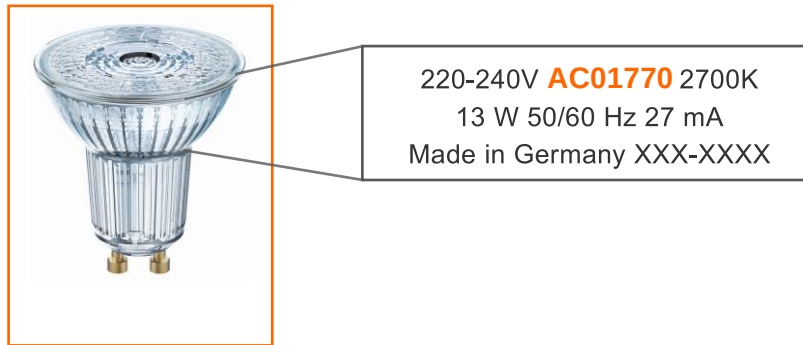


DIMMER COMPATIBILITY PIN

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				
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				
Brand	Model	Voltage range	Power	Type
ABB	STD 50-3	230V50Hz	60-500	L
Altenburger Electronic	50.30	230V50Hz	15-350	T
ALPORA	DSP 400	230V50Hz	400	L
Berker	2861	230V50Hz	50-420	U
Bticino	LNN1441N	230V50Hz		
Bticino	LNN1440S	230V50Hz		
Bticino	NT4402N	230V50Hz	500	R
Busch-Jaeger	6513 U-102	230V50Hz	40-420	T
Busch-Jaeger	6523 U-102	230V50Hz	420	T
Busch-Jaeger	2250 U	230V50Hz	60-600	L
Busch-Jaeger	6526 U	230V50Hz		
Busch-Jaeger	2247 U-500	230V50Hz		
CENTURY CONTROL	MULTI DIMMER	230V50Hz	60-600	L
DINUY	RE EL1LE1	230V50Hz	400	LED
ELKO	400GLE	230V50Hz		
ELKO	315GLE	230V50Hz	20-315	T
ELKO	600GLE	230V50Hz	40-600	U
ELKO	420GLEI	230V50Hz	40-420	U

SUPERSTAR PAR16 35 36°		SUPERSTAR PAR16 50 36°		SUPERSTAR PAR16 80 36°		SUPERSTAR PAR16 80 120°	
							
EAN/Basic Code		EAN/Basic Code		EAN/Basic Code		EAN/Basic Code	
405283330153/AC01184		405283330178/AC01187		405283330218/AB41905		405807503688/AC03043	
405283330157/AC01192		405283330195/AC01194		405283330232/AB41906		405807503682/AC03051	
Number of Lamps	Dimming range	Number of Lamps	Dimming range	Number of Lamps	Dimming range	Number of Lamps	Dimming range
1-20	98% - 15%	1-13	98% - 20%	1-8	97% - 23%	1-8	97% - 23%
2-20	98% - 15%	2-20	97% - 12%	2-20	98% - 16%	2-20	98% - 16%
1-10	98% - 15%	2-10	97% - 1%	1-4	96% - 1%	1-4	96% - 1%
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%	1-6	94% - 7%
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%	1-8	95% - 22%
2-20	99% - 15%	2-20	98% - 17%	2-20	98% - 21%	2-20	98% - 21%
1-10	96% - 22%	1-10	97% - 26%				
1-10	98% - 16%	2-14	98% - 16%	1-9	97% - 15%	1-9	97% - 15%
1-13	98% - 34%	1-10	97% - 35%	1-5	97% - 15%	1-5	97% - 15%
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%	1-6	97% - 9%
1-11	98% - 1%	1-10	99% - 1%	1-5	99% - 7%	1-5	99% - 7%
1-10	98% - 1%	1-10	97% - 1%	1-4	97% - 1%	1-4	97% - 1%
2-20	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%	1-8	96% - 1%
1-14	98% - 1%	1-13	97% - 4%	1-10	97% - 19%	1-10	97% - 19%

Information about the LEDVANCE lamp type

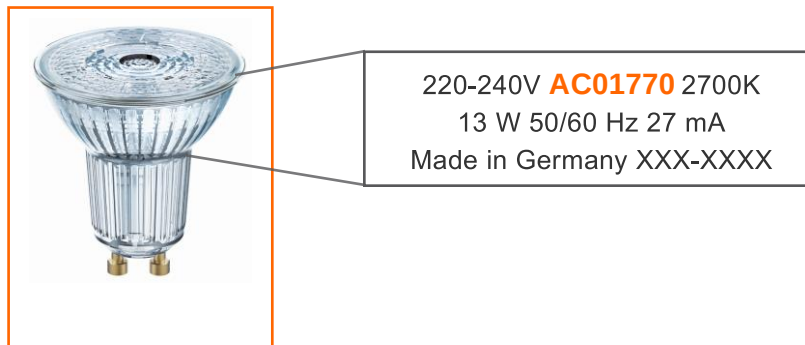
Assessment of the results into categories. Includes the number of lamps and the related dimming range

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.



