

Yellow Jacket YJ5X



Multi-Head LED Lighting System

High Output LED lighting system designed for High Speed Imaging.



Modular

Cool

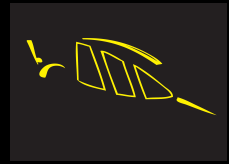
Flicker-Free

High speed imaging requires an intense, flicker-free lighting source. The YJ5X lighting System was designed just for this purpose. Thanks to the valuable input of our customers, we implemented many of the features required in today's testing. The result is a modular system delivering maximum flexibility, flicker-free high-lux output, no radiant heat on the subject, and low input power. These lights can operate for hours on end while remaining cool to the touch. Each LED head is made of powder-coated machined aluminum and will stand up to even the most demanding environments. This efficient design requires a standard AC outlet and draws less than 3 Amps!

Each System is delivered with a 5 Channel Controller, AC to DC power adapter, and all associated cables. Simply choose the number of LED Light heads (up to 5 per controller) and specify the appropriate reflector for your application. Group these lights up for maximum illumination in a very focused area, or space them out for an intense yet uniform area of interest. These lights have been tested at frame rates in excess of 300,000 FPS- making this system optimal for applications such as Ballistics, Airbag, Impactor, Sled testing, Bio-Mech, and Human performance testing.

Specifications on next page

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Multi-Head LED Lighting System



Controller:

Drives up to 5 light heads
User Selectable number of lights
User Selectable output level (Dim Control)
Local and Remote "Run" control
Operates on 24 VDC

LED Heads:

Dimensions (in.): 5.8 long X 4.5 dia

Weight (Lbs): 2.6

Lux Output per light head:

@ 12 in. 369,000 Lux

@ 24 in. 160,000 Lux

@ 36 in. 81,700 Lux

@ 60 in. 30,140 Lux

@ 72 in. 25,260 Lux

Color Temp: 5600 Deg K

Flicker-Free to 300,000 FPS

Included Accessories:

Swivel mounting yoke w/ 5/8" Grip Pin

3 Meter cable

20 deg reflector

AC adapter (90-230 VAC @ 3 Amps)

Optional Accessories:

Cables

0.5 Meter Cable

1.0 Meter Cable

2.0 Meter Cable

5.0 Meter Cable

10.0 Meter Cable

Reflectors:

20 Degree Spot Reflector

28 Degree Medium Reflector

51 Degree Wide Reflector

Applications:

Airbag / Impact Testing

Off-Board Barrier side fill and Photo pit

Ballistics

Human Performance / Bio-Mech

Machine Vision

Yellow Jacket Lighting- A Crash Lab Support product

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