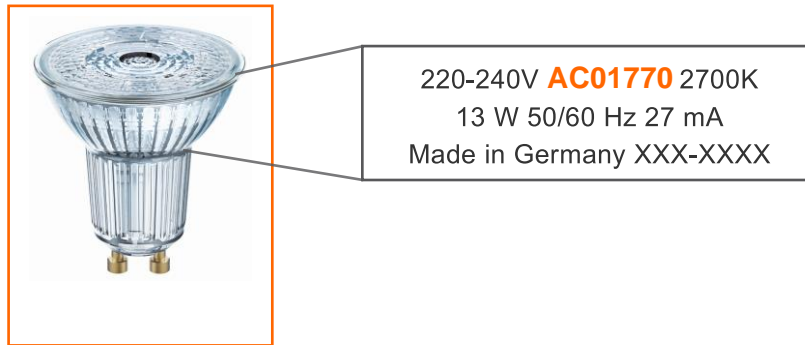


## DIMMER COMPATIBILITY PAR16

### BASIC INFORMATION:

#### 1. WHAT IS THE PRODUCT CODE AND WHERE DO I FIND IT?

The product code describes the lamp type. It contains 7 letters and digits and is starting with "A". Below an example for the product code of the stamp of the lamp:



#### 2. HOW CAN I READ THE FOLLOWING CHARTS?

Legend:  
Information about the dimmability of the lamps. Green means very good dimmability, yellow means limited dimmability, red means undesired dimmability etc.

List of dimmers tested in laboratory conditions

Legend					SUPERSTAR PAR16 35 36°				SUPERSTAR PAR16 50 36°				SUPERSTAR PAR16 80 36°				SUPERSTAR PAR16 80 120°			
Very good dimmability with indicated number of lamps (dimming range greater than 75%)																				
Limited dimmability with indicated number of lamps (dimming range smaller than 75%)																				
Undesired dimmability																				
Not relevant																				
Not tested																				
EAN/Basic Code					4052839330153/AC01184				405283933017/AC01187				4052839330218/AB41905				405807503658/AC03043			
EAN/Basic Code					4052839330157/AC01182				4052839330195/AC01184				4052839330232/AB41906				405807503658/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%	1-20	98% - 15%	2-20	97% - 12%	2-20	98% - 16%	2-20	98% - 16%
Altenburger Electronic	50 30	230V50Hz	15-350	T	1-10	98% - 15%	2-10	97% - 12%	1-4	96% - 1%	1-4	96% - 1%	1-10	98% - 15%	2-10	97% - 12%	1-4	96% - 1%	1-4	96% - 1%
ALPORA	DSP 400	230V50Hz	400	L	1-20	98% - 27%	1-20	98% - 26%	1-20	97% - 27%	1-20	97% - 27%	1-20	98% - 1%	2-9	98% - 1%	1-6	97% - 9%	1-6	97% - 9%
Berker	2861	230V50Hz	50-420	U	1-15	98% - 1%	1-10	97% - 5%	1-6	94% - 7%	1-6	94% - 7%	1-15	98% - 1%	2-9	98% - 1%	1-6	97% - 9%	1-6	97% - 9%
Blicino	L/NNT441N	230V50Hz			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%
Blicino	L/NNT4408	230V50Hz			1-10	96% - 22%	1-10	97% - 26%	1-10	97% - 26%	1-10	97% - 26%	1-10	96% - 22%	2-14	98% - 16%	1-9	97% - 15%	1-9	97% - 15%
Blicino	NT4402N	230V50Hz	500	R	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%
Busch-Jaeger	6513 U-102	230V50Hz	40-420	T	2-13	98% - 1%	1-10	98% - 5%	1-6	97% - 9%	1-6	97% - 9%	1-20	98% - 1%	1-10	98% - 5%	1-6	97% - 9%	1-6	97% - 9%
Busch-Jaeger	6523 U-102	230V50Hz	420	T	1-11	98% - 1%	1-10	98% - 1%	1-5	99% - 7%	1-5	99% - 7%	1-11	98% - 1%	1-10	98% - 1%	1-5	99% - 7%	1-5	99% - 7%
Busch-Jaeger	2250 U	230V50Hz	60-600	L	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%
Busch-Jaeger	6526 U	230V50Hz			2-20	98% - 6%	1-20	98% - 7%	1-20	97% - 10%	1-20	97% - 10%	1-10	98% - 1%	1-13	97% - 1%	1-8	96% - 1%	1-8	96% - 1%
Busch-Jaeger	2247 U-500	230V50Hz			1-20	98% - 1%	1-13	97% - 4%	1-10	97% - 19%	1-10	97% - 19%	1-20	98% - 1%	1-13	97% - 4%	1-10	97% - 19%	1-10	97% - 19%
Busch-Jaeger	6526 U	230V50Hz			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%
Busch-Jaeger	6526 U	230V50Hz																		
CENTURY CONTROL	MULTI DIMMER	230V50Hz	60-600	L																
DINUY	RE EL1LE1	230V50Hz	400	LED																
ELKO	400GLI	230V50Hz																		
ELKO	315GLE	230V50Hz	20-315	T																
ELKO	600GLI	230V50Hz	40-600	U																
ELKO	420GLEI	230V50Hz	40-420	U																

