

## DIMMER COMPATIBILITY PIN

### 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					4052839330153AC01184				405283933017AC01187				4052839330218AB41905				4058075036889AC03043			
Not relevant					4052839330157AC01182				4052839330195AC01184				4052839330232AB41906				4058075036828AC03051			
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	98%-15%	1-10	98%-15%	1-10	98%-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	98%-15%	1-10	98%-15%	1-10	98%-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	98%-15%	1-10	98%-15%	1-10	98%-15%	1-10	98%-15%	1-10	98%-15%	1-10	98%-15%	1-10	98%-15%
Berker	2861	230/50Hz	50-420	U	1-20	98%-27%	1-20	98%-26%	1-20	97%-27%	1-20	97%-27%	1-20	98%-27%	1-20	98%-26%	1-20	98%-26%	1-20	98%-26%
Blicino	LNN1441N	230/50Hz			1-15	98%-1%	1-10	97%-5%	1-6	94%-7%	1-6	94%-7%	1-6	98%-1%	2-9	98%-1%	1-6	97%-9%	1-6	97%-9%
Blicino	LNN14408	230/50Hz			2-20	98%-1%	2-9	98%-1%	1-6	97%-9%	1-6	97%-9%	1-6	98%-1%	2-9	98%-1%	1-6	97%-9%	1-6	97%-9%
Blicino	NT4402N	230/50Hz	500	R	3-19	99%-19%	2-12	97%-19%	1-8	95%-22%	1-8	95%-22%	1-8	99%-19%	2-12	97%-19%	1-8	95%-22%	1-8	95%-22%
Busch-Jaeger	6513 U-102	230/50Hz	40-420	T	2-20	99%-15%	2-20	98%-17%	2-20	98%-21%	2-20	98%-21%	2-20	99%-15%	2-20	98%-17%	2-20	98%-21%	2-20	98%-21%
Busch-Jaeger	6523 U-102	230/50Hz	420	T	1-10	96%-22%	1-10	97%-26%	1-10	97%-26%	1-10	97%-26%	1-10	96%-22%	1-10	97%-26%	1-10	97%-26%	1-10	97%-26%
Busch-Jaeger	2250 U	230/50Hz	60-600	L	1-10	98%-1%	2-14	98%-16%	1-9	97%-15%	1-9	97%-15%	1-10	98%-1%	2-14	98%-16%	1-9	97%-15%	1-9	97%-15%
Busch-Jaeger	6526 U	230/50Hz			1-13	98%-34%	1-10	97%-35%	1-5	97%-15%	1-5	97%-15%	1-13	98%-34%	1-10	97%-35%	1-5	97%-15%	1-5	97%-15%
Busch-Jaeger	2247 U-500	230/50Hz			1-20	98%-15%	1-13	98%-20%	1-8	97%-23%	1-8	97%-23%	1-20	98%-15%	1-13	98%-20%	1-8	97%-23%	1-8	97%-23%
CENTURY CONTROL	MULTI DIMMER	230/50Hz	60-600	L	2-13	98%-1%	1-10	98%-5%	1-6	97%-9%	1-6	97%-9%	2-13	98%-1%	1-10	98%-5%	1-6	97%-9%	1-6	97%-9%
DINUY	RE EL1LE1	230/50Hz	400	LED	1-11	98%-1%	1-10	99%-1%	1-5	99%-7%	1-5	99%-7%	1-11	98%-1%	1-10	99%-1%	1-5	99%-7%	1-5	99%-7%
ELKO	400GLI	230/50Hz			1-10	98%-1%	1-10	98%-1%	1-4	97%-1%	1-4	97%-1%	1-10	98%-1%	1-10	98%-1%	1-4	97%-1%	1-4	97%-1%
ELKO	315GLE	230/50Hz	20-315	T	2-20	98%-6%	1-20	98%-7%	1-20	97%-10%	1-20	97%-10%	2-20	98%-6%	1-20	98%-7%	1-20	97%-10%	1-20	97%-10%
ELKO	600GLI	230/50Hz	40-600	U	1-20	98%-1%	1-13	97%-1%	1-8	96%-1%	1-8	96%-1%	1-20	98%-1%	1-13	97%-1%	1-8	96%-1%	1-8	96%-1%
ELKO	420GLEI	230/50Hz	40-420	U	1-14	98%-1%	1-13	97%-4%	1-10	97%-19%	1-10	97%-19%	1-14	98%-1%	1-13	97%-4%	1-10	97%-19%	1-10	97%-19%

