



UV-C Lamp Pairing Guide



NOMINAL WATTAGE	CATALOG NUMBER	BASE TYPE	OPERATING VOLTAGE	NOMINAL LAMP CURRENT	LENGTH		PEAK WAVE LENGTH	AVERAGE LIFETIME (HOURS)	BALLAST OPTION REFERENCE CODES					
					MM	INCHES			1	OUTPUT CURRENT RANGE	2	OUTPUT CURRENT RANGE	3	OUTPUT CURRENT RANGE

T5 Miniature Bi-Pin Base

4.5W	KTL-G4T5-254-DE	G5	28V	170mA	135	5.31	254nm	~8,000
6W	KTL-G6T5-254-DE	G5	42V	160mA	212	8.35	254nm	~8,000
8W	KTL-G8T5-254-DE	G5	56V	150mA	288	11.34	254nm	~8,000

A (1 or 2)	150-155mA	-	-	-	-
A (1 or 2)	150-155mA	-	-	-	-
A (1 or 2)	150-155mA	-	-	-	-

T8 Medium Bi-Pin Base

15W	KTL-G15T8-254-DE	G13	51V	340mA	436	17.17	254nm	~8000+
30W	KTL-G30T8-254-DE	G13	100V	370mA	894	35.20	254nm	~8000+
36W	KTL-G36T8-254-DE	G13	103V	440mA	1199	47.20	254nm	~8000+
55W	KTL-G55T8-254-HO-DE	G13	87V	780mA	894	35.20	254nm	~8000+
75W	KTL-G75T8-254-HO-DE	G13	110V	850mA	1199	47.20	254nm	~8000+
95W	KTL-G95T8-254-HO-DE	G13	124V	620mA	1500	59.06	254nm	~8000+

B (1 or 2)	290-305mA	G (1 or 2)	340-350mA	-	-
C (1)	330-370mA	G (1 or 2)	340-350mA	-	-
C (1)	365-370mA	G (1 or 2)	340-350mA	F (1 or 2)	475-495mA
D (1)	815mA	J (1)	800mA	-	-
D (1)	830mA	J (1)	800mA	-	-
E (1 or 2)	490-510mA	-	-	-	-

T5 4-Pin Base

16W	KTL-G16T5-254-4P	G10q	37V	425mA	317	12.48	254nm	~8000+
17W	KTL-G17T5-254-4P	G10q	51V	425mA	357	14.06	254nm	~8000+
21W	KTL-G22T5-254-4P	G10q	62V	425mA	436	17.17	254nm	~8000+
40W	KTL-G36T5-254-4P	G10q	120V	425mA	843	33.19	254nm	~8000+
150W	KTL-G150T5-254-HO-4P	G10q	220V	800mA	1554	61.18	254nm	~8000+

C (1 or 2)	340-375mA	G (1 or 2)	340-345mA	F (1 or 2)	495-500mA
C (1 or 2)	345-380mA	G (1 or 2)	340-350mA	F (1 or 2)	495-500mA
C (1 or 2)	340-375mA	G (1 or 2)	340-350mA	F (1 or 2)	475-490mA
C (1)	370mA	G (1 or 2)	340-345mA	F (1 or 2)	470-485mA
K (1)	820mA	-	-	-	-

2-Pin Compact Lamps

5W	KTL-G5PLS-254-G23	G23	34V	180mA	85	3.35	254nm	~8000+
9W	KTL-G9PLS-254-G23	G23	60V	170mA	145	5.71	254nm	~8000+
13W	KTL-G13PLS-254-GX23	GX23	60V	290mA	165	6.50	254nm	~8000+

H (1)	165mA	-	-	-	-
H (1)	130mA	-	-	-	-
I (1)	285mA	-	-	-	-

4-Pin Compact Lamps

18W	KTL-G18PLL-254-2G11	2G11	60V	370mA	217	8.54	254nm	~8000+
36W	KTL-G36PLL-254-2G11	2G11	105V	440mA	410	16.14	254nm	~8000+
55W	KTL-G55PLL-254-2G11	2G11	103V	540mA	530	21.06	254nm	~8000+
95W	KTL-G95PLL-254-HO-2G11	2G11	100V	950mA	530	20.87	254nm	~8000+

C (1 or 2)	340-375mA	G (1 or 2)	345-355	-	-
C (1)	370mA	G (1 or 2)	340-350	-	-
E (1 or 2)	500-515mA	-	-	-	-
J (1)	800mA	-	-	-	-