Information about the LEDVANCE lamp type

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

## DIMMER COMPATIBILITY PAR16

### BASISINFORMATIONEN:

#### 1. WAS IST DER PRODUKTCODE UND WO FINDE ICH IHN?

Der Produktcode beschreibt den Lampentyp. Er besteht aus sieben Buchstaben und Ziffern und beginnt mit einem "A". Nachfolgend ein Beispiel eines Produktcodes auf dem Aufdruck der Lampe.



220-240V **AC01770** 2700K  
 13 W 50/60 Hz 27 mA  
 Made in Germany XXX-XXXX

#### 2. WIE LESE ICH DIE FOLGENDEN TABELLEN?

Legende: Angaben zur Dimmbarkeit der Lampen. Grün bedeutet eine sehr gute Dimmbarkeit mit der angegebenen Lampenanzahl, gelb bedeutet eine eingeschränkte Dimmbarkeit, rot bedeutet, dass unerwünschtes dimmverhalten auftreten kann etc.









Liste der getesteten Dimmer

Legend					SUPERSTAR PAR16 35 36*				SUPERSTAR PAR16 50 36*				SUPERSTAR PAR16 60 36*				SUPERSTAR PAR16 60 120*			
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					405283330133/AC01184				405283330171/AC01187				405283330210/AB41305				405807503668/AC03049			
Not relevant					405283330157/AC01192				405283330199/AC01194				405283330232/AB41306				405807503632/AC03051			
Not tested																				
Dimmer					Number of Lamps	Dimming range	Number of Lamps	Dimming range	Number of Lamps	Dimming range	Number of Lamps	Dimming range	Number of Lamps	Dimming range	Number of Lamps	Dimming range	Number of Lamps	Dimming range		
ABB	STD 50-3	230V50Hz	60-500	L	1-20	98%-15%	1-13	98%-20%	1-8	97%-23%	1-8	97%-23%	1-8	97%-23%	1-8	97%-23%	1-8	97%-23%		
Altenburger Electronic	50 30	230V50Hz	15-350	T	2-20	98%-15%	2-20	97%-12%	2-20	98%-16%	2-20	98%-16%	2-20	98%-16%	2-20	98%-16%	2-20	98%-16%		
AURORA	DSP 400	230V50Hz	400	L	1-10	98%-15%	2-10	97%-14%	1-4	96%-1%	1-4	96%-1%	1-4	96%-1%	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%	1-20	97%-27%	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%	1-6	94%-7%	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%	1-6	97%-3%	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%	1-8	95%-22%	1-8	95%-22%	1-8	95%-22%		
Busch-Jaeger	6513 U-102	230V50Hz	40-420	T	2-20	98%-15%	2-20	98%-17%	2-20	98%-21%	2-20	98%-21%	2-20	98%-21%	2-20	98%-21%	2-20	98%-21%		
Busch-Jaeger	6523 U-102	230V50Hz	420	T	1-10	96%-22%	1-10	97%-26%	1-10	97%-26%	1-10	97%-26%	1-10	97%-26%	1-10	97%-26%	1-10	97%-26%		
Busch-Jaeger	2250 U	230V50Hz	60-600	L	1-10	98%-1%	2-14	98%-16%	1-9	97%-15%	1-9	97%-15%	1-9	97%-15%	1-9	97%-15%	1-9	97%-15%		
Busch-Jaeger	6526 U	230V50Hz			1-13	98%-34%	1-10	97%-35%	1-5	97%-1%	1-5	97%-1%	1-5	97%-1%	1-5	97%-1%	1-5	97%-1%		
Busch-Jaeger	2247 U-500	230V50Hz			1-20	98%-15%	1-13	98%-20%	1-8	97%-23%	1-8	97%-23%	1-8	97%-23%	1-8	97%-23%	1-8	97%-23%		
CENTURY CONTROL	MULTI DIMMER	230V50Hz	60-600	L	2-13	98%-1%	1-10	98%-5%	1-6	97%-9%	1-6	97%-9%	1-6	97%-9%	1-6	97%-9%	1-6	97%-9%		
DINJY	RE EL1LE1	230V50Hz	400	LED	1-11	98%-1%	1-10	98%-1%	1-5	99%-7%	1-5	99%-7%	1-5	99%-7%	1-5	99%-7%	1-5	99%-7%		
ELKO	400GLI	230V50Hz			1-10	98%-1%	1-10	97%-1%	1-4	97%-1%	1-4	97%-1%	1-4	97%-1%	1-4	97%-1%	1-4	97%-1%		
ELKO	316GLE	230V50Hz	20-315	T	2-20	98%-6%	1-20	98%-7%	1-20	97%-10%	1-20	97%-10%	1-20	97%-10%	1-20	97%-10%	1-20	97%-10%		
ELKO	600GLI	230V50Hz	40-600	U	1-20	98%-1%	1-13	97%-1%	1-8	96%-1%	1-8	96%-1%	1-8	96%-1%	1-8	96%-1%	1-8	96%-1%		
ELKO	420GLEI	230V50Hz	40-420	U	1-14	98%-1%	1-13	97%-4%	1-10	97%-19%	1-10	97%-19%	1-10	97%-19%	1-10	97%-19%	1-10	97%-19%		










