

## DIMMER COMPATIBILITY Vintage 1906 + SUPERSTAR Globe

### 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 CLP 2.5 Glass Frosted	PARATHOM DIM CLP 25 FIL	PARATHOM DIM CLP 40 Frosted	PARATHOM DIM CLP 40
Very good dimmability with indicated number of lamps (dimmability range greater than 75%)								
Limited dimmability with indicated number of lamps (dimmability range between 75%)								
Undesired dimmability								
Not relevant								
Dimmer					Basic Code	Basic Code	Basic Code	Basic Code
Brand	Model	Voltage range	Power	Type	100-2%	10-2%	100-2%	10-2%
ABB	STO 5.0-2	230/50 Hz	60-500	L	100-2%	100-2%	100-2%	100-2%
Athenburger	S.O.2	230/50 Hz		U	100-2%	100-2%	100-2%	100-2%
AURORA	DSP 4.00	230/50 Hz	4.00	R	100-2%	100-2%	100-2%	100-2%
Berker	28.61	230/50 Hz	5.0-42.0	U	95-10%	95-10%	95-10%	95-10%
elcico	NT44.02.N	230/50 Hz	5.00	R	100-2%	100-2%	100-2%	100-2%
elcico	NT44.02.HC (40/42.4)	230/50 Hz		U	100-2%	100-2%	94-6%	95-2%
elcico	L/N/NT44.11.N	230/50 Hz		U	100-2%	100-2%	94-6%	95-2%
Switchgear	22.50 U	230/50 Hz	60-60.0	L	100-2%	100-2%	100-2%	100-2%
Switchgear	65.12 U-10.2	230/50 Hz	4.20	T	100-2%	100-2%	100-2%	100-2%
Switchgear	65.12 U	230/50 Hz		U	100-2%	100-2%	100-2%	100-2%
Switchgear	65.12 U-10.2	230/50 Hz	4.0-42.0	T	100-2%	100-2%	95-2%	95-2%
CRISTAL CONTROL	MULTIDIMMER	230/50 Hz	60-60.0	U	95-2%	95-2%	95-2%	95-2%
DIMY	RS 6.1 LED	230/50 Hz	4.00	LED	100-2%	100-2%	95-4%	95-4%
ELKO	40.02.L	230/50 Hz		U	100-2%	100-2%	100-2%	100-2%
ELKO	2.15.01.E	230/50 Hz	20-	T	100-2%	100-2%	100-2%	100-2%
ELKO	60.02.L	230/50 Hz	4.0-60.0	U	100-2%	100-2%	100-2%	100-2%
ELKO	41.02.L	230/50 Hz	4.0-42.0	U	100-2%	100-2%	95-4%	95-4%

Information about the OSRAM lamp type

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

# DIMMER KOMPATIBILITÄT Vintage 1906 + SUPERSTAR Globe

## 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			
					23 Glass Frosted	25 FIL	40 Frosted	40
Very good dimmability with indicated number of lamps (minimum recommended lamp 75%)								
Limited dimmability with indicated number of lamps (minimum recommended lamp 75%)								
Undesired dimmability								
Not relevant								
Dimmer					AC00227	AC00228	AC00229	AC00230
Brand	Model	Voltage range	Power	Type	1 lamp	2 lamp	3 lamp	4 lamp
ABB	STO 50-3	230/50 Hz	60-500	L	99-2%	100-5%	99-2%	100-5%
Auerburger	S.O.3	230/50 Hz			100-2%	100-2%	100-2%	97-2%
AURORA	OSP 400	230/50 Hz	400	R	100-2%	100-2%	95-0%	95-0%
Beimar	28 61	230/50 Hz	50-420	U	95-10%	95-4%	95-10%	95-4%
Belcho	NT44 02 IN	230/50 Hz	500	R	100-2%	100-2%	94-0%	95-0%
Belcho	NT44 02HC (H2) (H24)	230/50 Hz			100-2%	100-2%	94-0%	95-0%
Belcho	L/N/NT44 11N	230/50 Hz			100-2%	100-2%	94-0%	95-0%
Busch-Jaeger	21 50 U	230/50 Hz	60-600	L		40-3%		40-3%
Busch-Jaeger	6 51 3 U-10 3	230/50 Hz	420	T		100-2%		97-1%
Busch-Jaeger	66 28 U	230/50 Hz			100-12%	100-2%	100-12%	100-2%
Busch-Jaeger	6 51 3 U-10 3	230/50 Hz	40-420	T		100-12%		94-10%
CEINTECH CONTRA QL	MSLCTP100SER	230/50 Hz	60-600	U	95-2%	95-2%	95-2%	95-2%
DINVOY	66 61 L 62	230/50 Hz	400	LED	100-2%	100-2%	100-2%	95-4%
ELKO	40 OGLI	230/50 Hz				93-3%		93-3%
ELKO	215 GLE	230/50 Hz	30-	T		100-2%		100-2%
ELKO	60 OGLI	230/50 Hz	40-600	U	100-2%	100-5%	100-2%	99-1%
ELKO	42 OGLI 1	230/50 Hz	40-420	U		101-2%		97-3%