BALLASTS FOR UV-C LAMPS

BALLAST REFERENCE CODE	CATALOG NUMBER	GENERIC LAMP DESCRIPTION	DIMENSIONS
A	KTG15-2L-150-UV-PS-C1	Ballast for UV-C lamps; 120-277V input; designed to run 1 or 2 lamps not to exceed 15W max load; ~150mA output; compact case style	1" x 2.4" x 5"
B	KTG40-2L-300-UV-PS-C1	Ballast for UV-C lamps; 120-277V input; designed to run 1 or 2 lamps not to exceed 40W max load; ~300mA output; compact case style	1" x 2.4" x 5"
C	KTG45-2L-370-UV-PS-C1	Ballast for UV-C lamps; 120-277V input; designed to run 1 or 2 lamps not to exceed 45W max load; ~370mA output; compact case style	1" x 2.4" x 5"
D	KTG75-1L-800-UV-PS-C2	Ballast for UV-C lamps; 120-277V input; designed to run 1 lamp not to exceed 75W max load; ~800mA output; large compact case style	1.4" x 3" x 5"
E	KTG200-2L-500-UV-PS-L4	Ballast for UV-C lamps; 120-277V input; designed to run 1 or 2 lamps not to exceed 200W max load; ~500mA output; large linear case style	1.6" x 2.2" x 11.7"
F	KTG100-2L-480-UV-PS-L1	Ballast for UV-C lamps; 120-277V input; designed to run 1 or 2 lamp not to exceed 100W max load; ~480mA output; linear case style	1" x 1.3" x 9.5"
G	KTG75-2L-350-UV-PS-L1	Ballast for UV-C lamps; 120-277V input; designed to run 1 or 2 lamp not to exceed 75W max load; ~350mA output; linear case style	1" x 1.3" x 9.5"
H	CC579TP	5-9W core and coil magnetic ballast for 2-pin lamps	2.8" x 1.5" x 1.2"
I	CC1322MTP	13W core and coil magnetic ballast for 2-pin lamps	3" x 1.8" x 1.3"
J	KTG100-1L-800-UV-PS-L2	Ballast for UV-C lamps; 120-277V input; designed to run 1 lamp not to exceed 100W max load; ~800mA output; linear case style	1.2" x 1.5" x 9.5"
K	KTG150-1L-840-UV-PS-L3	Ballast for UV-C lamps; 120-277V input; designed to run 1 lamp not to exceed 150W max load; ~840mA Output output; linear case style	1.2" x 1.7" x 9.5"



DISCLAIMERS

UV-C RISK GROUP 3 (per ANSI/IESNA RP-27.3-96)

WARNING: These lamps emit high power UV radiation. Avoid eye and skin exposure to unshielded product. Follow all installation instructions and user manuals.

THIS PRODUCT CAN CAUSE INJURY IF IMPROPERLY USED. Do not attempt to look at the lamp during operation.

1. UV-C radiation is harmful to the skin and eyes. Ensure people and animals avoid direct exposure to UV-C. When installing the lamps, make sure the device's installation manual is followed and lamps are not switched on during the installation process. Follow all warning statements on the lamp and device packaging.
2. Materials that are exposed to UV-C for a long time may become damaged and/or discolored. Take care to prevent paintings, artwork, plants, and other objects from exposure to avoid damage.
3. Use only in products specially designed to accept UV-C lamps. Lamps should be used in an enclosed environment and/or within specially designed devices to ensure users and/or occupants are always shielded from the radiation.
4. Do not install these lamps in standard fluorescent fixtures or use for general lighting applications.

With regards to the effectiveness in the inactivation of certain viruses, bacteria, fungi, or other harmful pathogens or micro-organisms: Keystone Technologies, LLC does not promise or warrant that the use of the UV-C lamps described here will protect any user (either direct or indirect) from or prevent infection and/or contamination with any viruses, bacteria, fungi, or other harmful pathogens or micro-organisms. The UV-C lamps are NOT approved and/or certified as a medical device by the FDA or any other regulatory body. As such, they are not intended for use to disinfect medical devices or equipment without further fixture level certifications. In addition to and without limitation of any exclusions or limitations of liability of Keystone Technologies, LLC as set forth in any agreement for the sale, distribution or otherwise making available of the UV-C lamps and power supplies, Keystone shall have no responsibility or liability whatsoever for any claim or damage that may arise from or relate to any use of the UV-C lamps outside of their intended use or contrary to their installation and operation instructions, each as described in this document, the user manuals and/or the mounting instructions.

Ballast pairing information provided for reference and subject to change without notice.

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