Angaben zum LEDVANCE Lampentyp

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









# DIMMER COMPATIBILITY PAR16

Legend						PAR16 M2 35 36° GU10		PAR16 M2 50 36° GU10		PAR16 M2 R0 36° GU10		PAR16 M2 R0 120° GU10		PAR16 M2+ 35 36° GU10		PAR16 M2+ 50 36° GU10		PAR16 M2+ 80 120° GU10		PAR16 M2 50 36° F14			
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						4058075797507 / AC57999 4058075797574 / AC57999 4058075797566 / AC58001		4058075797888 / AC38002 4058075797901 / AC38002 4058075798120 / AC38004		4058075433663 / AC57981 4058075433661 / AC57983		4058075433687 / AC57987 4058075433700 / AC57989		4058075613041 / AC58005 4058075613065 / AC58006		4058075613089 / AC58007 4058075613102 / AC58008 4058075613126 / AC58009		4058075613164 / AC58011 4058075613188 / AC58012		4058075433144 / AC32684			
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			
Brand	Model	Voltage range	Power	Type																			
ABB	STD 50-3	230/50Hz	60-500	L	100-19%		100-16%	100-16%	100-19%		100-19%		100-19%		100-16%	100-16%	100-19%		96-6%	96-5%			
Altenburger	50,3	230/50Hz					100-0%	100-0%			89-28%		89-28%		100-0%	100-0%			94-4%	92-4%			
AURORA	DSP 400	230/50Hz	400	L	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	93-2%	94-2%	
Berker	2861	230/50Hz	50-420	U		100-11%					100-11%		100-13%		100-11%				100-11%	99-2%	97-2%		
Bticino	L/N/NT4411 N HC/HD/HS44 11	230/50Hz			100-0%	100-9%	100-0%	100-0%	100-0%	100-9%	100-0%	100-9%	100-0%	100-9%	100-0%	100-0%	100-0%	100-0%	100-0%	100-9%	88-8%	90-8%	
bticino	NT4402N	230/50Hz	500	R																			
BTICINO	RW4411				100-0%	100-0							100-0%	100-0									
BTICINO	HD4411				100-0%	100-0							100-0%	100-0									
Busch-Jaeger	6513 U-102	230/50Hz	420	T	100-47%	100-47%	100-0%	100-0%		100-47%		100-47%	100-47%	100-47%	100-0%	100-0%	100-47%	100-47%	86-3%	88-4%			
Busch-Jaeger	6523 U-102	230/50Hz	40-420	T	100-0%	90-0%	99-0%	100-0%	100-0%	90-0%	100-0%	90-0%	100-0%	90-0%	99-0%	100-0%	100-0%	100-0%	100-0%	80-4%	86-4%		
Busch-Jaeger	2250 U	230/50Hz	60-600	L	98-0%	100-0%	100-0%	100-0%	98-0%	100-0%	98-0%	100-0%	98-0%	100-0%	100-0%	100-0%	98-0%	100-0%					
Busch-Jaeger	6526 U	230/50Hz																					
NTURY CONTF-MULTI DIMMER	230/50Hz	60-600	U	89-0%	90-29%	100-0%	100-0%	89-0%	90-29%	89-0%	90-29%	89-0%	90-29%	100-0%	100-0%	89-0%	90-29%	93-5%	94-3%				
