

INSTANT START UV LAMPS FOR GRAPHIC ARTS EXPOSURE

USHIO
U-TECH INC.

Metal Halide Gas **GL** Series / Mercury Gas **HL** Series

Instant Start & Instant Stability

Instant Start & Instant Stable features allow you to extinguish the lamp while operating other tasks in the workplace. It prevents a temperature rise of the workplace and allows you to have a comfortable workplace.

Reduced Exposure Time

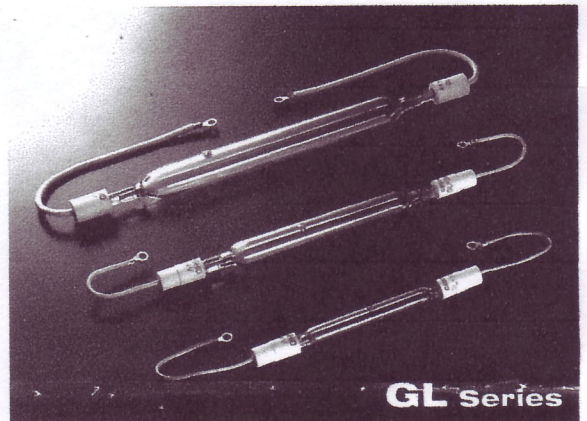
GL/HL's Intensity of UV is powerful compared to other lamps in the market so that you can reduce the exposure time, save the electricity consumption cost, and increase the productivity.

Smooth Operation

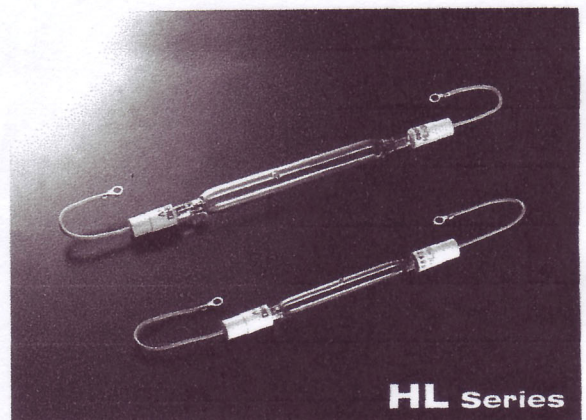
Since the size of GL/HL are identical, you can apply the same lamphouse & ballast to have different sensitive materials exposure with a matter of easy & fast replacement of the lamp.

Ozone Free Lamp

Ozone Free Quarts glass is used.

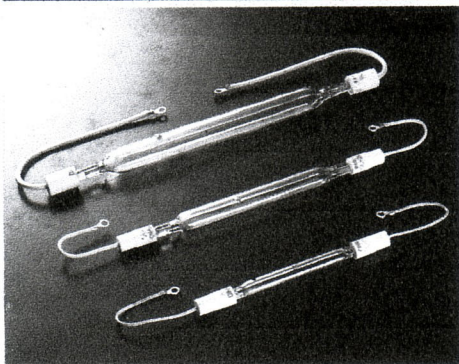


- 1kw, 3kw, and 6kw
- Instant Start & Stable Type
- Metal Halide Gas Discharged Type Lamp (Gallium Mercury Lamps)
- Wave Length : 380~420 Nm
- Application : PS Plate, Diazole sensitive materials
- Forced Air-Cooled Type

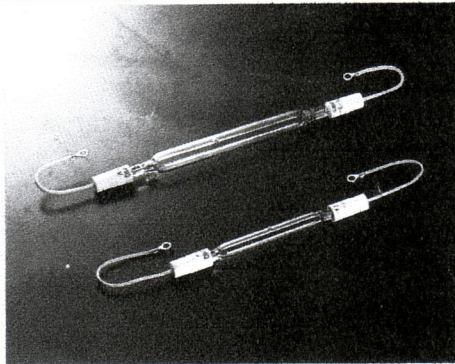


- 1kw and 3kw
- Instant Start & Stable Type
- Mercury Gas Discharged Type Lamp
- Wave Length : 300~400 Nm
- Application : Daylight Film, Dry Film Resist
- Forced Air-Cooled Type

Metal Halide Gas **GL Series**



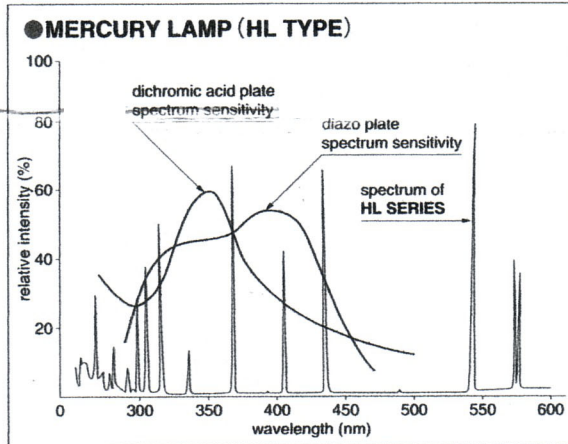
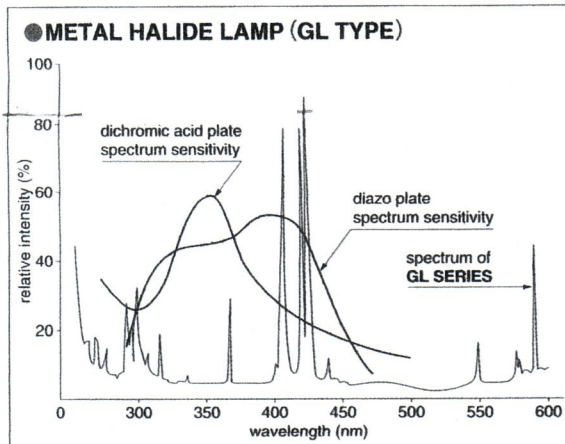
Mercury Gas **HL Series**



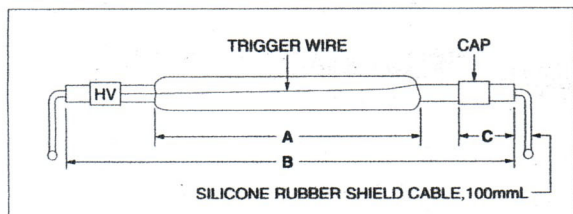
ELECTRICAL CHARACTERISTICS

MODEL	Rated Voltage (V)	Rated Current (A)	Rated Input Power (W)
GL-10201BF	140±15	8	1000
GL-30201BF/E	230 ⁺¹⁵ ₋₁₀	13.5	3000
GL-60201BF/E	420±40	18.0	7000
HL-10201BF	140±15	8	1000
HL-30201BF	230 ⁺¹⁵ ₋₁₀	13.5	3000

LIGHT DISTRIBUTION CHARACTERISTICS



LAMP DIMENSION (GL/HL TYPE)



MODEL	SIZE	A	B	C
GL-10201BF	HL-10201BF	100	187	35
GL-30201BF/E	HL-30201BF	154	270	35
GL-60201BF/E		230	350	30

(mm)

*OZONE FREE TYPE QUARTZ TUBES ARE USED.