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				
	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					SUPERSTAR PAR16 35 36*		SUPERSTAR PAR16 50 36*		SUPERSTAR PAR16 80 36*		SUPERSTAR PAR16 80 120*	
Brand	Model	Voltage range	Power	Type								
					EAN/Basic Code	EAN/Basic Code	EAN/Basic Code	EAN/Basic Code				
					405289330132/AC0184	405289330178/AC0187	405289330210/AB4195	405289330212/AB4196	405289330210/AB4195			
					405289330187/AC0192	405289330195/AC0193	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196			
					405289330212/AB4195	405289330212/AB4196	405289330212/AB4196	405289330212/AB4196				

DIMMER COMPATIBILITY PIN

Legend						PIN30 DIM P		PIN40 DIM P		PIN40 20		PIN40 35		PIN40 40		PIN40 40		PIN40 40	
Good dimmability with indicated number of lamps (dimming range 1-4 lamps)																			
Limited dimmability with indicated number of lamps (dimming range 1-4 lamps)						EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code		EAN / Basic Code	
Unwanted dimmability						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
Not tested						4099854048586 / AC45792	4099854064834 / AC32118	4099854248542 / AC58929	4099854248542 / AC58929	4099854248573 / AC38969	4099854248788 / AC38917	4099854248838 / AC38921	4099854248849 / AC58973						
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	LNN/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 K4411T	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%	100-6%	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%	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%					100-0%		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 CONTIF	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 LE1	230/50-60Hz	4-100	LED						99-0%	99-0%	99-0%	99-0%	96-0%	100-0%	100-0%	100-0%	95-0%	95-0%
DINJY	RE PLA LE0	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/I	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%		100-12%	100-6%	93-0%	93-0%	94-0%	100-0%	78-0%	78-0%
ELKO	420GLE/I	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%
Eltako	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%		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	ES/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 010..30 40		PIN 09 50		PIN 09 40		PIN 09 50																															
Good dimmability with indicated number of lamps (dimming range greater than 75%)																																																
Dimmed dimmability with indicated number of lamps (dimmability 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					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																													
Not tested					Brand		Model		Voltage range		Power		Type		Brand		Model		Voltage range		Power		Type																									
					Gira		030700		230/50Hz		20-525		T		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/L/C/LED		Gira		245500		230/50-60Hz		20-420		R/L/C/LED																									
					Gira		540000		230/50-60Hz		20-210		R/L/C/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				86-0%		89-0%				94-0%		100-30%		100-44%		100-24%		100-32%		93-0%		93-0%		100-0%		100-0%		85-0%		85-0%							
					Hugo Müller		aladin 872110 lex		230/50Hz						99-0%		99-0%				100-0%		99-0%		100-0%				99-0%		100-0%		100-0%		100-0%		100-0%		94-0%		96-0%							
					Ion		s LED Dimmer 0.3		230/50Hz		300		R/L/C		99-6%		100-7%		99-7%		99-1%		100-0%		100-0%		100-0%		100-0%		100-0%		100-0%		100-0%		95-0%		96-0%									
					Ion		IEWUW-LED Dimm		230/50Hz		600		R/L/C		99-6%		100-0%		100-0%		99-0%		100-0%		100-0%		100-0%		100-0%		100-0%		100-0%		100-0%		93-0%		94-0%									
					Ion		ID350W-MKII		230/50Hz		350		R/L/C		99-0%		100-0%		100-0%		99-0%		100-0%		100-0%		100-0%		100-0%		100-0%		100-0%		100-0%		93-0%		94-0%									
					Ion		les LED Dimmer 2i		230/50Hz		200		R/L/C		99-0%		100-0%		99-0%		99-0%		100-0%		100-0%		100-0%		100-0%		100-0%		100-0%		100-0%		94-0%		95-0%									
					Ion		ID200W-MKII		230/50Hz		200		R/L/C		99-0%		100-0%		99-0%		99-0%		100-0%		100-0%		100-0%		100-0%		100-0%		100-0%		100-0%		92-0%		93-0%									
					Jung		225 NVDE		230/50Hz		20-500		L		100-0%		100-0%		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						97-0%		100-0%				94-0%																											
					Jung		1224 LEDUDE		230/50Hz				LED		73-0%		73-0%				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%		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%		95-0%		95-0%			
					Merten		MEG5139-0000		230/50Hz								80-0%		82-0%		99-0%		99-0%						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				97-0%				99-0%		99-0%						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%		92-0%		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%		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%		93-0%		93-0%		100-0%		92-0%		85-0%					

DIMMER COMPATIBILITY PIN

Legend						PIN30 DIM P		PIN40 DIM P		PIN 40 20		PIN 40.35 40		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 equal to less 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
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	SS20512	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	SS20511	230/50Hz				97-0%	100-0%	92-0%	94-0%	100-17%	100-12%	100-0%	100-6%	93-0%	93-0%	94-0%	100-0%	78-0%	78-0%
Odace	SS20515	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	SS20518	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/LC						99-0%	99-0%	99-0%						100-0%	100-0%
Plejd	DIM-02	230/50Hz	0-100	R/LC						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															
Scolmore	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-500W	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%
VADSO	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%						
Varlight	MJP120	230/50Hz	5-300	R/LC						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/LC						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.

LEDVANCE GmbH

Head Office:

Parkring 1-5
85748 Garching, Germany
Phone +49 89 780673-100
Fax +49 89 780673-XXX
www.ledvance.com