DimMax	420SL	230/50Hz	200	L/T	93-0%	100-0%	100-0%	100-0%	93-0%	100-0%	93-0%	100-0%	93-0%	100-0%	100-0%	100-0%	93-0%	100-0%	93-0%	100-0%	99-5%	96-2%	
DINUY	RE EL1 LE1	230/50Hz	400	LED	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%			100-0%	100-0%	100-12%	99-14%			
DINUY	RE PLA LE 1																						
DINUY	RE PLA LE 0				100-0%	100-0							100-0%	100-0									
Domintell	DimMax 420 SI	230/50Hz	200	L/T	93-0%	100-0%	100-0%	100-0%	93-0%	100-0%	93-0%	100-0%	93-0%	100-0%	100-0%	100-0%	93-0%	100-0%	93-0%	100-0%	99-5%	96-2%	
EcoDIM	0.3-450W Led Dimmer				100-0%	100-0							100-0%	100-0									
Ehmann	T24.08																						
Ehmann	T29.08																						
ELKO	400GLI	230/50Hz			91-9%	84-9%			91-9%	84-9%	91-9%	84-9%	91-9%	84-9%			91-9%	84-9%	85-8%	91-8%			
ELKO	315GLE	230/50Hz	20-315	T	84-0%	92-0%	100-0%	100-0%		92-0%		92-0%	84-0%	92-0%	100-0%	100-0%	84-0%	92-0%	94-8%	94-8%			
ELKO	600GLE/I	230/50Hz			84-0%	89-0%	99-0%	99-0%	84-0%	89-0%	84-0%	89-0%	84-0%	89-0%	100-3%	100-6%	84-0%	89-0%	92-2%	92-0%			
ELKO	600GLI	230/50Hz	40-600	U	100-11%	100-0%	100-1%	100-2%	100-11%	100-0%	100-11%	100-0%	100-11%	100-0%	100-1%	100-2%	100-11%	100-0%	99-8%	97-2%			
ELKO	420GLE/I	230/50Hz	40-420	U		100-9%	100-0%	100-0%		100-9%		100-9%	100-9%	100-0%	100-0%			100-9%	94-4%	92-4%			
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%	100-0%	100-0%	100-1%	100-0%			
ELKO	630GLE	230/50Hz	20-630	U	84-17%	100-13%	100-0%	100-0%		100-13%		100-13%	84-17%	100-13%	100-0%	100-0%	84-17%	100-13%	99-8%	97-2%			
Eltako	JUD61NPN-UC	230/50Hz	5-400	R/L/C	93-9%	100-19%	100-0%	100-0%	93-9%	100-19%	93-9%	100-19%	93-9%	100-19%	100-0%	100-0%	93-9%	100-19%	100-1%	100-0%			
ELTAKO	EUD61NPN-UC				100-0%	100-0							100-0%	100-0									
Feller	40200.LEDxxx	230/50Hz			89-17%	93-11%	100-0%	100-0%		93-11%		93-11%	89-17%	93-11%	100-0%	100-0%	89-17%	93-11%	98-8%	96-3%			
Feller	40600.RLC	230/50Hz	20-600	U	84-0%	89-0%	99-0%	99-0%	84-0%	89-0%	84-0%	89-0%	84-0%	89-0%	100-3%	100-6%	84-0%	89-0%	92-2%	92-0%			
Feller	40600.RC	230/50Hz			84-17%	100-13%	100-0%	100-0%		100-13%		100-13%	84-17%	100-13%	100-0%	100-0%	84-17%	100-13%	99-8%	97-2%			
Feller	40600.RL	230/50Hz			100-11%	100-0%	100-1%	100-2%	100-11%	100-0%	100-11%	100-0%	100-11%	100-0%	100-1%	100-2%	100-11%	100-0%	99-8%	97-2%			