Information about the LEDVANCE lamp type

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

## DIMMER COMPATIBILITY PIN

### 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 60 120*				
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% - 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%
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		1-10		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 PIN

Legend					PIN30 DIM P		PIN40 DIM P		PIN U4 20		PIN U4 30		PIN U4 40		PIN U4 40		PIN U4 60		
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		
Brand	Model	Dimmer Voltage range	Power	Type	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	
ABB	STD 50-3	230/50Hz	60-500	L	85-2%	88-2%	93-0%	93-0%	100-33%		100-22%	100-43%	93-0%	93-0%	100-0%	100-0%	84-1%	85-0%	
Altenburger	50_3	230/50Hz					99-0%	99-0%											
AURORA	DSP 400	230/50Hz	400	L		87-0%		94-0%	100-0%	100-0%	100-0%	100-0%		93-0%		94-0%		87-0%	
Berker	2861	230/50Hz	50...420	U	97-0%	100-0%	99-0%	99-0%			100-20%	100-28%	100-0%	100-0%	100-0%	100-0%			
Berker	296110	230/50-60Hz	20 ... 420	R/L/C/LED															
Berker	85421200	230/50-60Hz	25 ... 400	R/L/C/LED															
Berker	2973	230/50-60Hz	20 ... 210	R/L/C/LED															
Bticino	L/N/NT4411N HC/HD/HS4411	230/50Hz			97-0%	100-0%	87-0%	87-0%	98-0%	100-18%	100-2%	100-4%	93-0%	93-0%	85-0%	85-0%	70-0%	70-0%	
bticino	NT4402N	230/50Hz	500	R								100-41%							
BTICINO	ig International L4	230/50-60Hz	100-500	R/L/C															
BTICINO	LivingLight L4411N	230/50-60Hz	3-400	R/L/C															
BTICINO	LivingNOW K4411	230/50-60Hz	3-400																
BTICINO	RW4411	230/50-60Hz	3-400	R/L						100-5%		99-4%	100-0%	100-0%	100-0%	100-0%	93-0%	94-0%	
BTICINO	BITCINO-HD4411	230/50Hz	300-600	U					99-0%	100-0%	100-15%	100-5%	100-0%	100-0%	0-0%	100-0%	93-0%	94-0%	
Busch-Jaeger	6513 U-102	230/50Hz	420	T	97-0%	100-0%	99-0%	100-0%			100-45%	100-42%	100-31%	100-0%	93-0%	100-0%	100-0%	92-0%	96-0%
Busch-Jaeger	6523 U-102	230/50Hz	40-420	T	83-1%	83-0%	99-45%	99-46%	100-0%	100-15%	100-0%	100-12%	100-12%	93-0%	93-0%	94-0%	94-0%	72-0%	74-0%
Busch-Jaeger	2250 U	230/50Hz	60-600	L		77-0%		97-0%	100-0%			100-4%							92-0%
Busch-Jaeger	6526 U	230/50Hz							100-0%	100-22%	100-21%	100-8%	100-0%	100-0%	100-0%	100-0%	93-0%	92-0%	
Busch-Jaeger	64851 U	230/50Hz	3-240	LED															
NTURY CONTI	MULTI DIMMER	230/50Hz	60-600	U	94-0%	98-0%	98-0%	98-0%											
DimMax	420 SL	230/50Hz	200	L/T	97-0%	100-0%													
DINJY	RE EL1 LE1	230/50Hz	400	LED	86-0%	89-0%	94-0%	94-0%	100-30%	100-44%	100-24%	100-32%	93-0%	93-0%	100-0%	100-0%	85-0%	85-0%	
