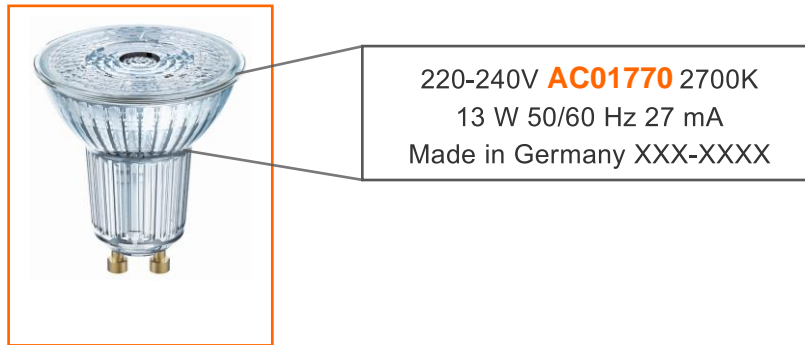


DIMMER COMPATIBILITY R50+R63+R80

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%)					EAN/Basic Code				EAN/Basic Code				EAN/Basic Code				EAN/Basic Code			
Undesired dimmability					405289330153AC0184				40528933017AC0187				405289330218AB41905				405807503688AC03043			
Not relevant					405289330157AC0182				405289330195AC0184				405289330232AB41906				405807503682AC03051			
Not tested					Number of Lamps				Number of Lamps				Number of Lamps				Number of Lamps			
Dimmer					Dimming range		Dimming range		Dimming range		Dimming range		Dimming range		Dimming range		Dimming range			
Brand	Model	Voltage range	Power	Type	1-20	98% - 15%	1-13	98% - 20%	1-8	97% - 23%	1-8	97% - 23%	1-20	98% - 15%	2-20	97% - 12%	2-20	98% - 16%	2-20	98% - 16%
ABB	STD 50-3	230/50Hz	60-500	L	1-10	98% - 15%	1-10	97% - 26%	1-9	97% - 15%	1-9	97% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%
Altenburger Electronic	50 30	230/50Hz	15-350	T	1-10	98% - 15%	1-10	97% - 26%	1-9	97% - 15%	1-9	97% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%
ALPORA	DSP 400	230/50Hz	400	L	1-10	98% - 15%	1-10	97% - 26%	1-9	97% - 15%	1-9	97% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%
Berker	2861	230/50Hz	50-420	U	1-10	98% - 15%	1-10	97% - 26%	1-9	97% - 15%	1-9	97% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%
Blicino	LANN441N	230/50Hz			1-10	98% - 15%	1-10	97% - 26%	1-9	97% - 15%	1-9	97% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%
Blicino	LANN4408	230/50Hz			1-10	98% - 15%	1-10	97% - 26%	1-9	97% - 15%	1-9	97% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%
Blicino	NT4402N	230/50Hz	500	R	1-10	98% - 15%	1-10	97% - 26%	1-9	97% - 15%	1-9	97% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%
Busch-Jaeger	6513 U-102	230/50Hz	40-420	T	1-10	98% - 15%	1-10	97% - 26%	1-9	97% - 15%	1-9	97% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%
Busch-Jaeger	6523 U-102	230/50Hz	420	T	1-10	98% - 15%	1-10	97% - 26%	1-9	97% - 15%	1-9	97% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%
Busch-Jaeger	2250 U	230/50Hz	60-600	L	1-10	98% - 15%	1-10	97% - 26%	1-9	97% - 15%	1-9	97% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%
Busch-Jaeger	6526 U	230/50Hz			1-10	98% - 15%	1-10	97% - 26%	1-9	97% - 15%	1-9	97% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%
Busch-Jaeger	2247 U-500	230/50Hz			1-10	98% - 15%	1-10	97% - 26%	1-9	97% - 15%	1-9	97% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%
CENTURY CONTROL	MULTI DIMMER	230/50Hz	60-600	L	1-10	98% - 15%	1-10	97% - 26%	1-9	97% - 15%	1-9	97% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%
DINUY	RE EL1LE1	230/50Hz	400	LED	1-10	98% - 15%	1-10	97% - 26%	1-9	97% - 15%	1-9	97% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%
ELKO	400GLI	230/50Hz			1-10	98% - 15%	1-10	97% - 26%	1-9	97% - 15%	1-9	97% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%
ELKO	315GLE	230/50Hz	20-315	T	1-10	98% - 15%	1-10	97% - 26%	1-9	97% - 15%	1-9	97% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%
ELKO	600GLI	230/50Hz	40-600	U	1-10	98% - 15%	1-10	97% - 26%	1-9	97% - 15%	1-9	97% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%
ELKO	420GLEI	230/50Hz	40-420	U	1-10	98% - 15%	1-10	97% - 26%	1-9	97% - 15%	1-9	97% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%	1-10	98% - 15%

