

# DATA SHEET

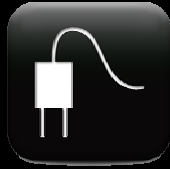


**YELLOW JACKET LIGHTING**  
**MODEL YJ1**

## PHOTOMETRICS



## ELECTRICAL



## MECHANICAL



## GENERAL INFO



### Luminance:

Color Temp = 5600K

Lumens = 300 – 2000 – 2500

Off-to-on time = 10 microseconds

### Optics:

Spot +/- 12 Degree

Medium +/- 16 Degree

Wide +/- 25 Degree

+/- 60 Degree (without optic)

### Output:

Lux @ 6 inches 95,000

Lux @ 12 inches 22,000

Lux @ 24 inches 7,000

Lux @ 36 inches 3,200

### Input Power:

Voltage 20-32 VDC

Current: 1.5 Amps Max

Dim Pin Operation:

Ground off, TTL to 24VDC = On

Cable Length 2 Meters

(Optional Lengths available)

### Connector Details:

Pin 1: Dim (575 mA) – 300 Lumens

Pin 2: + Power 20-32 VDC

Pin 3: Max (2100 mA) – 2500 Lumens

Pin 4: Ground

### Output Control:

Pin1	Pin 2	Lumens
0	0	0
1	0	300
0	1	2000
1	1	2500

### Dimensions:

1.75 x 3.00 inches

### Material:

Solid 6061 Aluminum Hex

### Finish:

Hard Black Anodize

### Weight:

1 Lb

### G Rating:

Crash Rated to 100 G's

### Mounting:

2 Threaded mount locations @ 3/8-16

-or-

Mounting Base w/vertical angle adjust

### Model:

YJ1

### Description:

The YJ1 was designed to solve the need for a crash rated, high-quality, high-output, video lighting source.

### Application:

The High-G rated YJ1 can be used in tight locations where space and temperature are a concern.

### The Technology:

Our built-in proprietary driver circuit and high-output LED will deliver very high levels of 5600K light- without heating up your subject! Run it using your existing on-board power or power it off board with our optional power supply. With a 10 microsecond rise time you can trigger the light via TTL up to 24 VDC. This means you can drive your lights with a digital signal from your DAQ or Camera.

### Contact Details:

Yellow Jacket Lighting is available through Crash Lab Support.  
2781 Brighton Rd . Howell, MI 48843  
www.crashlabsupport.com  
sales@crashlabsupport.com  
Tel. 517-540-6111