DINJY	RE PLA LE 1	230/50-60Hz	4-100	LED					99-0%	99-0%	99-0%	99-0%	96-0%	100-0%	100-0%	100-0%	100-0%	95-0%	95-0%
DINJY	RE PLA LE 0	230/50-60Hz	4-200	LED					99-0%	100-0%	99-0%	99-0%	100-0%	100-0%	100-0%	100-0%	94-0%	94-0%	
EcoDIM	M 0.3-450W Led D	230/50Hz	450	R/L/C					99-7%	100-0%	99-0%	99-0%	100-0%	100-0%	100-0%	100-0%	95-0%	95-0%	
EHMANN	T24.08	230/50Hz	3-150	R/L/C					98-8%	100-15%	100-9%	100-13%					87-0%	87-0%	
EHMANN	T29.08	230/50Hz	3-100	R/L/C					100-5%								85-0%	87-0%	
ELKO	400GLI	230/50Hz				100-0%			100-8%	100-5%	98-0%		93-0%	93-0%		94-0%	74-0%	77-0%	
ELKO	315GLE	230/50Hz	20-315	T	97-6%	100-0%		94-0%		100-6%		100-0%	93-0%	100-0%	100-0%	100-0%	95-0%	96-0%	
ELKO	600GLE/l	230/50Hz			80-0%	82-0%	99-0%	99-0%	100-0%	100-0%	100-0%	100-0%	93-0%	93-0%	94-0%	94-0%	75-0%	70-0%	
ELKO	600GLI	230/50Hz	40-600	U	97-0%	100-0%	92-0%	94-0%	100-17%	100-9%	100-12%	100-6%	93-0%	93-0%	94-0%	100-0%	78-0%	78-0%	
ELKO	420GLE/l	230/50Hz	40-420	U	73-0%	96-0%	99-0%	99-0%		100-11%	100-10%	100-6%	93-0%	93-0%	85-0%	100-0%			
ELKO	1000LRI	230/50Hz			86-0%	89-0%	94-0%	94-0%	100-0%	100-0%	100-0%	100-0%	93-0%	93-0%	100-0%		92-0%	85-0%	
ELKO	630GLE	230/50Hz	20-630	U	97-0%	100-0%		94-0%	100-27%		100-21%	100-29%	93-0%	100-0%	100-0%	100-0%	94-0%	94-0%	
Ettako	EUD61NPN-UC	230/50Hz	5-400	R/L/C	87-0%	89-0%	98-0%	96-0%	100-42%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%			
ELTAKO	EUD12NPN-UC	230/50-60Hz	1-400	R/L/C															
ELTAKO	FLC61NP-230V	230/50Hz	100-400	R/L/C/ES/LED															
ELTAKO	EUD61NPN-UC	230/50-60Hz	0-400	U					99-8%	99-11%	99-6%	99-10%	100-0%	100-0%	100-0%	100-0%	96-0%	95-0%	
Feller	40200.LEDxxx	230/50Hz			97-0%	100-0%		94-0%	100-8%	100-22%	100-0%	100-19%	100-0%	100-0%	100-0%	100-0%	95-0%	95-0%	
Feller	40600.RLC	230/50Hz	20-600	U	80-0%	82-0%	99-0%	99-0%	100-0%	100-0%	100-0%	100-0%	93-0%	93-0%	94-0%	94-0%	75-0%	70-0%	
Feller	40600.RC	230/50Hz			97-0%	100-0%		94-0%	100-27%		100-21%	100-29%	93-0%	100-0%	100-0%	100-0%	94-0%	94-0%	
Feller	40600.RL	230/50Hz			97-0%	100-0%	92-0%	94-0%	100-17%	100-9%	100-12%	100-6%	93-0%	93-0%	94-0%	100-0%	78-0%	78-0%	
Feller	40420.RLC	230/50Hz			73-0%	96-0%	99-0%	99-0%		100-11%	100-10%	100-8%	93-0%	93-0%	85-0%	100-0%			
Feller	31000	230/50Hz			86-0%	89-0%	94-0%	94-0%	100-0%	100-0%	100-0%	100-0%	93-0%	93-0%	100-0%		92-0%	85-0%	
FINDER	model 1591	230/50-60Hz	50-100																
FINDER	15.21.8.230.0200	230/50-60Hz	3-200	LED									100-0%	100-0%	100-0%	100-0%	86-0%	86-0%	
