

New 4000W continuous output system

Crash Test High Speed Photography Custom Lighting Systems

- High output short arc metal halide lamps supply up to 380,000 initial lumens, continuous output without boost, minimizing the number of fixtures required to provide the specified light distribution pattern.
- Extremely efficient 575W to 4000W (continuous output) short arc metal halide lamps are five (5) times more efficient (lumens/watt) than halogen lamps and dramatically reduce heat transmission to sled and dummies.
- White light with 5500K color temperature and 92 CRI (Color Rendering Index) simulates natural sunlight delivering optimum light for high speed filming.
- Custom fixtures offer optional reflectors beam spreads for Spot; Medium; Flood; Super Flood to ensure the most efficient maximum lighting uniformity.
- Optional shutter systems provide rapid light containment to prevent heating of sled and dummy.
- Proprietary Electronic Ballasts provide flicker-free lighting and reduced EMI noise.



APPLIED OPTICS

**EYE LIGHTING INTERNATIONAL
OF NORTH AMERICA, INC.**
A SUBSIDIARY OF IWASAKI ELECTRIC CO., LTD.

Address: 9150 Hendricks Rd., Mentor, OH 44060
Phone: 888-66-LAMPS Fax: 800-811-7395 E-Mail: sales@eyelighting.com
Phone: (440) 350-7000 Fax: (440) 350-7001 www.eyelighting.com

SYSTEM OVERVIEW:

EYE Lighting / Iwasaki is uniquely equipped to design and manufacture application specific systems including lamps, ballasts and fixtures. Our integrated systems provide unequaled lighting uniformity, optimum light performance and energy efficiency.

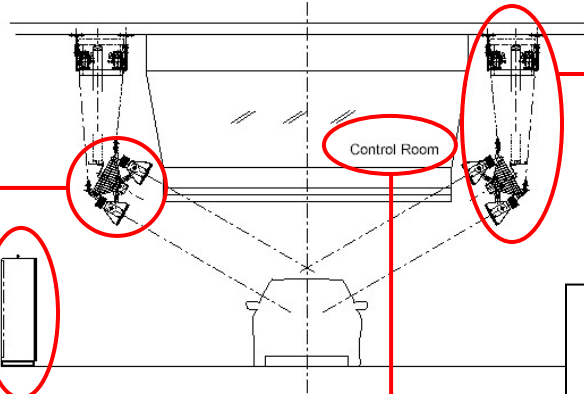
Exclusive Fixture Design

Iwasaki state of the art design, available in Spot, Medium, Flood, or Super Flood reflectors.



Metal Halide Technology

Extremely efficient short arc metal halide lamps are specifically designed for high speed photography applications.



Array Lighting System

Position for optimum light profile; raise / lower, tilt, traverse and rotate. Position can be stored in control "menu" for later recall.



PC Control

Custom MS-Windows based PC control.

- (1) Lighting array positioning
- (2) Light control; individual on/off
- (3) Shutter operation open/close
- (4) Programmable "hot keys"
- (5) Save and load all setup criteria with logical file names.



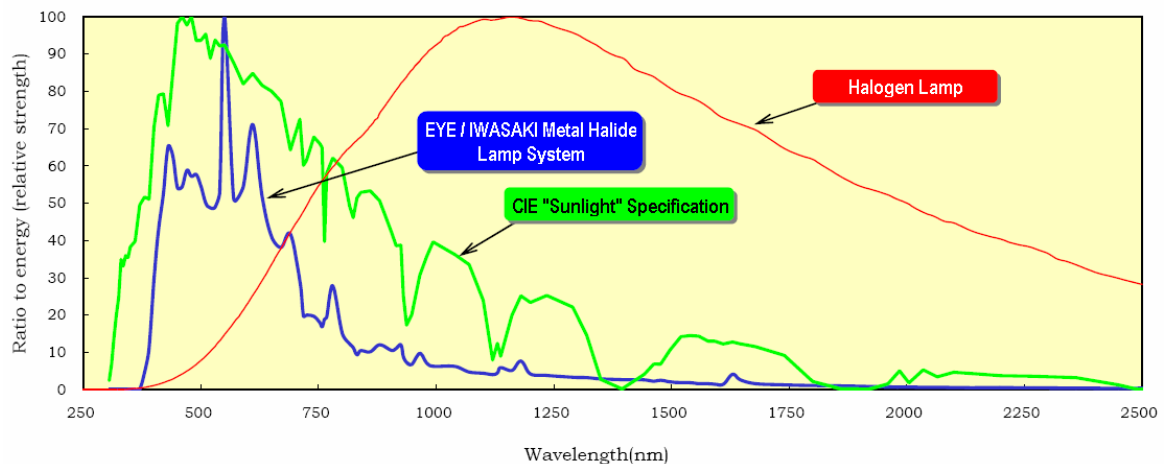
Electronic power source

Custom, flicker-free electronic power sources ensure quality photography. One electronic power source controls the operation of each lamp.



LIGHTING EXCELLENCE:

The latest CMOS camera technology can deliver significantly higher resolutions, light sensitivity, and increased color fidelity. To achieve this, it is essential to replicate natural sunlight as closely as possible. EYE Lighting / Iwasaki short arc metal halide lighting systems were designed specifically for this application and meet Class "A" CIE spectrum standards for sunlight equivalency.



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