Information about the LEDVANCE lamp type

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

DIMMER COMPATIBILITY R50+R63+R80

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							
Very good dimmability with indicated number of lamps (dimming range greater than 75%)					PAR16 35 36*	PAR16 50 36*	PAR16 60 36*	PAR16 80 120*				
Limited dimmability with indicated number of lamps (dimming range smaller than 75%)												
Undesired dimmability					EAN/ Basic Code	EAN/ Basic Code	EAN/ Basic Code	EAN/ Basic Code				
Not relevant					405283330133/AC01184	405283330171/AC01187	405283330210/AB41305	405807503668/AC03049				
Not tested					405283330157/AC01192	405283330199/AC01194	405283330232/AB41306	405807503632/AC03051				
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	230V50Hz	60-500	L	1-20	98%-15%	1-13	98%-20%	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%
AURORA	DSP 400	230V50Hz	400	L	1-10	98%-15%	2-10	97%-14%	1-4	96%-1%	1-4	96%-1%
Berker	2861	230V50Hz	50-420	U	1-20	98%-27%	1-20	98%-25%	1-20	97%-27%	1-20	97%-27%
Bicimo	LJNNT441N	230V50Hz			1-15	98%-1%	1-10	97%-5%	1-6	94%-7%	1-6	94%-7%
Bicimo	LJNNT4408	230V50Hz			2-20	98%-1%	2-9	98%-1%	1-6	97%-3%	1-6	97%-3%
Bicimo	NT4402N	230V50Hz	500	R	3-18	99%-19%	2-12	97%-19%	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%
Busch-Jaeger	6523 U-102	230V50Hz	420	T	1-10	96%-22%	1-10	97%-26%				
Busch-Jaeger	2250 U	230V50Hz	60-600	L	1-10		2-14	98%-16%	1-9	97%-15%	1-9	97%-15%
Busch-Jaeger	6526 U	230V50Hz			1-13	98%-34%	1-10	97%-35%	1-5		1-5	
Busch-Jaeger	2247 U-500	230V50Hz			1-20	98%-15%	1-13	98%-20%	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%
DINJY	RE EL1LE1	230V50Hz	400	LED	1-11	98%-1%	1-10	98%-1%	1-5	99%-7%	1-5	99%-7%
ELKO	400GLI	230V50Hz			1-10		1-13		1-4	97%-1%	1-4	97%-1%
ELKO	316GLE	230V50Hz	20-315	T	2-20	98%-6%	1-20	98%-7%	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%
ELKO	420GLEI	230V50Hz	40-420	U	1-14	98%-1%	1-13	97%-4%	1-10	97%-19%	1-10	97%-19%