FINDER	15.21.8.230.8300	230/50-60Hz	150-300	ESL/LED					99-25%	99-31%	100-23%	99-26%	100-0%	100-0%	100-0%	100-0%	95-0%	95-0%	
FINDER	15.81.8.230.0500	230/50Hz	100-500	LED					99-0%	99-7%	100-3%	99-6%	100-0%	100-0%	100-0%	100-0%	94-0%	95-0%	
FINDER	30.11.0.240.0000	230/50Hz	200	R/L/C															
Gira	226200	230/50Hz				100-0%			100-0%		100-0%		93-0%	93-0%	85-0%	85-0%	77-0%	80-0%	

# DIMMER COMPATIBILITY PIN

Legend					PIN30 DIM P		PIN40 DIM P		PIN 04 20		PIN 016,30 40		PIN 09 40		PIN 09 40		PIN 09 50		
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																			
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	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	
Gira	030700	230/50Hz	20-525	T	97-0%	100-0%		94-0%	100-27%	100-38%	100-12%	100-31%	93-0%	93-0%	100-0%	100-0%	96-0%	96-0%	
Gira	117600	230/50Hz	50-420	U															
Gira	238500	230/50Hz			73-0%	73-0%	99-0%	99-0%											
Gira	217400	230/50Hz	4X20-250	KNX-U	86-21%	88-0%	94-13%	94-11%											
Gira	245000	230/50-60Hz	3-210	R/LC/LED															
Gira	245500	230/50-60Hz	20-420	R/LC/LED															
Gira	540000	230/50-60Hz	20-210	R/LC/LED															
Gira	540100	230/50-60Hz	3-420	U															
Hager	WUD87	230/50Hz	400	LED-U	76-0%	84-0%		99-0%	100-22%	100-43%	100-28%	100-31%	93-0%	93-0%	100-0%	100-0%	94-0%	95-0%	
Hamilton	KP1X40	230/50Hz	400																
Hugo Müller	aladin 872110 lex	230/50Hz			86-0%	89-0%	94-0%	94-0%	100-30%	100-44%	100-24%	100-32%	93-0%	93-0%	100-0%	100-0%	85-0%	85-0%	
Ion	s LED Dimmer 0.3	230/50Hz	300	R/LC					99-0%	100-0%		99-0%	100-0%	100-0%	100-0%	100-0%	94-0%	96-0%	
Ion	IEWUW:LED Dimm	230/50Hz	600	R/LC					99-6%	100-7%	99-7%	99-1%	100-0%	100-0%	100-0%	100-0%	95-0%	96-0%	
Ion	ID350W-MKII	230/50Hz	350	R/LC					99-0%	100-0%		99-0%	100-0%	100-0%	100-0%	100-0%	93-0%	94-0%	
Ion	ies LED Dimmer 2i	230/50Hz	200	R/LC					99-0%	100-0%	99-0%	99-0%	100-0%	100-0%	100-0%	100-0%	94-0%	95-0%	
Ion	ID200W-MKII	230/50Hz	200	R/LC					99-0%	100-0%	99-0%	99-0%	100-0%	100-0%	100-0%	100-0%	92-0%	93-0%	
Jung	225 NVDE	230/50Hz	20-500	L		100-0%	92-0%	94-0%	100-0%		100-0%		93-0%	93-0%	85-0%	85-0%	77-0%	80-0%	
Jung	225 TDE	230/50Hz			97-0%	100-0%		94-0%	100-27%	100-38%	100-12%	100-31%	93-0%	93-0%	100-0%	100-0%	96-0%	96-0%	
Jung	254 UDIE1	230/50Hz																	
Jung	1224 LEDUDE	230/50Hz		LED	73-0%	73-0%	99-0%	99-0%											
Jung	3904 REGHE	230/50Hz			86-21%	88-0%	94-13%	94-11%											
JUNG	1711DE	230/50-60Hz	20-420	U															
JUNG	1731DD	230/50-60Hz	20-420	U															
JUNG	UD 1755 REG	230/50-60Hz	20-420	U					99-0%	99-6%	99-4%	99-5%	98-0%	97-0%	100-0%	100-0%	86-0%	87-0%	
