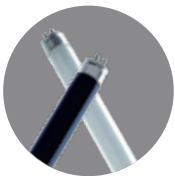


UV-B, BLACKLIGHT & BLACKLIGHT BLUE

Special Coated Low Pressure Lamps

USHIO offers three types of special coated low pressure lamps: UV-B, BL and BLB. These lamps are each coated with special blended phosphor to emit radiation peaking at 306nm (UV-B), 352nm (BL) or 368nm (BLB).

The UV radiation emitted at specific wavelengths are used to create UV reaction and effects for various applications such as in laboratory/research, industrial, sanitation, criminology, cosmetics and entertainment.

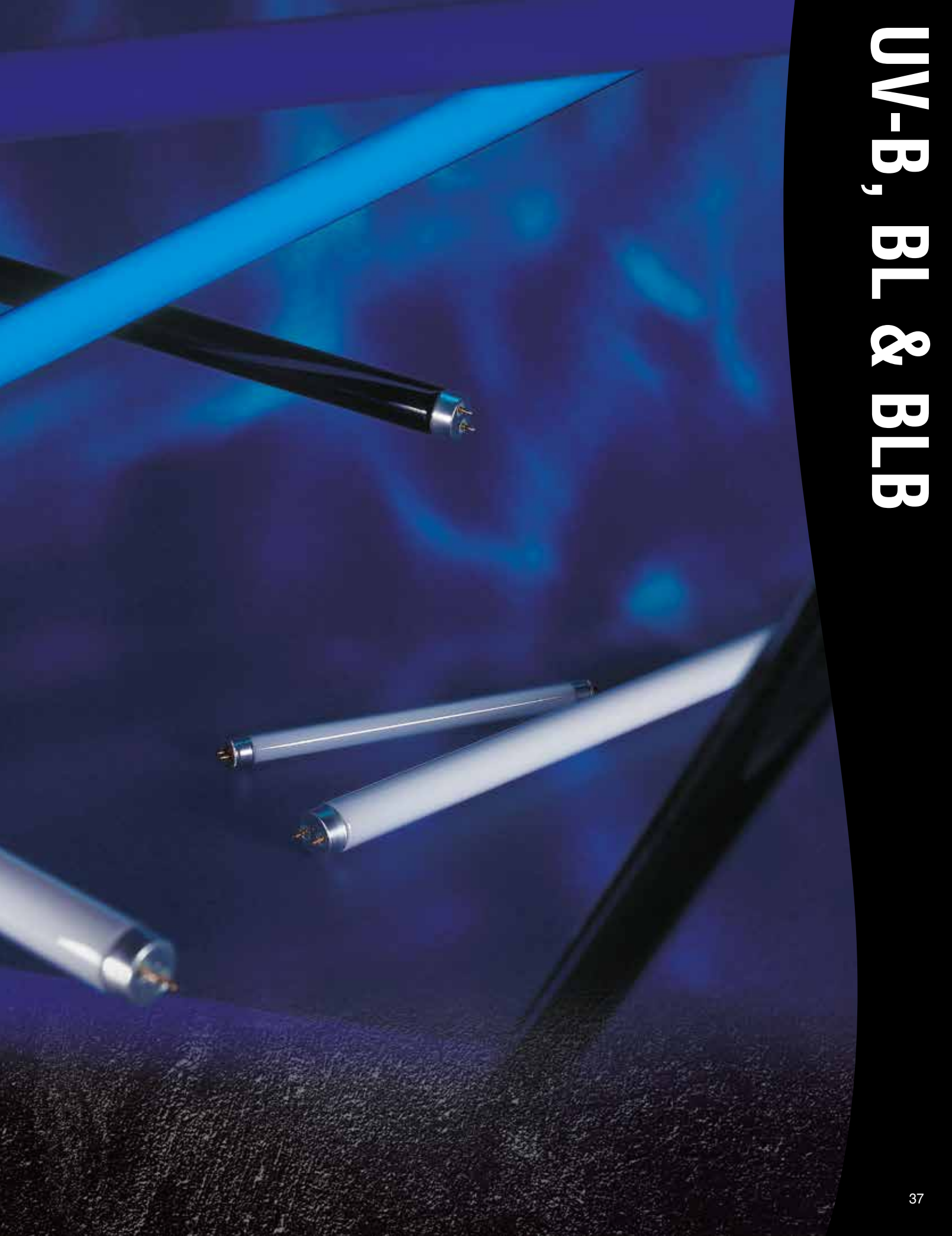


Linear Tube



Double Tube

UV-B, BL & BLB



UV-B, BL & BLB

SPECIAL COATED LOW PRESSURE LAMPS

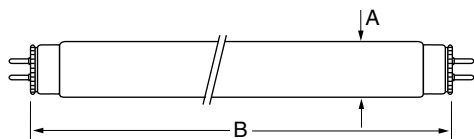
- 3 Wavelength Variations: 306nm (UV-B), 352nm (UV-A) or 368nm (UV-A)
- Special Blended Phosphor Coating for Maximum UV Effect & Output
- Low Mercury Dose to Meet Environmental Demands
- Flexible Custom Lamp Design Capability



