

# EYE black light lamps



## PHYSICAL DATA AND CHARACTERISTICS

Type	Watts (W)	Bulb	Base	Std.Pkg. Qty.	M.O.L. (mm)	Lamp		Rated Av. Life (hrs)
						Voltage (Volts)	Current (A)	
H125BL	125	E75	E27	12	177	125	1.15	3000
H250BL	250	BT100	E40	12	250	130	2.13	3000
H400BL	400	BT116	E40	12	292	135	3.25	3000
160WSB/E24-BL	160	E24	E27	12	175	220/230	0.80	3000

### FEATURES

"EYE" Black Light is designed to effectively absorb visible light and emit near ultraviolet rays through a dark bulb of special filter glass.

Using a near ultraviolet phosphor like that used for fluorescent chemical lamps, it produces highly efficient ultraviolet rays.

### APPLICATIONS

- Food Industries: To inspect classification, freshness, harmful mixtures, etc. in food stuffs.
- Metal and Mining industries: To discriminate ores such as uranium, tungsten, etc. and also to detect the defects on the surface of metals and others.
- Textile industries: To analyse the materials in textiles by their unique fluorescent reaction.
- Lighting: Illumination for sign boards, show windows, wall decorations, stages, control boards, etc.
- Reproduction: To utilize the maximum sensitivity to light at 350-400nm, the black light to be used for the effective source of photo-sensitivity
- Insecticidal Use: To ensure the effective elimination of harmful insects because of their sensitive reaction to blue light or near ultraviolet rays.
- Promotion of Photo-Chemical Reaction: To be utilized for the acceleration of photo-chemical reactions such as chloride addition to BHC, composition of artificial rubber, disposal of pulps, etc.
- Discovery of Forgery: To discover the forgery of checks, stamps, documents, etc. and also

SPECTRAL DISTRIBUTION

