

Operation of Radium LED Essence RL-LONG HF



Tested gear for operation of LED Compact Lamps with ECG

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

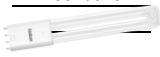
			RL-LONG18	RL-LONG24	RL-LONG36	RL-LONG55
			43520573	43520576	43520574	43520575
						
Manufacturer	Model	Reference no.	Number of Lamps**	Number of Lamps**	Number of Lamps**	Number of Lamps**
230V						
BAG	BCS18.1FX-11/220-240	10077588	1			
BAG	MLS80.1/54.2FR-11/220-240	10071609				1
BAG-HUECO	BCS54.1FR-01/220-240	10075881				1
BAG-HUECO	BCS54.2FX-11/220-240	10077586				2
BAG-HUECO	BCS58.1SR-01/220-240	10051002				1
BAG-HUECO	D58.1-23021 E	166072				1
BAG-HUECO	D58.2-23021 E	166082				2
Helvar	EL 1X36/40/18s	4309001C452026626			1	
Helvar	EL 1X39/36 ngn5	4021001F36700171 1			1	
Helvar	EL 2X39/36 ngn5	4024001F31700730 1			2	
OSRAM	QT-FIT8 1X18	AA7470402OL	1			
OSRAM	QTiSe 1x18/220-240	A63386100DG	1			
OSRAM	QTiSe 2x18/220-240	A45121B00DG	2			
OSRAM	QTP-DL 1X18-24	A57055001DG	1	1		
OSRAM	Qti 1x14/24 DIM	AA3944303OL	1	1		
OSRAM	Qti DALI 2X14/24 DIM	AA3863600DG	2	2		
OSRAM	Qti 1x14/24/21/39 GII	AA3529502OL	1	1	1	
OSRAM	Qti 2x14/24/21/39 GII	AA3529802OL	2	2	2	
OSRAM	QTP-OPTIMAL 1X18-40	AA509570755	1	1	1	
OSRAM	QTP-OPTIMAL 2X18-40	AA51373205DG	2			
OSRAM	QT-ECO 1X18-21/220-240 S	A48963101DG		1		
OSRAM	QT-ECO 1X18-24/220-240 S	A4895290255		1		
OSRAM	QT-FIT 5/8 1X18...39	AA7471802OL		1	1	
OSRAM	QT-FIT 5/8 2X18...39	AA440140555		2		
OSRAM	Qti 1x14/24/21/39 GII	AA3529501DG		1		
OSRAM	Qti 1x14/24/21/39 GII	AA3594700DG		1		
OSRAM	Qti 2x14/24/21/39 GII	AA3529800DG		2		
OSRAM	Qti 2x14/24/21/39 GII	AA3594700DG		2		
OSRAM	QTP-OPTIMAL 2X18-40	A51373205DG/AA517320755		2		
OSRAM	QT 1X36 DIM	AA3140103OL			1	
OSRAM	QT 2X36 DIM	AA3141403OL			2	
OSRAM	QT-FIT8 1X36	AA747060355			1	
OSRAM	QTi DALI 2X36 DIM	AA3863802OL			2	
OSRAM	QTP-DL 1X36-40	A57056D0255			1	
OSRAM	QTP-DL 2X36-40	A5705850255			2	
OSRAM	QTP-OPTIMAL 2X18-40	AA517320755			2	
OSRAM	QT 2x55 / 230					2
OSRAM	QT-FQ 2X80	A57569D02OL				2
OSRAM	Qti 1x35/49/80 GII	AA3529702OL				1
OSRAM	Qti 2x35/49/80 GII	A74908403OL				2
OSRAM	QTP-DL 1x55 GII	A73709F01DG				1
OSRAM	QTP-DL 2x55 GII	A6159040355				2
OSRAM	QTP-FC 1x55	A71981302OL				1
OSRAM	QTP-OPTIMAL 1x54-58	AA517330755				1
OSRAM	QTP-OPTIMAL 2x54-58	AA569750755				2
TCI	BTLT 154	137998/154				1
TCI	BTLT 254	137999/54				2
Vossloh	ELXc 140.862	188140	1		1	
Vossloh	ELXC 236.208	188705	2		2	
Vossloh	ELXC 240.863	188616	2	2	2	
Vossloh	ELXc 128.869	188589		1		
Vossloh	ELXc 155.378	188680				1
Vossloh	ELXc 180.866	188144				1
Vossloh	ELXc 254.865	188618				2
Vossloh	ELXc 280.538	188233				2

