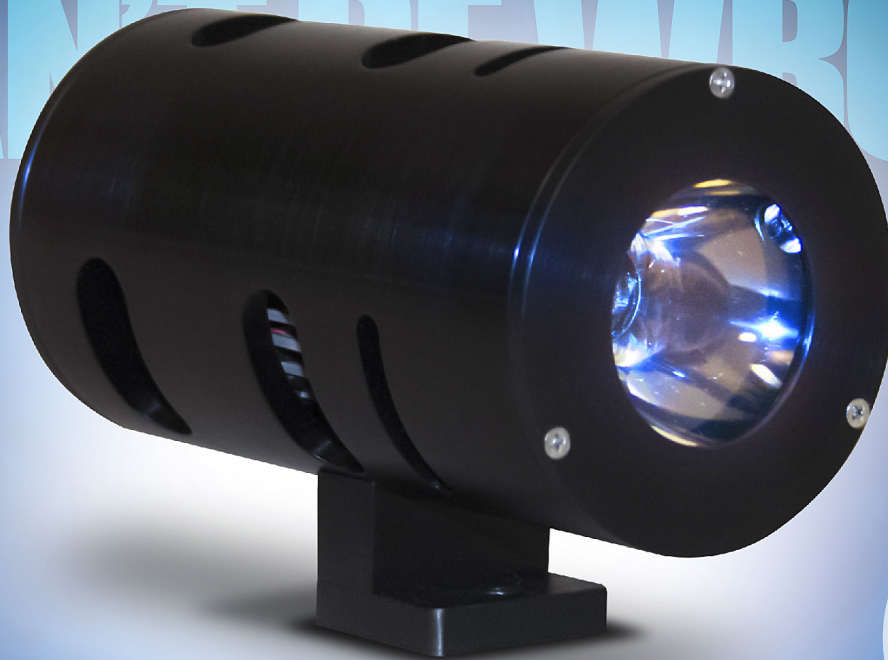


HIGH-INTENSITY HIGH PERFORMANCE CAN'T BE WRONG



2.5"
DIAMETER

Ultra Bright.

VIC Single Ultra-Bright LED Lighting System

Portable illumination system for high-speed & ultra high-speed imaging.

Experience the Invisible.™

Contact us for more information or to schedule a demo today.

HADLAND
IMAGING

West Coast

1414 Soquel Ave, Suite 200
Santa Cruz, CA 95062
USA
phone: 1-408-203-2727
www.hadlandimaging.com

East Coast

10 Park Place, Suite 507
Butler, NJ 07405
USA
phone: 1-862-228-2185

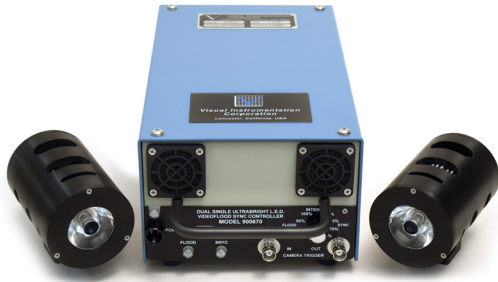


Visual Instrumentation
Corporation

For more information

Call 1-888-43HADLAND (1-888-434-2352) or email, sales@hadlandimaging.com
about ultra high-speed visual, infrared & Flash X-ray imaging solutions.

Visual Instrumentation Corporation on the Web: www.visinst.com



VIC Single Ultra-Bright LED Lighting System with VIC Dual Video Flood Sync Controller

KEY FEATURES

- high light output with low power consumption
- cool illumination with virtually no heat in the light beam
- continuous light & stroboscopic rates up to 50,000 Hz
- modeling light for camera set-up
- long life (more than 25,000 hours)
- extremely low EMI & RFI
- no UV radiation
- universal AC powered input controllers

Tech Specs

VIC Single Ultra-Bright LED (Model 900170W)

Size (w/base), Weight & Mounting

Dimensions (LØH): 4 x 2.5 x 3.25" (10.16 x 6.35 x 8.25 cm)

Weight: 6.5 oz (184.27 g)

Mounting: two 6-32 taps on removable base,
one 1/4"-20 tap

Power

120/240V AC, 50/60 Hz

7.5 A current draw

Performance

Single white Ultra-Bright LED with 17° FWHM lens

1,600 lumens per module

16,000 fc (172,222 lux) peak intensity at 12"

10,250 fc (110,330 lux) peak intensity at 18"

8,200 fc (88,264 lux) peak intensity at 24"

100% continuous duty at full output

VIC Single Ultra-Bright LED Lighting System

Light it up with high-Intensity, high performance LED arrays & controllers designed for high-speed & ultra high-speed imaging from Visual Instrumentation Corporation.

Ultra Bright – Ready for Action.

High-speed and ultra high-speed digital cameras require extremely high light levels for microsecond and nanosecond shutter speeds to capture the action. The **VIC Single Ultra-Bright LED lighting module** paired with **VIC Video Strobe & Flood Controllers** answers the call. This portable, high performance lighting system is designed to meet the demanding needs of US military field & flight testing, R&D laboratory testing, and DIC (digital image correlation).

Ultra-Bright lighting modules are precision engineered with a 17° FWHM lens indexed to the LED, ensuring precise optical alignment. The LED is color correlated to 6,500 °K with a luminosity of 100 lumens per watt. Single or dual modules are powered by a variety of companion video strobe and/or flood controllers with variable luminous output to accommodate modeling light for camera set-up and exposure. Controllers include input/output triggers which can be used to connect and coordinate events for consistent image acquisition for all your high-speed imaging needs.

VIC Video Strobe & Flood Controllers for Single Ultra-Bright LED Module
(all models feature **manual mode**, **flood (continuous) output** & power requirements of 100–240V AC, 50/60 Hz)

Model 900630W Video Flood Controller	Model 900630S Video Flood Single Controller	Model 900630BW Video Flood Sync Controller	Model 900640W Video Strobe & Flood Controller
continuous output	continuous output	camera sync*	strobe output†

approximate size (LWH) & weight: 8 x 6.5 x 2" (20.32 x 16.51 x 5.08 cm) – 3 lbs (1.36 kg)

Model 900650W Dual Video Flood Controller	Model 900660W Dual Video Strobe & Flood Controller	Model 900670W Dual Video Flood Sync Controller
continuous output	strobe output†	camera sync*

approximate size (LWH) & weight: 12 x 6.5 x 4" (30.48 x 16.51 x 10.16 cm) – 4 lbs (1.814 kg)

* frame rates up to 50,000 fps

† stroboscopic duration: 1, 5, 10, 50, 100, 200 & 500 microseconds

**BETTER GEAR.
BETTER RESULTS.**
We've got the gear you need to get the job done right

HADLAND
IMAGING

West Coast

1414 Soquel Ave, Suite 200
Santa Cruz, CA 95062
USA
phone: 1-408-203-2727
www.hadlandimaging.com

East Coast

10 Park Place, Suite 507
Butler, NJ 07405
USA
phone: 1-862-228-2185



**Visual Instrumentation
Corporation**

For more information

Call **1-888-43HADLAND** (1-888-434-2352) or email, sales@hadlandimaging.com
about ultra high-speed visible, infrared & Flash X-ray imaging solutions.
Visual Instrumentation Corporation on the Web: www.visinst.com