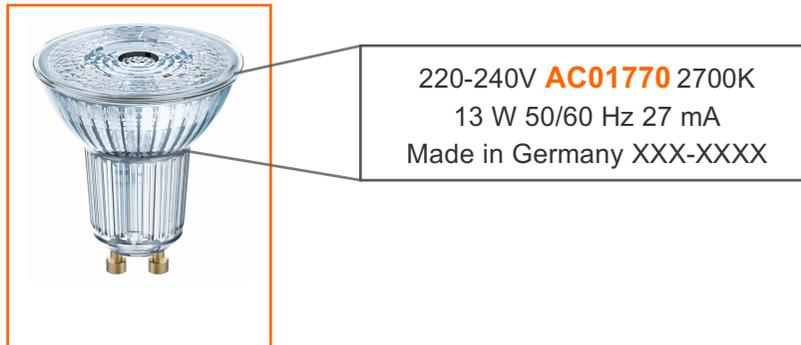


DIMMER COMPATIBILITY LUNATONE

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											
Good dimmability with indicated number of lamps (dimming range greater than 75%)											
Limited dimmability with indicated number of lamps (dimming range smaller than 75%)						LED CL A60 DIM 8.8W 827 FR E27 P LEDV		LED PAR168036 DIM 6.1W 930 GU10 P LEDV		LED CL B40 DIM 3.4W 827 FIL CL E14 P LEDV	
Undesired dimmability						AC68966		AC70561		AC84050	
Not tested											
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
Brand	Model	Voltage range	Power	Type							
Lunatone	86458619-300U-HS	230V / 50Hz	300	L/T	100% - 0%	100% - 0%	100% - 0%	100% - 0%	98% - 0%	98% - 0%	
Lunatone	86458619-300U	230V / 50Hz	300	L/T	100% - 0%	100% - 0%	100% - 0%	100% - 0%	98% - 0%	98% - 0%	
Lunatone	86458619-300	230V / 50Hz	300	T	100% - 0%	100% - 0%	100% - 0%	100% - 0%	98% - 0%	100% - 0%	
Lunatone	86458619-25U	230V / 50Hz	25	L/T	100% - 0%	100% - 0%	100% - 0%	100% - 0%	100% - 0%	98% - 0%	
Lunatone	86458619	230V / 50Hz	25	T	0% - 0%	0% - 0%	100% - 0%	100% - 0%	99% - 0%	100% - 0%	

Information about the LEDVANCE lamp type

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

DIMMER COMPATIBILITY LUNATONE

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.

Dimmer					Lampentypen							
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
Lunatone	86450619-300U-HS	230V / 50Hz	300	L/T	100% - 0%	100% - 0%	100% - 0%	100% - 0%	96% - 0%	98% - 0%	96% - 0%	96% - 0%
Lunatone	86458619-300U	230V / 50Hz	300	L/T	100% - 0%	100% - 0%	100% - 0%	100% - 0%	98% - 0%	98% - 0%	96% - 0%	96% - 0%
Lunatone	86458619-300	230V / 50Hz	300	T	100% - 0%	100% - 0%	100% - 0%	100% - 0%	98% - 0%	100% - 0%	97% - 0%	97% - 0%
Lunatone	86458619-25U	230V / 50Hz	25	L/T	100% - 0%	100% - 0%	100% - 0%	100% - 0%	100% - 0%	98% - 0%	97% - 0%	97% - 0%
Lunatone	86458619	230V / 50Hz	25	T	0% - 0%	0% - 0%	100% - 0%	100% - 0%	99% - 0%	100% - 0%	95% - 0%	95% - 0%

Angaben zum LEDVANCE Lampentyp

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

Liste der getesteten Dimmer

DIMMER COMPATIBILITY LUNATONE

Legend																						
Good dimmability with indicated number of lamps (dimming range greater than 75%)																						
Limited dimmability with indicated number of lamps (dimming range smaller than 75%)		#NV	#NV	#NV	#NV	LEDCLA60DIM 5.9W 827 FILCL E27 P LEDV LEDCLA60DIM 5.9W 827 FILFR E27 P LEDV	#NV	#NV	#NV	#NV												
Undesired dimmability																						
Not tested																						
		4099854043970/AC69366 4058075433861/AC69366	4099854456299/AC70561	4099854439049/AC84050 4099854445712/AC84050	4099854060595/AC45138 4058075245907/AC45138	4099854463891/AC70149 4099854465055/AC70149 4099854463938/AC70150 4099854465079/AC70150	4099854060977/AC70156 4058075112094/AC70156	4099854048678/AC84125 4058075432574/AC84125	4099854071270/AC84509	4099854457548/AC70582 4099854457609/AC70582												
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	Dimming range 1 Lamp	Dimming range 4 Lamps	Dimming range 1 Lamp	Dimming range 4 Lamps		
Brand	Model	Voltage range	Power	Type																		
Lunatone	86458619-300U-HS	230V / 50Hz	300	L/T	100% - 0%	100% - 0%	100% - 0%	100% - 0%	98% - 0%	98% - 0%	96% - 0%	96% - 0%	98% - 0%	93% - 0%	97% - 0%	96% - 0%	97% - 3%	98% - 3%	100% - 0%	100% - 0%	100% - 0%	100% - 0%
Lunatone	86458619-300U	230V / 50Hz	300	L/T	100% - 0%	100% - 0%	100% - 0%	100% - 0%	98% - 0%	98% - 0%	96% - 0%	96% - 0%	98% - 0%	97% - 0%	98% - 0%	98% - 0%	99% - 4%	98% - 3%	100% - 0%	100% - 0%	100% - 0%	100% - 0%
Lunatone	86458619-300	230V / 50Hz	300	T	100% - 0%	100% - 0%	100% - 0%	100% - 0%	98% - 0%	100% - 0%	97% - 0%	97% - 0%	98% - 0%	92% - 0%	99% - 0%	95% - 0%	98% - 3%	98% - 3%	100% - 0%	100% - 0%	100% - 0%	100% - 0%
Lunatone	86458619-25U	230V / 50Hz	25	L/T	100% - 0%	100% - 0%	100% - 0%	100% - 0%	100% - 0%	98% - 0%	97% - 0%	97% - 0%	97% - 0%	96% - 0%	97% - 0%	92% - 0%	98% - 3%	98% - 3%	100% - 5%	0% - 0%	100% - 0%	100% - 0%
Lunatone	86458619	230V / 50Hz	25	T	0% - 0%	0% - 0%	100% - 0%	100% - 0%	99% - 0%	100% - 0%	95% - 0%	95% - 0%	98% - 0%	91% - 0%	98% - 0%	96% - 0%	0% - 0%	0% - 0%	73% - 0%	0% - 0%	100% - 0%	100% - 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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