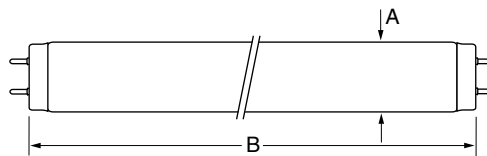
Watts (W)	Ordering Code	Lamp Description	Volts (V)	Lamp Current (A)	Dimensions				Spectral Peak (nm)	UV Output (W)	Avg Life (h)	Base Type
					Dia (A)		Length (B)					
					(mm)	(in)	(mm)	(in)				
UV-B (306nm) Midrange Lamp												
7.2	3000318	G8T5E	57	0.145	15.5	0.61	287.0	11.30	306	1.4	3000	G5
14.7	3000319	G15T8E	55	0.300	25.5	1.00	436.0	17.17	306	3.0	4000	G13
25.0	3000335	G25T8E	52	0.600	25.5	1.00	436.0	17.17	306	3.9	3000	G13
Half Coat (254nm/352nm)												
4.5	3000333	G4T5/HC	29	0.170	15.5	0.61	134.5	5.30	254 / 352	0.4 / 0.2	3000	G5
Blacklight T5 Diameter												
4.5	3000105	F4T5BL	29	0.170	15.5	0.61	134.5	5.30	352**	0.5	3000	G5
6.0	3000110	F6T5BL	42	0.160	15.5	0.61	210.5	8.29	352**	1.0	3000	G5
7.2	3000115	F8T5BL	57	0.145	15.5	0.61	287.0	11.30	352**	1.2	3000	G5
Blacklight T8 Diameter												
15.0	3000077	F15T8BL	55	0.305	25.5	1.00	436.0	17.17	352**	2.6	4000	G13
Blacklight Blue T5 Diameter												
4.5	3000106	F4T5BLB	29	0.170	15.5	0.61	134.5	5.30	368	0.5	3000	G5
6.0	3000111	F6T5BLB	42	0.160	15.5	0.61	210.5	8.29	368	1.0	3000	G5
7.2	3000116	F8T5BLB	57	0.145	15.5	0.61	287.0	11.30	368	1.2	3000	G5
Blacklight Blue T8 Diameter												
9.5	3000305	F10T8BLB	46	0.230	25.5	1.00	330.0	12.99	368	1.5	4000	G13
15.0	3000078	F15T8BLB	55	0.305	25.5	1.00	436.0	17.17	368	2.6	4000	G13
30.5	3000148	F30T8BLB	99	0.355	25.5	1.00	893.0	35.16	368	6.3	4000	G13
Blacklight Blue T10 Diameter												
19.0	3000306	F20T10BLB	58	0.360	32.5	1.28	588.5	23.17	368	3.7	4000	G13

Average lamp life and output measurements taken under laboratory conditions in open air.
Lamps are cycled for 2hrs 45minutes on / 15minutes off when testing life and output.
Lamp data is for reference only. Actual lamp performance depends on system design and operating conditions.

** 368nm available upon request



Miniature Bi Pin G5 Base
T5



Medium Bi-Pin G13 Base
T8 & T10

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Manage in Accord with Disposal Laws. Visit www.lamprecycle.org or call 800.895.8842.

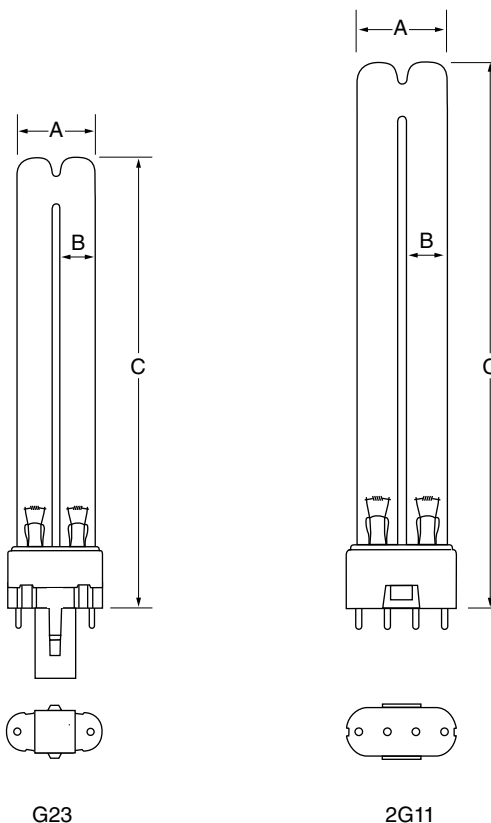
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Watts (W)	Ordering Code	Lamp Description	Volts (V)	Lamp Current (A)	Dimensions				Spectral Peak (nm)	UV Output (W)	Avg Life (h)	Base Type		
					Dia (A)		Dia (B)						Length (C)	
Blacklight Blue, Compact														
9.0	3000325	FPX9BLB	59	0.180	28.0	1.10	13.0	0.51	145.0	5.71	368	1.4	4000	G23
18.0	3000327	FPX18KBLB	58	0.375	40.0	1.57	20.0	0.79	225.0	8.86	368	3.3	4000	2G11

Average lamp life and output measurements taken under laboratory conditions in open air.
 Lamps are cycled for 2hrs 45minutes on / 15minutes off when testing life and output.
 Lamp data is for reference only. Actual lamp performance depends on system design and operating conditions.



UV-B, BLACKLIGHT & BLACKLIGHT BLUE LAMPS

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