Angaben zum OSRAM Lampentyp

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






## DIMMER COMPATIBILITY Vintage 1906 + SUPERSTAR Globe

Legend					Vintage 1906 CL Edison		Vintage 1906 CL Tubular		Vintage 1906 CL Globe 125		SUPERSTAR CL GLOBE 95 75		SUPERSTAR CL GLOBE 95 100	
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	
Undesired dimmability														
Not relevant														
Not tested					4052899972360 / AC08194		4058075114449 / AC08340		4058075808997 / AC08204		4058075112131 / AC08210		4058075112056 / AC08211	
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
Brand	Model	Voltage range	Power	Type										
ABB	STD 50-3	230/50Hz	60-500	L	100-1%	100-1%	85-3%	95-0%	100-1%	100-1%	100-15%		96-13%	
Altenburger	50,3	230/50Hz				100-1%	53-0%			100-1%	100-23%	100-13%		97-12%
AURORA	DSP 400	230/50Hz	400	R				98-0%						
Berker	2861	230/50Hz	50-420	U	100-5%	100-1%	97-2%	96-2%	100-5%	100-1%	100-33%	100-30%	98-32%	97-27%
Bticino	L/N/NT4411N	230/50Hz			95-1%	98-2%	94-0%	93-0%	95-1%	98-2%	100-7%		86-3%	86-3%
Bticino	L/N/NT4408	230/50Hz				100-1%		97-0%		100-1%	100-1%	100-17%	96-1%	97-1%
bticino	NT4402N	230/50Hz	500	R	66-1%	100-1%			66-1%	100-1%	100-27%	100-27%	86-13%	85-13%
Busch-Jaeger	6513 U-102	230/50Hz	420	T	100-14%	100-1%	96-21%	94-0%	100-14%	100-1%		100-21%		98-18%
Busch-Jaeger	6523 U-102	230/50Hz	40-420	T		96-7%		95-0%		96-7%	100-27%	100-39%	92-21%	
Busch-Jaeger	2250 U	230/50Hz	60-600	L							100-9%	100-16%	97-9%	
Busch-Jaeger	6526 U	230/50Hz			100-3%	100-1%	94-5%	95-12%	100-3%	100-1%	100-38%	100-42%	95-17%	