## DIMMER COMPATIBILITY PAR16

Legend						PAR16 M2 35 36° GU10	PAR16 M2 50 36° GU10	PAR16 M2 80 36° GU10	PAR16 M2 80 120° GU10	PAR16 M2+ 35 36° GU10	PAR16 M+ 50 36° GU10	PAR16 M2+ 80 120° GU10	PAR16 M2 50 36° E14				
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						4058075797507 / AC57999	4058075797687 / AC58002	4058075433663 / AC57981	4058075433687 / AC57987	4058075613041 / AC58005	4058075613089 / AC58007	4058075613164 / AC58011	4058075433144 / AC32684				
Dimmer						4058075797574 / AC57999	4058075797666 / AC58001	4058075797820 / AC58004	4058075433700 / AC57989	4058075613065 / AC58006	4058075613126 / AC58009	4058075613188 / AC58012					
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	
Feller	40420.RLC	230/50Hz			100-0%	100-9%	100-0%	100-0%	100-0%	100-9%	100-0%	100-9%	100-0%	100-0%	100-0%	100-9%	92-4%
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%	100-0%
FINDER	.21.8.230.0200				100-0%	100-0%											
FINDER	15.21.8.230.B300				100-0%	100-0%											
FINDER	.81.8.230.0500				100-0%	100-0%											
FINDER	.11.0.240.0000																
Gira	226200	230/50Hz			90-0%	93-0%			90-0%	93-0%	90-0%	93-0%			100-0%	90-0%	93-0%
Gira	030700	230/50Hz	20-525	T	92-11%	93-11%	100-0%	100-0%	100-20%	100-20%	100-20%	100-20%	92-11%	93-11%	100-0%	100-0%	92-11%
Gira	117600	230/50Hz	50-420	U	93-9%	100-19%			93-9%	100-19%	93-9%	100-19%			93-9%	100-19%	99-2%
Gira	217400	230/50Hz	4X20-250	KNX-U	100-19%	100-19%			100-19%	100-19%	100-19%	100-19%	100-0%	100-0%	100-19%	100-19%	96-3%
Hager	WUD87	230/50Hz	400	LED-U	100-19%	89-17%	100-0%	100-0%	100-19%	89-17%	100-19%	89-17%	100-0%	100-0%	100-19%	89-17%	94-4%
Hamilton	KP1X40	230/50Hz	400		100-9%	100-0%	100-0%	100-9%	100-0%	100-0%	100-0%	100-0%			100-9%	100-0%	86-3%
Hugo Müller	adin 872110 I	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%	100-12%