Angaben zum LEDVANCE Lampentyp

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








DIMMER COMPATIBILITY R50+R63+R80

Legend					R50 60 36° DIM P	R50 60 36° DIM S	R63 60 36° DIM P	R63 60 36° DIM S	R80 60 36° DIM P	R80 60 36° DIM S	R80 100 36° DIM P					
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					4099854058608 / AC57976	4099854059179 / AC45722 4099854059246 / AC45723	4099854047954 / AC45655	4099854048456 / AC45641	4099854051234 / AC45656	4099854048418 / AC45642	4099854051288 / AC45657					
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	100-19%		100-8%	100-22%	100-4%	100-7%	100-4%	100-7%	100-4%	100-7%	98-2%	98-3%
Attenburger	50,3	230/50Hz				89-28%	81-0%	100-0%		100-0%		100-0%		100-0%		
AURORA	DSP 400	230/50Hz	400	L	100-0%	100-0%	100-0%	100-0%	98-0%	100-0%	98-0%	100-0%	98-0%	100-0%		90-0%
Berker	2861	230/50Hz	50-420	U		100-11%									100-0%	100-0%
Bticino	LN/NT4111 N HC/HD/HS44 11	230/50Hz			100-0%	100-9%	100-0%	100-0%	92-0%	92-0%	92-0%	92-0%	92-0%	92-0%	82-0%	86-0%
bticino	NT4402N	230/50Hz	500	R			100-0%	100-0%								
Busch-Jaeger	6513 U-102	230/50Hz	420	T	100-47%	100-47%	77-14%		100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%
Busch-Jaeger	6523 U-102	230/50Hz	40-420	T	100-0%	90-0%	100-0%	100-0%	92-0%	92-0%	92-0%	92-0%	92-0%	92-0%	100-0%	90-0%
Busch-Jaeger	2250 U	230/50Hz	60-600	L	98-0%	100-0%	84-0%	100-0%		100-0%		100-0%		100-0%		98-0%
Busch-Jaeger	6526 U	230/50Hz														
NTURY CONTMULTI DIMMER		230/50Hz	60-600	U	89-0%	90-29%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%
DimMax	420SL	230/50Hz	200	L/T	93-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%
DINUY	RE EL1 LE1	230/50Hz	400	LED	100-0%	100-0%	100-37%	100-37%	100-2%	100-1%	100-2%	100-1%	100-2%	100-1%	100-1%	100-0%
Domintell	DimMax 420 SI	230/50Hz	200	L/T	93-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%
ELKO	400GLI	230/50Hz			91-9%	84-9%	100-15%	100-15%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	90-0%	94-0%
ELKO	315GLE	230/50Hz	20-315	T	84-0%	92-0%	81-0%	100-0%	92-0%	100-0%	92-0%	100-0%	92-0%	100-0%		
ELKO	600GLI	230/50Hz	40-600	U	100-11%	100-0%	100-0%	100-0%	94-0%	94-0%	94-0%	94-0%	94-0%	94-0%	90-0%	88-0%
ELKO	420GLEA	230/50Hz	40-420	U	84-0%	89-0%	100-0%		89-0%	92-0%	89-0%	92-0%	89-0%	92-0%	82-0%	100-0%
ELKO	1000LRI	230/50Hz			100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%
ELKO	630GLE	230/50Hz	20-630	U	84-17%	100-13%	100-39%	100-0%		61-1%		61-1%			100-0%	100-0%
Ettako	UD61NPN-UC	230/50Hz	5-400	R/L/C	93-9%	100-19%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-16%
Feller	40200.LEDxxx	230/50Hz			89-17%	93-11%	86-0%	100-0%							100-0%	100-0%
Feller	40600.RC	230/50Hz			84-17%	100-13%	100-39%	100-0%		61-1%		61-1%			100-0%	100-0%
Feller	40600.RL	230/50Hz			100-11%	100-0%	100-0%	100-0%	94-0%	94-0%	94-0%	94-0%	94-0%	94-0%	90-0%	88-0%
Feller	40420.RLC	230/50Hz			84-0%	89-0%	100-0%		89-0%	92-0%	89-0%	92-0%	89-0%	92-0%	82-0%	100-0%
Feller	31000	230/50Hz			100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%
Gira	226200	230/50Hz			90-0%	93-0%	100-0%	100-0%	94-0%	100-0%	94-0%	100-0%	94-0%	100-0%	90-0%	94-0%
Gira	030700	230/50Hz	20-525	T	92-11%	93-11%	100-11%	100-0%	92-1%	100-0%	92-1%	100-0%	92-1%	100-0%	100-0%	98-0%
Gira	117600	230/50Hz	50-420	U	93-9%	100-19%	89-0%	100-0%	98-98%	98-98%	98-98%	98-98%			100-2%	100-2%
Gira	217400	230/50Hz	4X20-250	KNX-U	100-19%	100-19%	100-18%	100-0%	100-26%	100-0%	100-26%	100-0%	100-26%	100-0%	100-23%	100-0%
Hager	WUDE7	230/50Hz	400	LED-U	100-19%	89-17%	100-0%	100-0%	90-0%	92-0%	90-0%	92-0%	90-0%	92-0%	86-0%	86-0%
Hamilton	KP1X40	230/50Hz	400		100-9%	100-0%										
Hugo Müller	adin 872110 l	230/50Hz			100-0%	100-0%	100-37%	100-37%	100-2%	100-1%	100-2%	100-1%	100-2%	100-1%	100-1%	100-0%
Jung	225 NVDE	230/50Hz	20-500	L	90-0%	93-0%	100-0%	100-0%	94-0%	100-0%	94-0%	100-0%	94-0%	100-0%	90-0%	94-0%
Jung	225 TDE	230/50Hz			92-11%	93-11%	100-11%	100-0%	92-1%	100-0%	92-1%	100-0%	92-1%	100-0%	100-0%	98-0%

