


Blacklight blue lamps (BLB)



These lamps efficiently emit near ultraviolet rays at 315nm-400nm which have strong photochemical and fluorescent effects. They are special deep blue filter glass which absorbs visible rays and transmits near ultraviolet rays and two types of

phosphor are used with radiation peak at 352nm and 368nm, respectively. They are used for tests, inspections, examinations, and investigations in various fields, as well as for stage illumination in theaters and nightclubs, advertisements and sign boards.

Type	Lamp	Dimensions (mm)		Shape	Cap(B)	Lamp Current	Wave Length	Ultra violet Output	Average Useful Life	No. 60081 IEC
	Wattage									
	W	Length	Diameter							
F4T5BLB	4	134.5	15.5	Straight	G5	0.162	352	0.4	3,000	1020
							368	0.5	3,000	1020
F6T5BLB	6	210.5	15.5	Straight	G5	0.147	352	0.8	3,000	1030
							368	0.9	3,000	1030
F8T5BLB	8	287	15.5	Straight	G5	0.17	352	1.3	3,000	1040
							368	1.4	3,000	1040
F10T8BLB	10	330	25.5	Straight	G13	0.23	352,368	1.5	4,000	-
F15T8BLB	15	436	25.5	Straight	G13	0.3	352,368	2.6	4,000	2120
F18T8BLB	18	508.5	25.5	Straight	G13	0.37	352,368	3.7	4,000	2220
F20T10BLB	20	588.5	32.5	Straight	G13	0.36	352,368	3.7	4,000	2230
F20T10BLB/RS	20	588.5	32.5	Straight	G13	0.36	352,368	3.7	4,000	5230
F30T8BLB	30	693	25.5	Straight	G13	0.365	352,368	6.3	4,000	2320
F36T8BLB	36	1,198	25.5	Straight	G13	0.43	352,368	8.1	5,000	2420
F40T10BLB	40	1,198	32.5	Straight	G13	0.42	352,368	8.1	5,000	2430
F40T10BLB/RS	40	1,198	32.5	Straight	G13	0.42	352,368	8.1	5,000	5430

Blacklight blue lamps (BLB) have shape, structural, electrical characteristics and lighting circuits similar to general fluorescent lamps used for illumination.

Therefore, ballasts and glow starters used for general fluorescent lamps can be used for black light blue lamps (BLB) of this type.

*1 Total amount of the ultraviolet between 300nm and 400nm.

*2 When the ultraviolet ray output becomes 60% of the initial output (after 100 hours lighting).



General lighting

BLB lighting (Fluorescent illumination)