JUNG	1724 DM	230/50-60Hz	20-210	U					99-6%	99-11%	99-6%	99-9%	97-0%	98-0%	100-0%	100-0%	88-0%	87-0%	
JUNG	1731 DD	230/50-60Hz	3-420	U					99-10%	99-9%	100-8%	100-11%	97-0%	100-0%	100-0%	100-0%	92-0%	94-0%	
Legrand	665114	230/50Hz	400	U	97-0%	100-0%	87-0%	87-0%	98-0%	100-18%	100-2%	100-4%	93-0%	93-0%	85-0%	85-0%	70-0%	70-0%	
Legrand	574319/574339	230/50Hz	400	U	97-0%	100-0%	87-0%	87-0%	98-0%	100-18%	100-2%	100-4%	93-0%	93-0%	85-0%	85-0%	70-0%	70-0%	
Legrand	572239/572739	230/50Hz	400	U	97-0%	100-0%	87-0%	87-0%	98-0%	100-18%	100-2%	100-4%	93-0%	93-0%	85-0%	85-0%	70-0%	70-0%	
Legrand	078407/079207	230/50Hz	400	U	97-0%	100-0%	87-0%	87-0%	98-0%	100-18%	100-2%	100-4%	93-0%	93-0%	85-0%	85-0%	70-0%	70-0%	
Legrand	048869/048871	230/50Hz	400	U	97-0%	100-0%	87-0%	87-0%	98-0%	100-18%	100-2%	100-4%	93-0%	93-0%	85-0%	85-0%	70-0%	70-0%	
Legrand	067083/048869	230/50Hz	400	U	97-0%	100-0%	87-0%	87-0%	98-0%	100-18%	100-2%	100-4%	93-0%	93-0%	85-0%	85-0%	70-0%	70-0%	
Legrand	099314	230/50Hz	300	RL			97-0%	97-0%											
Legrand	770062	230/50Hz	400	RLC	92-0%	95-0%	97-0%	97-0%	99-0%	100-6%			93-0%	93-0%	100-0%	100-0%	90-0%	90-0%	
LEGRAND	78407	230/50-60Hz	3-500	U															
LEGRAND	79207	230/60Hz	150-700	U															
LEGRAND	HD4411	230/50-60Hz	300-600	U															
MASTER	DM-DGL	230/50Hz	1000	U / LED	84-31%	96-35%	94-33%	94-39%											
MASTER	DM-2500	230/50Hz	2500	U / LED	86-0%	89-0%	94-0%	94-0%											
Merten	MEG5136-0000	230/50Hz			97-6%	100-0%		94-0%			100-6%		100-0%	93-0%	100-0%	100-0%	100-0%	95-0%	96-0%
Merten	MEG5134-0000	230/50Hz			97-0%	100-0%		94-0%	100-8%	100-22%	100-0%	100-19%	100-0%	100-0%	100-0%	100-0%	95-0%	95-0%	
Merten	MEG5139-0000	230/50Hz			80-0%	82-0%	99-0%	99-0%	100-0%	100-0%	100-0%	100-0%	93-0%	93-0%	94-0%	94-0%	75-0%	70-0%	
Merten	MEG5137-0000	230/50Hz			97-0%	100-0%		94-0%	100-27%		100-21%	100-29%	93-0%	100-0%	100-0%	100-0%	94-0%	94-0%	
Merten	MEG5133-0000	230/50Hz			97-0%	100-0%	92-0%	94-0%	100-17%	100-9%	100-12%	100-6%	93-0%	93-0%	94-0%	100-0%	78-0%	78-0%	
Merten	MEG5138-0000	230/50Hz			73-0%	96-0%	99-0%	99-0%		100-11%	100-10%	100-8%	93-0%	93-0%	85-0%	100-0%			
Merten	MEG 5170-0300	230/50Hz	10-200	U			99-0%	99-0%	100-0%	100-0%	86-10%	100-24%	100-0%	100-0%	100-0%	100-0%	94-0%	95-0%	
Merten	MEG 5131	230/50Hz	40-400	L	79-0%	81-0%	94-0%	93-0%	100-0%	100-0%	100-0%	100-0%	93-0%	93-0%	94-0%	94-0%	76-0%	73-0%	
Merten	MEG 5132	230/50Hz			79-0%	81-0%	94-0%	93-0%	100-0%	100-0%	100-0%	100-0%	93-0%	93-0%	94-0%	94-0%	76-0%	73-0%	