CENTURY CONTROL	MULTI DIMMER	230/50Hz	60-600	U	98-1%	100-1%	94-0%	96-0%	98-1%	100-1%	100-2%	100-7%	95-3%	
DINUY	RE EL1 LE1	230/50Hz	400	LED	100-1%	100-1%	100-0%	100-0%	100-1%	100-1%	100-1%	100-1%	99-1%	
ELKO	400GLI	230/50Hz			78-1%			87-0%	78-1%					
ELKO	315GLE	230/50Hz	20-315	T	84-1%	99-1%		95-0%	84-1%	99-1%		100-22%	97-24%	97-20%
ELKO	600GLE/I	230/50Hz			100-1%	100-1%	98-0%	98-0%	100-1%	100-1%	100-1%	100-2%	94-1%	
ELKO	600GLi	230/50Hz	40-600	U		100-1%	78-0%	95-0%		100-1%	100-17%	100-28%	95-8%	
ELKO	420GLE/I	230/50Hz	40-420	U		100-1%		96-0%		100-1%	100-9%	100-8%	95-2%	93-1%
ELKO	1000LRI	230/50Hz			100-1%	100-1%	95-0%	95-0%	100-1%	100-1%			98-1%	
ELKO	630GLE	230/50Hz	20-630	U		100-1%		100-0%		100-1%	100-13%	100-10%	98-13%	97-10%
Eltako	EUD61NPN-UC	230/50Hz	5-400	R / L / C	100-1%	100-1%	100-0%	100-0%	100-1%	100-1%	100-1%	100-1%	94-1%	
Feller	40200.LEDxxx	230/50Hz			100-1%	100-1%		98-0%	100-1%	100-1%	100-23%	100-21%	97-22%	97-18%
Feller	40600 RLC	230/50Hz	20-600	U	100-1%	100-1%	98-0%	98-0%	100-1%	100-1%	100-1%	100-2%	94-1%	
Feller	40600.RC	230/50Hz				100-1%		100-0%		100-1%	100-13%	100-10%	98-13%	97-10%
Feller	40600.RL	230/50Hz				100-1%	78-0%	95-0%		100-1%	100-17%	100-28%	95-8%	
Feller	40420.RLC	230/50Hz				100-1%		96-0%		100-1%	100-9%	100-8%	95-2%	93-1%
Feller	31000	230/50Hz			100-1%	100-1%	95-0%	95-0%	100-1%	100-1%			98-1%	
GIRA	226200	230/50Hz					85-0%	93-10%						
Gira	030700	230/50Hz	20-525	T	98-1%	100-1%	95-3%	93-0%	98-1%	100-1%		100-19%	97-22%	95-17%
Gira	117600	230/50Hz	50-420	U	98-6%	100-1%		97-3%	98-6%	100-1%	100-29%	100-30%	91-31%	97-28%
Gira	238500	230/50Hz			100-1%	100-1%			100-1%	100-1%	100-4%	100-8%	97-3%	

