

# HiSLED

High Speed LED  
Illumination System  
Model: HiSLED-1003



Utilizing the latest in LED, optics and strobe controller technology, the HiSLED (High Speed LED Illuminator) provides the ultra-high intensity illumination at the short pulses required to capture non-blurred images of high speed events. Traditionally this required costly high speed cameras with high amount of illumination but now can be accomplished more economically utilizing the HiSLED Illumination System.

## BENEFITS

- Captures images of high speed events
- Ultra bright illumination at short durations
- Ideal for economical camera systems
- Internal high speed controller
- Adjustable pulse width, intensity, duty cycle, trigger polarity and delay
- Proprietary optics for high uniformity

## APPLICATIONS

- Image speed projectile analysis
- Mechanical machine diagnostics
- Military munition / armament analysis
- Web / film inspection
- Container inspection (Cans, bottles, etc)
- Extrusion inspection

## COMPLIANCE



## SPECIFICATIONS

Pulse width	Nanoseconds
Housing	Aluminum
Intensity Uniformity	+/- 15%
Operating Temperature	160°F / 71.111°C Max
Trigger-in	3 - 24 VDC
Illuminance	>1 Million Lux
Lifetime Hours	75,000 Hours
Finish	Black Anodized
Interface	Ethernet
Coverage area	up to 8" x 6"

## HOUSING DIMENSIONS

15" x 12" x 12" / 381mm x 304.8mm x 304.8mm

## CONTACT US

Contact your Metaphase Technologies representative at 215-639-8699 or your local representative for additional details, options, and customizations.