Merten	MEG 5140	230/50Hz	9-100	L	79-0%	87-0%	94-0%	95-0%	100-0%	99-0%	87-0%		93-0%	93-0%	94-0%	100-0%	75-0%	78-0%	
Merten	MEG 5135	230/50Hz	60-1000	L	86-0%	89-0%	94-0%	94-0%	100-0%	100-0%	100-0%	100-0%	93-0%	93-0%	100-0%		92-0%	85-0%	

# DIMMER COMPATIBILITY PIN

Legend						PIN30 DIM P		PIN40 DIM P		PIN 40 20		PIN 40 30		PIN 40 30		PIN 40 40		PIN 40 50	
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	
Undesired dimmability						4099854048586 / AC45792		4099854064844 / AC32118		4099854248542 / AC58939 409985454317 / AC58931		4099854248573 / AC58969		4099854248788 / AC58917		4099854248688 / AC58921		4099854248849 / AC58973	
Not tested																			
Brand	Model	Dimmer Voltage range	Power	Type		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
MK	K4501	230/50Hz	180	L		98-21%	100-0%	98-0%	97-0%										
NEXUS	881P-01	230/50Hz	400	L			92-0%												
NIKO	310-01900 01901	230/50Hz	5-200	U		86-0%	92-0%	94-0%	94-0%	100-0%	100-6%	100-4%	100-6%	93-0%	93-0%	100-0%	100-0%	96-0%	95-0%
NIKO	330-00700 00701	230/50Hz	5-200	U		87-0%	89-0%	100-0%	99-0%	100-0%	100-0%	100-0%	100-0%	93-0%	93-0%	100-0%	100-0%	86-0%	87-0%
Odace	S520512	230/50Hz				97-0%	100-0%		94-0%	100-8%	100-22%	100-0%	100-19%	100-0%	100-0%	100-0%	100-0%	95-0%	95-0%
Odace	S520511	230/50Hz				97-0%	100-0%	92-0%	94-0%	100-17%	100-9%	100-12%	100-6%	93-0%	93-0%	94-0%	100-0%	78-0%	78-0%
Odace	S520515	230/50Hz				73-0%	96-0%	99-0%	99-0%		100-11%	100-10%	100-8%	93-0%	93-0%	85-0%	100-0%		
Odace	S520518	230/50Hz				79-0%	87-0%	94-0%	95-0%	100-0%	99-0%	87-0%		93-0%	93-0%	94-0%	100-0%	75-0%	78-0%
Osram	HT/DALI 315 DIM	230/50Hz	20-315	DALI-T		97-0%	100-0%	94-0%	94-0%	100-15%	100-18%	100-11%	100-15%	100-0%	100-0%	100-0%	100-0%	94-0%	95-0%
PEHA	435 HAN	230/50Hz	60-600	L		79-0%	84-0%	91-0%	94-0%										
Plejd	DIM-01	230/50Hz	0-300	R/L/C						99-0%	99-0%	99-0%	99-0%					100-0%	100-0%
Plejd	DIM-02	230/50Hz	0-100	R/L/C						99-0%	99-0%	99-0%	99-0%					95-0%	95-0%
Plejd	RTR-01-SW																		
RVE	RV LED 250	230/50-60Hz	250	LED										100-0%	100-0%	100-0%	100-0%		
RVE	RV LED 500	230/50-60Hz	500	LED															
Schneider	400GLI	230/50Hz	40-400	T			100-0%			100-8%	100-5%	98-0%		93-0%	93-0%		94-0%	74-0%	77-0%
Schneider	SBD315RC	230/50Hz				97-6%	100-0%		94-0%		100-6%		100-0%	93-0%	100-0%	100-0%	100-0%	95-0%	96-0%
Schneider	SBD200LED	230/50Hz	400			97-0%	100-0%		94-0%	100-8%	100-22%	100-0%	100-19%	100-0%	100-0%	100-0%	100-0%	95-0%	95-0%
Schneider	SBD600RCL	230/50Hz				80-0%	82-0%	99-0%	99-0%	100-0%	100-0%	100-0%	100-0%	93-0%	93-0%	94-0%	94-0%	75-0%	70-0%
