HAMAMATSU

SHORT-ARC TYPE METAL HALIDE LAMP 575W L5431

PATENT PENDING

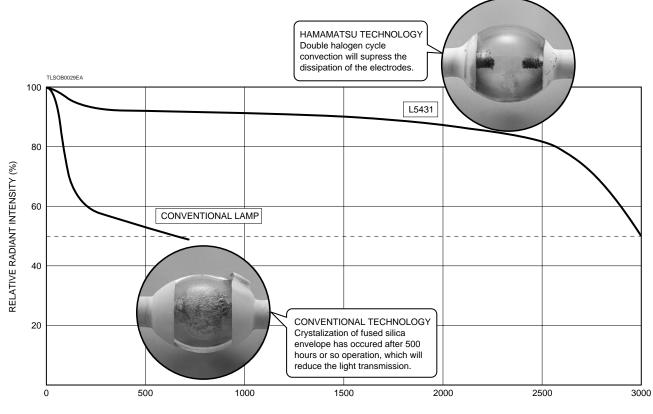
Long Life / 3000 hours

FEATURES

The Short-Arc Metal Halide Lamp, L5431, suited for the light source for projector, has achieved the average life time of 3000 hours. It will enhance the performance of LCD projector and over-head projector (OHP).



LIFE CHARACTERISTICS

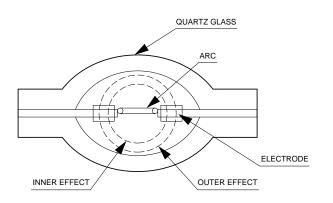


OPERATING TIME (h)

Subject to local technical requirements and regulations, availability of products included in this promotional material may vary. Please consult with our sales office. Information furnished by HAMAMATSU is believed to be reliable. However, no responsibility is assumed for possible inaccuracies or omissions. Specifications are subjected to change without notice. No patent rights are granted to any of the circuits described herein. © 1997 Hamamatsu Photonics K. K.

LONG LIFE MECHANISM

HAMAMATSU has developed a unique technology (PAT-ENT PENDING), called as double halogen cycle, which extends the average lamp life over 3000 hours.



UNIQUE "DOUBLE HALOGEN CYCLE" TECHNIQUE

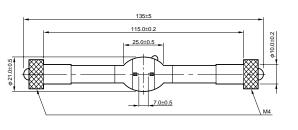
Outer gas convection suppresses the thermal reaction with the fused silica envelope thus protect it from crystallization. It maintains the envelope strength and light transmission even after 500 hours of operation. Inner gas convection assures the metal halogen cycle which minimize the electrode dissipation.

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SPECIFICATION

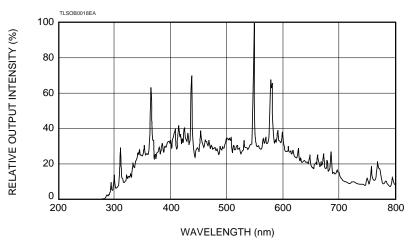
Lamp Power	575 W
Lamp Voltage	AC 95 V
Lamp Current	AC 6.1 A
Luminous Flux	49,000 lm
Luminous Efficiency	85 Im/W
Color Temperature	6,000 K
Arc Gap	7.0 mm
Life (Expectancy)	3,000 hours

DIMENSIONAL OUTLINE (Unit:mm)



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SPECTRAL DISTRIBUTION



* PATENT PENDING: JAPAN 17, USA 4, EUROPE 4

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