

Operation of Radium LED Essence RL-DUO-E UN



Tested gear for operation of LED Compact Lamps with ECG

	compatible
*	Luminous flux may deviate >10% off specification.
	incompatible

			RL-DUO/E13 UN	RL-DUO/E18 UN	RL-DUO/E26 UN
			43519769	43519771	43519772
Manufacturer	Model	Reference no.	Number of Lamps**	Number of Lamps**	Number of Lamps**
230V					
BAG	BCS21.1-2Q-01/220-240	10097543	1		
BAG	BCS21.1-2Q-01/220-240	10097543	2		
BAG	EBS21.1M-01/220-240	10050994	1		
BAG	BCS 18.1-2Q-01/220-240	10097544		1	
BAG	BCS 18.1-2Q-01/220-240	10097544		2	
BAG	BCS42.1/26.2Q-01/220-240	10097545			1
BAG	BCS42.1/26.2Q-01/220-240	10097545			2
BAG	BCS70.1/42.2Q-01/220-240	10097546			1
BAG	BCS70.1/42.2Q-01/220-240	10097546			2
Helvar	EL 1/2X18-42TCs	4219001K47111457 7		1	
Helvar	EL 1/2X18-42TCs	4219001K47111457 7		2	
OSRAM	QT-ECO 1X4-16/220-240 S	A48976F0355	1		
OSRAM	QTP-D/E 1X10-13	A69794802OL	1		
OSRAM	QTP-D/E 2X10-13	A69797D02OL	2		
OSRAM	EZ-T/E 1x18/220-240	AA403390155		1	
OSRAM	QT-ECO 1X18-21 /220-240s	A48963101DG		1	
OSRAM	QTP-T/E 1x18, 2x18	A72031902OL		1	
OSRAM	QTP-T/E 1x18, 2x18	A72031902OL		2	
OSRAM	QT-T/E 2x18/230-240V	A69798900DG		2	
OSRAM	EZ- T/E 1X26/220-240	AA403410155			1
OSRAM	QT-ECO 1X26/220-240 S	A4894610355			1
OSRAM	QT-ECO 2X26/220-240	A37107601DG			2
OSRAM	QT-M 2x26-32/230-240S	A45115100DG			2
OSRAM	QT-M 2x26-42/220-240 S	A5267550355			2
OSRAM	QTP-M 1x26-42	A6979600455			1
OSRAM	QTP-M 2x26-32	A6979950455			2
OSRAM	QTP-T/E 1x26-42,2x26	A7203250355			2
OSRAM	QTP-T/E 1x26-42,2x26	A7203250355			1
TCI	BCC 121	137946HTC	1		
TCI	BCC 121 IP54	137969IP21MM	1		
TCI	BCC 121 SL	137944B/21H	1		
TCI	BCC 121/2 SL	137944/21H	1		
TCI	MBQ 113/2	137968/113	1		
TCI	MBQ 213/2	137968/213	2		
TCI	BCC 121	137946HTC		1	
TCI	MBQ 118/2	137968/118		1	
TCI	BCC 126	137949HTC			1
TCI	MBQ 142/2	137968/142			1
TCI	MBQ 226/2	137968/226			1
TCI	MBQ 226/2	137968/226			2
TCI	MBQ 242/2	137962/242			1
TCI	MBQ 242/2	137962/242			2