DIMMER COMPATIBILITY R50+R63+R80

Legend					R50 60 36° DIM P	R50 60 36° DIM S	R63 60 36° DIM P	R63 60 36° DIM S	R80 60 36° DIM P	R80 60 36° DIM S	R80 100 36° DIM P			
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			
					4099854058608 / AC57976	4099854059179 / AC45722 4099854059216 / AC45723	4099854047954 / AC45655	4099854048456 / AC45641	409985405234 / AC45656	4099854048418 / AC45642	4099854052258 / AC45657			
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										
Jung	254 UDIE1	230/50Hz			93-9%	100-19%	89-0%	100-0%						
Jung	1224 LEDUDE	230/50Hz		LED				59-0%	65-0%	59-0%	65-0%	59-0%	65-0%	
Jung	3904 REGHE	230/50Hz			100-19%	100-19%	100-18%	100-0%	100-26%	100-0%	100-26%	100-0%	100-26%	100-0%
Legrand	665114	230/50Hz	400	U	100-0%	100-9%	100-0%	100-0%	92-0%	92-0%	92-0%	92-0%	92-0%	92-0%
Legrand	74319/57433	230/50Hz	400	U	100-0%	100-9%	100-0%	100-0%	92-0%	92-0%	92-0%	92-0%	92-0%	92-0%
Legrand	72239/57273	230/50Hz	400	U	100-0%	100-9%	100-0%	100-0%	92-0%	92-0%	92-0%	92-0%	92-0%	92-0%
Legrand	78407/07920	230/50Hz	400	U	100-0%	100-9%	100-0%	100-0%	92-0%	92-0%	92-0%	92-0%	92-0%	92-0%
Legrand	48869/04887	230/50Hz	400	U	100-0%	100-9%	100-0%	100-0%	92-0%	92-0%	92-0%	92-0%	92-0%	92-0%
Legrand	67083/04886	230/50Hz	400	U	100-0%	100-9%	100-0%	100-0%	92-0%	92-0%	92-0%	92-0%	92-0%	92-0%
Legrand	099314	230/50Hz	300	RL										98-0%
Legrand	770062	230/50Hz	400	RLC	100-9%	100-14%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	98-0%
MASTER	DM-DGL	230/50Hz	1000	U/LED					100-42%	100-46%	100-42%	100-46%	100-42%	100-47%
MASTER	DM-2500	230/50Hz	2500	U/LED	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%
Merten	1EG5136-000	230/50Hz			84-0%	92-0%	81-0%	100-0%	92-0%	100-0%	92-0%	100-0%	92-0%	100-0%
Merten	1EG5134-000	230/50Hz			89-17%	93-11%	86-0%	100-0%						100-0%
Merten	1EG5137-000	230/50Hz			84-17%	100-13%	100-39%	100-0%						100-0%
Merten	1EG5133-000	230/50Hz			100-11%	100-0%	100-0%	100-0%	94-0%	94-0%	94-0%	94-0%	94-0%	94-0%
Merten	1EG5138-000	230/50Hz			84-0%	89-0%	100-0%		89-0%	92-0%	89-0%	92-0%	89-0%	92-0%
Merten	1EG 5170-030	230/50Hz	10-200	U			100-11%	100-13%			100-0%		100-0%	59-0%
Merten	MEG 5131	230/50Hz	40-400	L	89-0%	89-0%	100-0%	100-0%	95-0%	93-0%	95-0%	93-0%	95-0%	93-0%
Merten	MEG 5132	230/50Hz			89-0%	89-0%	100-0%	100-0%	95-0%	93-0%	95-0%	93-0%	95-0%	93-0%
Merten	MEG 5140	230/50Hz	9-100	L	84-0%	89-0%	100-0%	100-0%	95-0%	95-0%	95-0%	95-0%	95-0%	95-0%
Merten	MEG 5135	230/50Hz	60-1000	L	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%
MK	K4501	230/50Hz	180	L		91-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	99-0%
NEXUS	881P-01	230/50Hz	400	L					100-0%	97-0%	100-0%	97-0%	100-0%	97-0%
NIKO	310-01900 01901	230/50Hz	5-200	U	100-0%	100-0%	100-0%	100-0%	100-0%		100-0%		100-0%	100-0%
NIKO	330-00700 00701	230/50Hz	5-200	U	100-0%		100-0%	100-19%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%
Odace	S520512	230/50Hz			89-17%	93-11%	86-0%	100-0%						100-0%
Odace	S520511	230/50Hz			100-11%	100-0%	100-0%	100-0%	94-0%	94-0%	94-0%	94-0%	94-0%	94-0%
Odace	S520515	230/50Hz			84-0%	89-0%	100-0%		89-0%	92-0%	89-0%	92-0%	89-0%	92-0%
Odace	S520518	230/50Hz			84-0%	89-0%	100-0%	100-0%	95-0%	95-0%	95-0%	95-0%	95-0%	95-0%
Osram	Ti DALI 315 DII	230/50Hz	20-315	DALI-T	100-13%	100-13%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%
PEHA	435 HAN	230/50Hz	60-600	L	89-0%	84-0%	91-0%	100-25%	92-0%	93-0%	92-0%	93-0%	92-0%	93-0%
Schneider	400GLI	230/50Hz	40-400	T	91-9%	84-9%	100-15%	100-15%	100-0%	100-0%	100-0%	100-0%	100-0%	90-0%
Schneider	SBD315RC	230/50Hz			84-0%	92-0%	81-0%	100-0%	92-0%	100-0%	92-0%	100-0%	92-0%	100-0%