## DIMMER COMPATIBILITY Vintage 1906 + SUPERSTAR Globe

Legend					Vintage 1906 CL Edison		Vintage 1906 CL Tubular		Vintage 1906 CL Globe 125		SUPERSTAR CL GLOBE 95 75		SUPERSTAR CL GLOBE 95 100	
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	
Undesired dimmability														
Not relevant														
Not tested					405289972360 / AC08194		4058075114449 / AC08340		4058075808997 / AC08204		4058075112131 / AC08210		4058075112056 / AC08211	
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
Brand	Model	Voltage range	Power	Type										
Gira	217400	230/50Hz	4X20-250	KNX-U	100-1%	100-1%			100-1%	100-1%				
Hager	WUD87	230/50Hz	400	LED-U	100-1%	100-1%	95-0%	95-0%	100-1%	100-1%	98-20%	100-14%	98-18%	98-13%
Hamilton	KP1X40	230/50Hz	400		98-12%				98-12%					
Hugo Müller	paladin 872110 led	230/50Hz			100-1%	100-1%	100-0%	100-0%	100-1%	100-1%	100-1%	100-1%	99-1%	
Jung	225 NVDE	230/50Hz	20-500	L			85-0%	93-10%						
Jung	225 TDE	230/50Hz			98-1%	100-1%	95-3%	93-0%	98-1%	100-1%		100-19%	97-22%	95-17%
Jung	254 UDIE1	230/50Hz			98-6%	100-1%		97-3%	98-6%	100-1%	100-29%	100-30%	91-31%	97-28%
Jung	1224 LEDUDE	230/50Hz		LED	100-1%	100-1%			100-1%	100-1%	100-4%	100-8%	97-3%	
Jung	3904 REGHE	230/50Hz			100-1%	100-1%			100-1%	100-1%	98-20%	100-14%	98-18%	98-13%
Legrand	665114	230/50Hz	400	U	95-1%	98-2%	94-0%	93-0%	95-1%	98-2%	100-7%		86-3%	86-3%
Legrand	067083=048869=048	230/50Hz			95-1%	98-2%	94-0%	93-0%	95-1%	98-2%	100-7%		86-3%	86-3%
Legrand	770061	230/50Hz	400	RL							100-19%		97-8%	
Legrand	099314	230/50Hz	300	RL		100-1%				100-1%			96-2%	
Legrand	770062	230/50Hz	400	RLC		100-1%		95-0%		100-1%	100-1%	100-13%	92-2%	
Legrand	078405	230/50Hz	600	RL		100-1%		97-0%		100-1%	100-1%	100-17%	96-1%	97-1%
MASTER	DM-DGL	230/50Hz	1000	U / LED	94-1%	100-1%	91-0%	100-0%	94-1%	100-1%	100-4%	100-1%	98-3%	
MASTER	DM-2500	230/50Hz	2500	U / LED	98-1%	100-1%	94-0%	100-0%	98-1%	100-1%	100-1%	99-1%	100-1%	
Merten	MEG5136-0000	230/50Hz			84-1%	99-1%		95-0%	84-1%	99-1%		100-22%	97-24%	97-20%
Merten	MEG5134-0000	230/50Hz			100-1%	100-1%		98-0%	100-1%	100-1%	100-23%	100-21%	97-22%	97-18%
Merten	MEG5139-0000	230/50Hz			100-1%	100-1%	98-0%	98-0%	100-1%	100-1%	100-1%	100-2%	94-1%	
Merten	MEG5137-0000	230/50Hz				100-1%		100-0%		100-1%	100-13%	100-10%	98-13%	97-10%
Merten	MEG5133-0000	230/50Hz				100-1%	78-0%	95-0%		100-1%	100-17%	100-28%	95-8%	
Merten	MEG5138-0000	230/50Hz				100-1%		96-0%		100-1%	100-9%	100-8%	95-2%	93-1%
Merten	MEG 5170-0300	230/50Hz	10-200	U	100-1%	100-1%		96-0%	100-1%	100-1%	81-32%	80-29%		
Merten	MEG 5131	230/50Hz	40-400	L	94-1%	100-1%	75-0%	95-0%	94-1%	100-1%	100-1%	100-1%	95-1%	
Merten	MEG 5132	230/50Hz			94-1%	100-1%	75-0%	95-0%	94-1%	100-1%	100-1%	100-1%	95-1%	
Merten	MEG 5140	230/50Hz	9-100	L	98-1%	100-1%	69-0%	96-0%	98-1%	100-1%	100-1%	100-10%	91-1%	
Merten	MEG 5135	230/50Hz	60-1000	L	100-1%	100-1%	95-0%	95-0%	100-1%	100-1%			98-1%	
MK	K4501	230/50Hz	180	L	94-1%	100-1%	73-0%		94-1%	100-1%	100-9%	100-13%	89-8%	
NEXUS	881P-01	230/50Hz	400	L		100-1%		97-0%		100-1%	100-0%	100-1%	97-1%	