Schneider	SBD630RC	230/50Hz				97-0%	100-0%		94-0%	100-27%		100-21%	100-29%	93-0%	100-0%	100-0%	100-0%	94-0%	94-0%
Schneider	SBD600RL	230/50Hz				97-0%	100-0%	92-0%	94-0%	100-17%	100-9%	100-12%	100-6%	93-0%	93-0%	94-0%	100-0%	78-0%	78-0%
Schneider	SBD420RCL	230/50Hz				73-0%	96-0%	99-0%	99-0%		100-11%	100-10%	100-8%	93-0%	93-0%	85-0%	100-0%		
Schneider	5170	230/50Hz						99-0%	99-0%	100-0%	100-0%	86-10%	100-24%	100-0%	100-0%	100-0%	100-0%	94-0%	95-0%
Schneider	SBD400RL	230/50Hz				79-0%	81-0%	94-0%	93-0%	100-0%	100-0%	100-0%	100-0%	93-0%	93-0%	94-0%	94-0%	76-0%	73-0%
Schneider	SBDSP1	230/50Hz				79-0%	87-0%	94-0%	95-0%	100-0%	99-0%	87-0%		93-0%	93-0%	94-0%	100-0%	75-0%	78-0%
Schneider	ATTD1000RL	230/50Hz				86-0%	89-0%	94-0%	94-0%	100-0%	100-0%	100-0%	100-0%	93-0%	93-0%	100-0%		92-0%	85-0%
SCHNEIDER	SQR22601LA	120/60Hz	150-600	U															
SCHNEIDER	SQR22603LA	120/60Hz	150-600	U															
Schneider Elect	M100LED Exact F	230/50Hz	3-300	U															
Schneider Elect	LED 5-200W RCL	230/50Hz	5-200	U															
Scotmore	MD9014	230/50Hz	5-150	U						99-15%	100-27%	99-16%	99-27%	100-6%	100-6%	100-0%	100-0%	93-0%	94-0%
Shuttle	SDIM-T-LED-500M	230/50Hz	2-500	T & LED-T		86-0%	88-0%	94-0%	94-0%										
Siemens	5TC8 284	230/50Hz	20-825	T		97-0%	100-0%				100-30%	100-18%		81-11%		94-0%	96-0%	96-0%	
Siemens	5WG1-528-1AB31	230/50Hz	20-500	KNX-U		86-0%	88-0%	94-0%	94-0%										
theben	DIMAX 544 plus P	230/50Hz	250	T		87-0%	100-0%	94-0%	94-0%	100-25%	100-30%	100-43%	100-21%					86-0%	86-0%
theben	DIMAX 534 plus	230/50Hz	400	T		87-0%	100-0%	99-0%	99-0%			100-44%						87-2%	87-1%
VADSBO	LD 220	230/50Hz	1-200	U		86-14%	88-18%	94-0%	94-0%										
VARILIGHT	HQ3W	230/50Hz	400			66-0%	78-0%			100-29%	100-0%	100-16%	100-0%				94-0%		97-0%
VARILIGHT	JQP401W	230/50Hz	400	T		98-12%	99-0%		95-0%	100-0%	100-0%	100-0%	100-0%						
Varilight	MJP120	230/50Hz	5-300	R/L/C						99-0%	100-11%	99-6%	99-9%	100-0%	100-0%	100-0%	100-0%	92-0%	93-0%
Vimar	20135	230/50Hz	3-100	U		86-1%	89-0%	99-0%	99-0%										
YOKIS	MTV 500E/M	230/50Hz	500	R/L/C						98-0%	99-0%	99-0%	99-2%	100-0%	100-0%		100-0%	89-0%	90-0%
ZANO	WH401	230/50Hz	400	L		84-0%	90-0%	93-0%	92-0%	100-0%		100-0%		93-0%	93-0%	94-0%	94-0%	83-0%	83-0%
ZANO	WH251	230/50Hz	250							90-0%		91-0%	100-0%	100-0%	100-0%	100-0%	93-0%	94-0%	84-0%
ZANO	Z GRID 700	230/50Hz	250	LED															
ZANO	Z GRID 500	230/50Hz	500			86-0%	92-0%	94-0%	95-0%	100-0%	100-0%	100-0%		93-0%	100-0%	94-0%	100-0%	81-0%	83-0%



**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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