DIMMER COMPATIBILITY R50+R63+R80

Legend					R50 60 36° DIM P	R50 60 36° DIM S	R63 60 36° DIM P	R63 60 36° DIM S	R80 60 36° DIM P	R80 60 36° DIM S	R80 100 36° DIM P					
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					4099854058608 / AC57976	4099854059179 / AC45722 4099854059216 / AC45723	4099854047954 / AC45655	4099854048456 / AC45641	409985405234 / AC45656	4099854048418 / AC45642	409985405258 / AC45657					
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												
Schneider	SBD200LED	230/50Hz	400		89-17%	93-11%	86-0%	100-0%							100-0%	100-0%
Schneider	SBD630RC	230/50Hz			84-17%	100-13%	100-39%	100-0%		61-1%		61-1%			100-0%	100-0%
Schneider	SBD600RL	230/50Hz			100-11%	100-0%	100-0%	100-0%	94-0%	94-0%	94-0%	94-0%	94-0%	94-0%	94-0%	94-0%
Schneider	SBD420RCRL	230/50Hz			84-0%	89-0%	100-0%		89-0%	92-0%	89-0%	92-0%	89-0%	92-0%	89-0%	92-0%
Schneider	5170	230/50Hz					100-11%	100-13%		100-0%		100-0%		100-0%		59-0%
Schneider	SBD400RL	230/50Hz			89-0%	89-0%	100-0%	100-0%	95-0%	93-0%	95-0%	93-0%	95-0%	93-0%	95-0%	93-0%
Schneider	SBDSP	230/50Hz			84-0%	89-0%	100-0%	100-0%	95-0%	95-0%	95-0%	95-0%	95-0%	95-0%	95-0%	95-0%
Schneider	ATTD1000RL	230/50Hz			100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%
Shuttle	IM-T-LED-500	230/50Hz	2-500	T & LED-T	100-0%	100-5%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-23%
Siemens	5TC8 284	230/50Hz	20-525	T	100-20%	100-20%	100-15%	100-0%		98-0%		98-0%		98-0%		98-0%
Siemens	VG1-527-1AB	230/50Hz	20-500	KNX-U	100-19%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%
theben	MAX 544 plus	230/50Hz	250	T	100-0%	100-9%			100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%
theben	IMAX 534 plu:	230/50Hz	400	T	100-28%	100-37%			100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-4%
VADSBO	LD 220	230/50Hz	1-200	U					98-20%	100-20%	98-20%	100-20%	98-20%	100-20%	98-20%	100-16%
VARILIGHT	HQ3W	230/50Hz	400		100-19%	100-5%	100-0%	100-0%	85-0%	85-0%	85-0%	85-0%	85-0%	85-0%	85-0%	85-0%
VARILIGHT	JQP401W	230/50Hz	400	T	100-0%	100-0%			100-15%	100-16%	100-15%	100-16%	100-15%	100-16%	100-15%	100-16%
Vimar	20135	230/50Hz	3 - 100	U	100-19%	100-19%			100-5%	100-5%	100-5%	100-5%	100-5%	100-5%	100-5%	100-3%
ZANO	WH401	230/50Hz	400	L	100-0%				94-0%	97-0%	94-0%	97-0%	94-0%	97-0%	94-0%	97-0%
ZANO	WH251	230/50Hz	250		100-0%	100-0%			95-0%	96-0%	95-0%	96-0%	95-0%	96-0%		94-0%
ZANO	Z GRID 700	230/50Hz	250	LED												
ZANO	Z GRID 500	230/50Hz	500		91-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	94-0%

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

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