## DIMMER COMPATIBILITY Vintage 1906 + SUPERSTAR Globe

Legend						Vintage 1906 CL Edison		Vintage 1906 CL Tubular		Vintage 1906 CL Globe 125		SUPERSTAR CL GLOBE 95 75		SUPERSTAR CL GLOBE 95 100	
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	
Undesired dimmability															
Not relevant															
Not tested						4052899972360 / AC08194		4058075114449 / AC08340		4058075808997 / AC08204		4058075112131 / AC08210		4058075112056 / AC08211	
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
Brand	Model	Voltage range	Power	Type											
NIKO	310-01900	230/50Hz	5-200	U		100-1%	100-1%	100-0%	100-0%	100-1%	100-1%	99-1%	99-1%	99-1%	100-1%
NIKO	330-00700	230/50Hz	5-200	U		100-1%	100-1%	100-0%	100-0%	100-1%	100-1%	100-6%	100-6%	99-1%	
Odace	S520512	230/50Hz				100-1%	100-1%		98-0%	100-1%	100-1%	100-23%	100-21%	97-22%	97-18%
Odace	S520511	230/50Hz					100-1%	78-0%	95-0%		100-1%	100-17%	100-28%	95-8%	
Odace	S520515	230/50Hz					100-1%		96-0%		100-1%	100-9%	100-8%	95-2%	93-1%
Odace	S520518	230/50Hz				98-1%	100-1%	69-0%	96-0%	98-1%	100-1%	100-1%	100-10%	91-1%	
Osram	HTi DALI 315 DIM	230/50Hz	20-315	DALI-T		96-1%	98-1%	94-0%	93-0%	96-1%	98-1%	99-14%	100-13%	98-12%	
PEHA	435 HAN	230/50Hz	60-600	L			100-1%		95-0%		100-1%	100-10%	100-14%	91-13%	
Schneider	400GLI	230/50Hz	40-400	T		78-1%			87-0%	78-1%					
Schneider	SBD315RC	230/50Hz				84-1%	99-1%		95-0%	84-1%	99-1%		100-22%	97-24%	97-20%
Schneider	SBD200LED	230/50Hz	400			100-1%	100-1%		98-0%	100-1%	100-1%	100-23%	100-21%	97-22%	97-18%
Schneider	SBD600RCRL	230/50Hz				100-1%	100-1%	98-0%	98-0%	100-1%	100-1%	100-1%	100-2%	94-1%	
Schneider	SBD630RC	230/50Hz					100-1%		100-0%		100-1%	100-13%	100-10%	98-13%	97-10%
Schneider	SBD600RL	230/50Hz					100-1%	78-0%	95-0%		100-1%	100-17%	100-28%	95-8%	
Schneider	SBD420RCRL	230/50Hz					100-1%		96-0%		100-1%	100-9%	100-8%	95-2%	93-1%
Schneider	5170	230/50Hz				100-1%	100-1%		96-0%	100-1%	100-1%	81-32%	80-29%		
Schneider	SBD400RL	230/50Hz				94-1%	100-1%	75-0%	95-0%	94-1%	100-1%	100-1%	100-1%	95-1%	
Schneider	SBDSPL	230/50Hz				98-1%	100-1%	69-0%	96-0%	98-1%	100-1%	100-1%	100-10%	91-1%	
Schneider	ATTD1000RL	230/50Hz				100-1%	100-1%	95-0%	95-0%	100-1%	100-1%			98-1%	
Shuttle	SDIM-T-LED-500W	230/50Hz	2-500	T & LED-T		100-1%	100-1%	91-0%	96-0%	100-1%	100-1%	100-8%	100-9%	97-9%	97-10%
Siemens	5TC8 284	230/50Hz	20-525	T		96-2%				96-2%					
Siemens	5WVG1-528-1AB31	230/50Hz	20-500	KNX-U		100-1%	100-1%			100-1%	100-1%	100-4%	100-1%	98-1%	98-1%
VADSBO	LD 220	230/50Hz	1-200	U		100-1%	100-1%	96-33%	96-24%	100-1%	100-1%	100-2%	100-2%	98-1%	98-3%
VARILIGHT	HQ3W	230/50Hz	400			98-1%			94-0%	98-1%		100-24%	100-36%	87-19%	87-19%
VARILIGHT	JQP401W	230/50Hz	400	T			100-1%				100-1%		100-14%		
Vimar	20135	230/50Hz	3 - 100	U		100-1%	100-1%			100-1%	100-1%	100-7%	100-6%	100-6%	97-6%
ZANO	WH401	230/50Hz	400	L		92-1%	100-1%	91-0%	96-0%	92-1%	100-1%	100-1%	100-1%	97-2%	
ZANO	WH251	230/50Hz	250									100-1%	100-1%	95-2%	
ZANO	Z GRID 700	230/50Hz	250	LED		100-1%	100-1%	97-0%	97-0%	100-1%	100-1%	98-2%	98-0%	91-1%	89-1%
ZANO	Z GRID 500	230/50Hz	500			100-1%	100-1%	86-0%	98-0%	100-1%	100-1%	100-0%	100-0%	97-2%	

**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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