Ion Industries	LED Dimmer 0.3-350 Watt				100-0%	100-0%					100-0%	100-0%					
Ion	WUW-LED Dimmer 600 Watt				100-0%	100-0%					100-0%	100-0%					
Ion	ID350W-MKII				100-0%	100-0%					100-0%	100-0%					
Ion	s LED Dimmer 200 Watt				100-0%	100-0%					100-0%	100-0%					
Ion	ID200W-MKII				100-0%	100-0%					100-0%	100-0%					
Jung	225 NVDE	230/50Hz	20-500	L	90-0%	93-0%			90-0%	93-0%	90-0%	93-0%			100-0%	90-0%	93-0%
Jung	225 TDE	230/50Hz			92-11%	93-11%	100-0%	100-0%	100-20%	100-20%	100-20%	100-20%	92-11%	93-11%	100-0%	100-0%	92-11%
Jung	254 UDIE1	230/50Hz			93-9%	100-19%			93-9%	100-19%	93-9%	100-19%			93-9%	100-19%	99-2%
Jung	1224 LEDUDE	230/50Hz		LED													99-4%
Jung	3904 REGHE	230/50Hz			100-19%	100-19%			100-19%	100-19%	100-19%	100-19%	100-0%	100-0%	100-19%	100-19%	96-3%
JUNG	1731DD				100-0%	100-0%					100-0%	100-0%					
JUNG	UD 1755 REG				100-0%	100-0%					100-0%	100-0%					
JUNG	1724 DM				100-0%	100-0%					100-0%	100-0%					
Legrand	665114	230/50Hz	400	U	100-0%	100-9%	100-0%	100-0%	100-0%	100-9%	100-0%	100-9%	100-0%	100-0%	100-0%	100-9%	88-8%
Legrand	74319/57433	230/50Hz	400	U	100-0%	100-9%	100-0%	100-0%	100-0%	100-9%	100-0%	100-9%	100-0%	100-0%	100-0%	100-9%	88-8%
Legrand	72239/57273	230/50Hz	400	U	100-0%	100-9%	100-0%	100-0%	100-0%	100-9%	100-0%	100-9%	100-0%	100-0%	100-0%	100-9%	88-8%
Legrand	78407/07920	230/50Hz	400	U	100-0%	100-9%	100-0%	100-0%	100-0%	100-9%	100-0%	100-9%	100-0%	100-0%	100-0%	100-9%	88-8%
Legrand	48869/04887	230/50Hz	400	U	100-0%	100-9%	100-0%	100-0%	100-0%	100-9%	100-0%	100-9%	100-0%	100-0%	100-0%	100-9%	88-8%
Legrand	067083/048869	230/50Hz	400	U	100-0%	100-9%	100-0%	100-0%	100-0%	100-9%	100-0%	100-9%	100-0%	100-0%	100-0%	100-9%	88-8%
Legrand	770061	230/50Hz	400	RL									100-0%	100-0%			