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Manufacturer	Model	Reference no.	Number of Lamps**	Number of Lamps**	Number of Lamps**
Philips	BLUE 114 LH TL/PLS/PLC	9137004217	1		
Philips	RED 114 SH TL/TL5/PLC/S	9137004232	1		
Philips	HF-M 113 TL/PLS/PLC LH	9137004137	1		
Philips	HF-M 113 TL/PLS/PLC SH	9137004137	1		
Philips	HF-M RED 118 SH PL-C/PL-T 23C	9137004234		1	
Philips	HF-P 1 18 PL-T/C EII	9137006309		1	
Philips	HF-P 1 18 PL-T/C III	9137006485		1	
Philips	HF-P 1/2 18 PL-T/C III	9137006486		1	
Philips	HF-P 1/2 18 PL-T/C III	9137006486		2	
Philips	HF-P 118 PL-L 220-240	9137001169		1	
Philips	HF-P 2 18 PL-T/C EII	9137006310		2	
Philips	HF-P 2 18 PL-T/C III	9137006486		2	
Philips	HF-R 118 PL-T/C EII	9137006800		1	
Philips	HF-R 118 TLD 220-240	9137001118		1	
Philips	HF-R 218 PL-T/C EII	9137006801		2	
Philips	HF-S 1/2 18 PL-T/C II SR	9137130358		2	
Philips	HF-S 1/2 18 PL-T/C II SR	9137130358		1	
Philips	HF-S 118 PL-T/C II SR	9137130359		1	
Philips	HF-P 1 22-42 PL-T/C/L/TL5C EII	9137006307			1
Philips	HF-P 1/2 26 PL-T/C III	9137006488			1
Philips	HF-P 1/2 26 PL-T/C III	9137006488			2
Philips	HF-P 126 PL-T/C III	9137006487			1
Philips	HF-P 2 22-42 PL-T/C/L/TL5C EII	9137006308			2
Philips	HF-P 2 26 PL-T/C III	9137006488			2
Philips	HF-R 1 26-42 PL-T/C EII	9137006266			1
Philips	HF-R 2 26-42 PL-T/C EII	9137006265			1
Philips	HF-R 2 26-42 PL-T/C EII	9137006265			2
Philips	HF-Ri TD 1 26-42 PL-T/C E+	9137006847			1
Philips	HF-Ri TD 2 26-42 PL-T/C E+	9137006848			2
Philips	HF-S 1/2 26 PL-T/C II SR	9137130356			1
Philips	HF-S 1/2 26 PL-T/C II SR	9137130356			2
Tridonic	PC 1/2x9-13 TC PRO	22176405	1		
Tridonic	PC 1/2x9-13 TC PRO	22176405	2		
Tridonic	PC 1x5-16W BASIC	24138830	1		
Tridonic	PC 1x5-16W BASIC sl	24138833	1		
Tridonic	PCA 1x11/13 TC ECO	22185126	1		
Tridonic	PC 1/2X18 TC PRO	22176407		1	
Tridonic	PC 1/2X18 TC PRO	22176407		2	
Tridonic	PC 1/2X18 TC PRO s r	22176412		1	
Tridonic	PC 1/2X18 TC PRO s r	22176412		2	
Tridonic	PC 1X18-24W BASIC s l	22176000		1	
Tridonic	PC 2X18 TC TOP s r	28000078		1	

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Manufacturer	Model	Reference no.	Number of Lamps**	Number of Lamps**	Number of Lamps**
Vossloh	ELXs 121.901	188663	1		
Vossloh	ELXs 121.904	188664	1		
Vossloh	ELXc 213.870	188698	1		
Vossloh	ELXc 213.870	188698	2		
Vossloh	ELXc 118.879	183134		1	
Vossloh	ELXc 142.872	188700		1	
Vossloh	ELXc 142.872	188700		2	
Vossloh	ELXc 218.871	188699		1	
Vossloh	ELXc 218.871	188699		2	
Vossloh	ELXc 218.871	188713		1	
Vossloh	ELXc 218.871	188713		2	
Vossloh	ELXc 218.881	183136		2	
Vossloh	ELXc 242.837	188202		2	
Vossloh	ELXs 121.901	188663		1	
Vossloh	ELXs 121.904	188664		1	
Vossloh	ELXc 126.880	183135			1
Vossloh	ELXc 126.906	188667			1
Vossloh	ELXc 142.872	188714			1
Vossloh	ELXc 142.872	188714			2
Vossloh	ELXc 142.876	188888			1
Vossloh	ELXc 142.876	188888			2
Vossloh	ELXc 226.882	183137			2
Vossloh	ELXc 242.837	188202			2
Vossloh	ELXc 242.877	188889			2

** tested and proven working at ECG regarded, luminous flux may deviate.

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.

Radium 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 tube types.

If an ECG is missing from this list, tests and measurements are necessary to determine compatibility.

Operation on incompatible ballasts represents a significant safety risk.

When installing, please, refer to and observe the ballast manufacturer's instructions for installation.

LED tubes 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 tube holder and the luminaire (acoustic resonance effect) as well as the ballast (harmonic or electronic resonance).

Validity: These compatibility lists are updated in irregular intervals. The user is responsible to ensure that the information they have is up to date and still valid. Once a new compatibility list has been issued, former editions are to be seen as invalid and disposed of.

Errors and omission excepted. Please note version, current and more lists on www.radium.de/compatibility