◆ SEATTLE SAFETY

IES SyncLamps

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LT-LED

- Synchronization with high speed video
  - Up to 10,000 fps

- Cold light avoids heating of test articles

- 100,000 Lumen per lamp

- 128 individual LED's with lenses per lamp

Quality lighting is an integral part of high speed videography. Lighting that is improperly positioned, provides inadequate illumination, causes excessive heating of test articles or requires large energy sources to are detrimental to many test labs.

IES developed a state of the art LED light, known as the SyncLamp (named after their ability to synchronize with high speed video). The IES SyncLamp provides uniform 100,000 lumen lighting per lamp via 128 individual LEDs, adjustable lamp angle for optimal illumination of test articles, and cold-light technology to reduce heating of test articles.

Available for:
- 3.1MN ServoSled
- 2.0MN ServoSled
- 1.4MN ServoSled
- Conversion Sled

The primary features of the IES SyncLamps include:

- **Synchronization** – Specifically designed IES SyncLamps work to synchronize lighting flicker and camera shutter speeds (up to 10,000 fps) to for continuous lighting during camera use. This reduces the amount of heat put off by the lights during use for a "Cold-Light" output.

- **Efficiency** – Due to the specialized sync capabilities, IES SyncLamps use up to 99% less energy when compared to conventional lighting.

- **No Waiting** - The lighting system is always ready to run. Whether immediately or 20 minutes after your last test the lights will turn on to full brightness every time. There is no warm up or cool down period in order to run your next test.

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IES SyncLamps

Provided by Seattle Safety
- IES SyncLamps
- Wiring between lights
- IES Sync generator
- Frame for lights
- Control System
- Power distribution box
- Installation

Provided by Customer
- Overhead mounting provisions
- Power to distribution box

System Specifications:

Lights	Model	Lumens	Size (cm)
Off-board Light	IES-4432A/B	100,000	53 x 11 x 7
Controller	**Model**	**Number of Lights**	**Size (cm)**
Off-board	IES-4412	Up to 8	21.6 x 10.8 x 4.5
Flicker Free	Up to 10,000 fps		
Temperature	6,500 - 7,000 k		
Exposure Times in Sync Mode	10μ - 500μ		
Time Between Tests	0 seconds		

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