# DIMMER COMPATIBILITY PAR16

Legend					PAR16 M2 35 36° GU10	PAR16 M2 50 36° GU10	PAR16 M2 80 36° GU10	PAR16 M2 80 120° GU10	PAR16 M2+ 35 36° GU10	PAR16 M+ 50 36° GU10	PAR16 M2+ 80 120° GU10	PAR16 M2 50 36° E14				
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					405807597550 / AC57999 405807597574 / AC57999 405807597666 / AC58001	405807597888 / AC58002 405807597901 / AC58002 405807597920 / AC58004	4058075433663 / AC57981 4058075453661 / AC57983	4058075433687 / AC57987 4058075433700 / AC57989	4058075613041 / AC58005 4058075613065 / AC58006	4058075613089 / AC58007 4058075613102 / AC58008 405807561326 / AC58009	4058075613164 / AC58011 4058075613188 / AC58012	4058075433144 / AC32684				
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												
Legrand	099314	230/50Hz	300	RL												
Legrand	770062	230/50Hz	400	RLC	100-9%	100-14%	100-0%	100-0%	100-9%	100-14%	100-9%	100-14%	100-0%	100-0%	100-9%	100-14%
Legrand	617031	230/50Hz	1000	L			98-19%	100-21%					98-19%	100-21%		
Legrand	078405	230/50Hz	600	RL			99-0%	100-0%					99-0%	100-0%		
MASTER	DM-DGL	230/50Hz	1000	U / LED												100-11%
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%	100-0%	100-0%
Merten	1EG5136-000	230/50Hz			84-0%	92-0%	100-0%	100-0%	92-0%	92-0%	84-0%	92-0%	100-0%	100-0%	84-0%	94-8%
Merten	1EG5134-000	230/50Hz			89-17%	93-11%	100-0%	100-0%	93-11%	93-11%	89-17%	93-11%	100-0%	100-0%	89-17%	93-11%
Merten	1EG5139-000	230/50Hz			84-0%	89-0%	99-0%	99-0%	84-0%	89-0%	84-0%	89-0%	100-3%	100-6%	84-0%	89-0%
Merten	1EG5137-000	230/50Hz			84-17%	100-13%	100-0%	100-0%	100-13%	100-13%	84-17%	100-13%	100-0%	100-0%	84-17%	100-13%
Merten	1EG5133-000	230/50Hz			100-11%	100-0%	100-1%	100-2%	100-11%	100-0%	100-11%	100-0%	100-1%	100-2%	100-11%	100-0%
Merten	1EG5138-000	230/50Hz				100-9%	100-0%	100-0%	100-9%	100-9%		100-9%	100-0%	100-0%		100-9%
Merten	1EG5170-030	230/50Hz	10-200	U		100-0%	100-0%	100-0%			100-0%	100-0%				94-4%
Merten	MEG 5131	230/50Hz	40-400	L	89-0%	89-0%	100-0%		89-0%	89-0%	89-0%	89-0%	100-0%		89-0%	89-0%
Merten	MEG 5132	230/50Hz			89-0%	89-0%	100-0%		89-0%	89-0%	89-0%	89-0%	100-0%		89-0%	89-0%
Merten	MEG 5140	230/50Hz	9-100	L	84-0%	89-0%	100-0%	100-0%	84-0%	89-0%	84-0%	89-0%	100-0%	100-0%	84-0%	89-0%
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%	100-0%	100-0%
MK	K4501	230/50Hz	180	L		91-0%	100-5%	100-1%		91-0%	91-0%		100-5%	100-1%		91-0%
NEXUS	881P-01	230/50Hz	400	L												93-2%
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%	100-0%	100-0%	100-0%	100-2%
NIKO	330-00700 00701	230/50Hz	5-200	U	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-6%
Odace	S520512	230/50Hz			89-17%	93-11%	100-0%	100-0%	93-11%	93-11%	89-17%	93-11%	100-0%	100-0%	89-17%	93-11%
Odace	S520511	230/50Hz			100-11%	100-0%	100-1%	100-2%	100-11%	100-0%	100-11%	100-0%	100-1%	100-2%	100-11%	100-0%
Odace	S520515	230/50Hz				100-9%	100-0%	100-0%		100-9%		100-9%	100-0%	100-0%		100-9%
Odace	S520518	230/50Hz			84-0%	89-0%	100-0%	100-0%	84-0%	89-0%	84-0%	89-0%	100-0%	100-0%	84-0%	89-0%
Osram	TIDALI 315 DI	230/50Hz	20-315	DALI-T	100-13%	100-13%	100-0%	100-0%	100-13%	100-13%	100-13%	100-13%	100-0%	100-0%	100-13%	100-13%
PEHA	435 HAN	230/50Hz	60-600	L	89-0%	84-0%	100-26%		89-0%	84-0%	89-0%	84-0%	100-26%	100-31%	89-0%	84-0%
Plejd	DIM-01															
Plejd	DIM-02															
Plejd	RTR-01-SW															
RVE	RV LED 250				100-0%	100-0%			100-0%	100-0%						
Schneider	400GLI	230/50Hz	40-400	T	91-9%	84-9%			91-9%	84-9%	91-9%	84-9%			91-9%	84-9%
Schneider	SBD315RC	230/50Hz			84-0%	92-0%	100-0%	100-0%		92-0%		92-0%	84-0%	92-0%	100-0%	100-0%

