100-0%			
Schneider	ATT01000RL	230/50Hz			100-0%	100-0%	96-0%	91-0%	100-0%		97-0%	99-0%	98-0%	99-0%	84-0%	96-0%	100-0%	100-0%	75-0%	97-0%	100-0%	100-0%	100-0%	97-0%	100-0%			
Shuttle	SDIM-T-LED-500W	230/50Hz	2-500	T & LED-T	100-0%	100-0%	86-0%	92-0%	88-0%	94-0%	97-0%	97-0%	100-5%	91-0%	95-0%	100-0%	97-0%	81-0%	80-0%	100-10%	100-9%	100-11%	100-13%	97-7%	97-7%			
Siemens	5TC8 284	230/50Hz	20-525	T		100-0%				97-0%	98-0%		100-0%	97-0%	99-0%		99-0%		99-0%	99-0%	99-9%	98-7%	100-16%	100-0%	99-9%	99-6%		
Siemens	5WG1-527-1AB31	230/50Hz	20-500	KNX-U									100-0%	100-0%			100-0%	100-0%		100-2%	100-0%	100-0%	100-0%	97-0%	97-1%			
VADSBO	LD 220	230/50Hz	1-200	U	100-0%	100-0%	83-0%	89-0%	99-0%	97-0%	96-0%	100-0%	99-18%	99-0%	98-0%	95-0%	100-0%	100-0%	83-0%	93-0%				98-43%	98-43%			
VARILIGHT	HQ3W	230/50Hz	400		97-0%	100-0%	73-0%	91-0%	96-0%	97-0%	98-0%	98-0%	99-0%		74-0%	89-0%	100-0%	91-0%	95-0%	100-6%	100-5%	100-8%	100-5%	97-5%	97-5%			
VARILIGHT	JQ401W	230/50Hz	400	T	93-0%	100-0%	97-0%	99-0%		97-0%		98-0%		98-0%	98-0%		99-0%	99-0%	100-10%	100-10%		100-0%		97-4%				
Vimar	20135	230/50Hz	3-100	U	100-0%	98-0%	58-0%	74-0%	99-0%	98-0%	85-0%	90-0%	99-0%		74-0%	97-0%	100-0%	100-0%	81-0%	76-0%	100-6%	99-5%	100-5%	98-5%	98-5%			
ZANO	WH401	230/50Hz	400	L	100-0%	100-0%		99-0%	94-0%	99-0%	73-0%	94-0%		100-0%	84-0%	84-0%	100-0%	100-0%	93-0%	96-0%	100-0%	100-0%	100-0%	97-0%	97-0%			
ZANO	WH251	230/50Hz	250		100-0%	97-0%	85-0%	97-0%		99-0%	79-0%	95-0%			83-0%	89-0%	14-0%		96-0%	96-0%	100-0%	100-0%	100-0%	97-0%	97-0%			
ZANO	Z GRID 700	230/50Hz	250	LED	100-0%	100-0%	98-0%	95-0%			98-0%	98-0%			98-0%	98-0%			99-0%	99-0%								
ZANO	Z GRID 500	230/50Hz	500		82-0%	100-0%		98-0%		91-0%	98-0%	97-0%	100-0%	99-0%	86-0%	85-0%		100-0%	95-0%	91-0%	96-0%	100-0%	99-0%	97-0%	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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