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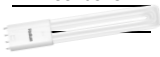
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Manufacturer	Model	Reference no.	Number of Lamps**	Number of Lamps**	Number of Lamps**	Number of Lamps**
Philips	HF-MATCHBOX RED 118 SH PLC/PLT	9137004234	1			
Philips	HF-P 118 TL-D III IDC	9137130312	1			
Philips	HF-P 118/136 TL-D III	9137130315	1		1	
Philips	HF-P 218/236 TL-D III	9137130316	2		2	
Philips	HF-Pi 1 14/21/24/39 TL5 EII	9137006240	1	1	1	
Philips	HF-Pi 2 14/21/24/39 TL5 EII	9137006242	2	2	2	
Philips	HF-R 118 TLD 220-240	9137001118	1			
Philips	HF-S 118 TL-D II	9137130320	1			
Philips	HF-S 118/136 TL-D II	9137130321	1		1	
Philips	HF-S 218 TL-D II	9137130323	2			
Philips	HF-S 3/418 TL-D II	9137130326	3			
Philips	HF-S 3/418 TL-D II	9137130326	4			
Philips	HF-M BLUE 124 LH TL/TL5/PL-L 230-240V	9137004180		1		
Philips	HF-M BLUE 124 SH TL/TL5/PL-L 230-240V	9137004179		1		
Philips	HF-M RED 124 SH TL/TL5/PL-L 230-240V	9137004206		1		
Philips	HF-P 1 22-42 PL-T/C/L/TL5C EII 220-240V	9137006307		1		
Philips	HF-P 2 22-42 PL-T/C/L/TL5C EII 220-240V	9137006308		2		
Philips	HF-B 136 TLD EII 220-240	9137001926			1	
Philips	HF-B 136/236 TLD EII 220-240	9137001928			1	
Philips	HF-B 136/236 TLD EII 220-240	9137001928			2	
Philips	HF-P 136 TL-D EII 220-240V	9137001911			1	
Philips	HF-P 236 PL-L III IDC	9137130285			2	
Philips	HF-Pi 2 28/35/49/54 TL5 EII 220-240V	9137006243			2	2
Philips	HF-R 136 PL-L EII 220-240V	9137006199			1	
Philips	HF-R 136 TLD EII	9137006092			1	
Philips	HF-R 236 TLD EII	9137006093			2	
Philips	HF-Ri TD 1 14/21/24/39 TL5 E+	9137006983			1	
Philips	HF-S 218/236 TL-D II	9137130324			2	
Philips	HF-S 336 TL-D II	9137130327			3	
Philips	HF-B 158/258 TLD EII 220-240	9137001929				1
Philips	HF-B 158/258 TLD EII 220-240	9137001929				2
Philips	HF-E 1/2 58 TL-D II	9137130409				1
Philips	HF-E 1/2 58 TL-D II	9137130409				2
Philips	HF-P 154/155 TL5 HO/PL-L III IDC	9137130282				1
Philips	HF-P 155 PLL EII 220-240	9137001922				1
Philips	HF-P 158 TL-D III IDC	9137130318				1
Philips	HF-P 254/255 TL5 HO/PL-L III IDC	9137130283				2
Philips	HF-P 258 TL-D III IDC	9137130319				2
Philips	HF-Pi 1 28/35/49/54 TL5 EII 220-240	9137006241				1
Philips	HF-S 154 TL5 II	9137130336				1
Philips	HF-S 158 TL-D II	9137130322				1
Philips	HF-S 254 TL5 II	9137130337				2
Philips	HF-S 258 TL-D II	9137130325				2
Philips	HF-S 258 TL-D II	9137006899				2

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Manufacturer	Model	Reference no.	Number of Lamps**	Number of Lamps**	Number of Lamps**	Number of Lamps**
Tridonic	PC 4X18 T8 TEC	87500257	3			
Tridonic	PC 4X18 T8 TEC	87500257	4			
Tridonic	PC 1/14-35/24/39 T5 PRO-M Ip	22176182	1	1		
Tridonic	PC 1X18 T8 PRO IP	22185213	1			
Tridonic	PC 1X18 T8 TEC	87500113	1			
Tridonic	PC 1X18 T8 TOP Si	22185222	1			
Tridonic	PC 1x18-24W BASIC s I	22176000	1			
Tridonic	PC 2/36/4X18 T8 TEC	87500260	4			
Tridonic	PC 2/36/4X18 T8 TEC	87500260	2		2	
Tridonic	PC 2X18 T8 TEC	87500256	2			
Tridonic	PC 2/18/24 TCL PRO	22176069		2		
Tridonic	PC 1x24 T5 PRO Ip	22185149		1		
Tridonic	PC 2x24 T5 PRO Ip	22185150		2		
Tridonic	PC 1x24 T5 TOP Ip	22185159		1		
Tridonic	PC 2x24 T5 TOP Ip	22185160		2		
Tridonic	PC 3/4x24 T5 PRO Ip	22185212		3		
Tridonic	PC 3/4x24 T5 TOP Ip	22185221		4		
Tridonic	PC 1/30 T8 PRO	22176077			1	
Tridonic	PC 1/36 TCL PRO	87500507			1	
Tridonic	PC 1X36 T8 PRO Ip	22185214			1	
Tridonic	PC 1X36 T8 TEC	87500258			1	
Tridonic	PC 1X36 T8 TOP sl	22185223			1	
Tridonic	PC 2X36 T8 TEC	87500116			2	
Tridonic	PC 3/36 T8 PRO	22176231			2	
Tridonic	PC 3/36 T8 PRO	22176231			3	
Tridonic	PC 1/55 TCL PRO	87500509				1
Tridonic	PC 1x54 T5 PRO IP	22185155				1
Tridonic	PC 1x58 T8 PRO Ip	22185215				1
Tridonic	PC 1x58 T8 TEC	75000150				1
Tridonic	PC 2/55 TCL PRO	87500520				2
Tridonic	PC 2x55 TCL PRO Ip	22185286				2
Tridonic	PC 2x58 T8 PRO sl	22185218				2
Tridonic	PC 2x58 T8 TEC	87500151				2
Tridonic	PC 1X80 T5 PRO IP	22185209				1

** 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