## DIMMER COMPATIBILITY PAR16

Legend					PAR16 M2 35 36° GU10	PAR16 M2 50 36° GU10	PAR16 M2 80 36° GU10	PAR16 M2 80 120° GU10	PAR16 M2+ 35 36° GU10	PAR16 M+ 50 36° GU10	PAR16 M2+ 80 120° GU10	PAR16 M2 50 36° E14						
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													
Undesired dimmability					EAN / Basic Code													
Not tested					EAN / Basic Code													
Dimmer					PAR16 M2 35 36° GU10		PAR16 M2 50 36° GU10		PAR16 M2+ 35 36° GU10		PAR16 M+ 50 36° GU10		PAR16 M2+ 80 120° GU10		PAR16 M2 50 36° E14			
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		
Schneider	SBD200LED	230/50Hz	400		89-17%	93-11%	100-0%	100-0%	89-17%	93-11%	100-0%	100-0%	89-17%	93-11%	98-8%	96-3%		
Schneider	SBD600RCRL	230/50Hz			84-0%	89-0%	99-0%	99-0%	84-0%	89-0%	100-3%	100-6%	84-0%	89-0%	92-2%	92-0%		
Schneider	SBD630RC	230/50Hz			84-17%	100-13%	100-0%	100-0%	84-17%	100-13%	100-0%	100-0%	84-17%	100-13%	99-8%	97-2%		
Schneider	SBD600RL	230/50Hz			100-11%	100-0%	100-1%	100-2%	100-11%	100-0%	100-1%	100-2%	100-11%	100-0%	99-8%	97-2%		
Schneider	SBD420RCRL	230/50Hz				100-9%	100-0%	100-0%		100-9%		100-9%		100-9%	94-4%	92-4%		
Schneider	5170	230/50Hz					100-0%	100-0%			100-0%	100-0%			94-4%	92-4%		
Schneider	SBD400RL	230/50Hz			89-0%	89-0%	100-0%		89-0%	89-0%	89-0%	89-0%	100-0%		89-0%	89-0%	93-2%	93-4%
Schneider	SBDSPL	230/50Hz			84-0%	89-0%	100-0%	100-0%	84-0%	89-0%	84-0%	89-0%	84-0%	89-0%	90-5%	91-5%		
Schneider	ATTD1000RL	230/50Hz			100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-1%	100-0%		
Scolmore	MD9014				100-11%	100-10%					100-11%	100-10%						
Shuttle	IM-T-LED-500	230/50Hz	2-500	T & LED-T	100-0%	100-5%	100-0%	100-0%	100-0%	100-5%	100-0%	100-5%	100-0%	100-5%	100-0%	100-5%	96-9%	93-10%
Siemens	5TC8 284	230/50Hz	20-525	T	100-20%	100-20%			100-20%	100-20%	100-20%	100-20%			100-20%	100-20%	92-10%	92-10%
Siemens	VG1-527-1AB:	230/50Hz	20-500	KNX-U	100-19%	100-0%			100-19%	100-0%	100-19%	100-0%	100-19%	100-0%	100-19%	100-0%	97-11%	95-3%
theben	MAX 544 plus	230/50Hz	250	T	100-0%	100-9%	100-0%	100-0%	100-0%	100-9%	100-0%	100-9%	100-0%	100-0%	100-0%	100-9%		
theben	IMAX 534 plu	230/50Hz	400	T	100-28%	100-37%	100-18%	100-16%	100-28%	100-37%	100-28%	100-37%	100-18%	100-16%	100-28%	100-37%		
VADSBO	LD 220	230/50Hz	1-200	U													92-2%	96-4%
VARILIGHT	HQ3W	230/50Hz	400		100-19%	100-5%	100-3%	100-2%	100-19%	100-5%	100-19%	100-5%	100-3%	100-2%	100-19%	100-5%	96-4%	97-1%
VARILIGHT	JQP401W	230/50Hz	400	T	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%	100-11%	98-10%
Varilight	MJP120				100-0%	100-0%					100-0%	100-0%						
Vimar	20135	230/50Hz	3-100	U	100-19%	100-19%	100-0%	100-14%	100-19%	100-19%	100-19%	100-19%	100-0%	100-14%	100-19%	100-19%	98-0%	98-0%
YOKIS	MTV 500E/M				100-0%	100-0%					100-0%	100-0%						
ZANO	WH401	230/50Hz	400	L	100-0%		100-0%	100-0%	100-0%		100-0%		100-0%	100-0%	100-0%		97-2%	97-3%
ZANO	WH251	230/50Hz	250		100-0%	100-0%		100-0%	100-0%		100-0%		100-0%	100-0%	100-0%		99-3%	99-1%
ZANO	Z GRID 700	230/50Hz	250	LED													91-4%	88-3%
ZANO	Z GRID 500	230/50Hz	500		91-0%	100-0%	100-0%	100-0%	91-0%	100-0%	91-0%	100-0%	100-0%	100-0%	91-0%	100-0%	96-3%	96-1%

## DIMMER COMPATIBILITY PAR16

### 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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