Special Use Fluorescent Lamps

TOSHIBA

D65 Color Evaluation Lamps

The world's first D65 fluorescent lamp for use in color comparsion and inspection. Because the spectrum distribution closely resembles natural light, including ultraviolet, you can compare ad inspect all colors, including conditions as natural light.

You can use it in places where a high level of color coordination technology is required. It is used in textile, accessories, design, paint, dye, paper pulb and cosmetic industries.

Product Order Code	Color Temp(K)	Watts (W)	Bulb Shape	Bulb Dia (mm)	Bulb Length (mm)	Base	Rated Lamp Current(A)	Initial Lumens (lm)	Average Life (h)	Color Rendering Index(Ra)	Std. Pkg.Q'ty	Color Description
FL20SD EDL-D65	6,500	20	T-10	32.5	580	G13	0.360	700	20,000	98	25	Daylight
FL40SD EDL-D65	6,500	40	T-10	32.5	1,198	G13	0.420	1,800	20,000	98	25	Daylight
FLR40SD EDL-D65/M	6,500	40	T-10	32.5	1,198	G13	0.420	1,700	20,000	98	25	Daylight

Germicidal Lamps

The short wavelength ultra-violet rays emitted from this lamp destroy bacteria, viruses and mold. There is no fluorescent material and the glass tube passes ultraviolet rays freely. A mercury vapor discharge is used to produce 253.7nm ultra-violet rays that are powerfully germicidal. Six types are available. 4, 6, 8, 10 &15 watts.

These lamps are suitable for sterilizing air in hospital operating rooms, department stores, theatres and restaurants. Sterilization of food and water is also possible.

Product Order Code	Watts (W)	Bulb Shape	Bulb Dia (mm)	Bulb Length (mm)	Base	Rated Lamp Current(A)	Average Life (h)	UV Energy (W)	UV Irradiance (μ/cm^2)	Std. Pkg. Q'ty Inner	Outer
GL4	4	T-5	15.5	134.5	G5	0.162	4,000	0.8	8.6	50	1,000
GL6	6	T-5	15.5	210.5	G5	0.147	4,000	1.7	19.0	50	500
GL8	8	T-5	15.5	287.0	G5	0.170	4,000	2.5	27.0	50	500
GL10	10	T-8	25.5	330.0	G13	0.230	6,000	2.7	29.0	20	200
GL15	15	T-8	25.5	436.0	G13	0.300	6,000	4.9	51.0	20	200
GL30	30	T-8	25.5	893.0	G13	0.355	6,000	13.4	130.0	10	100

Warning: 1. Ultraviolet rays (sterilizing ray) emitted from this lamp are harmful; staring into an operating lamp for even a short period of time damage your eyes. Avoid letting ultraviolet rays directly into your eyes, as it causes symptoms similar to conjunctivitis. Also, when it is necessary to view a lamp in operation, be sure to look through a glass plate, thick goggles, or protective mask. Additionally, when working around strong sterilization rays, please cover your arms and face with cloth or apply an oil-base cream.

Note : 1. UV emission intensity is a value measured at a distance of one meter from the lamp.
2. Compare to regular lamps, UV lamps hasten the degradation of resins.

Warning Never expose the naked eye to light from germicidal lamps, whether direct or reflected. Do not expose skin to light from germicidal lamps, either direct or reflected. Even brief expose will result in serious damage to the eyes or skin.

Caution Never use for normal lighting.