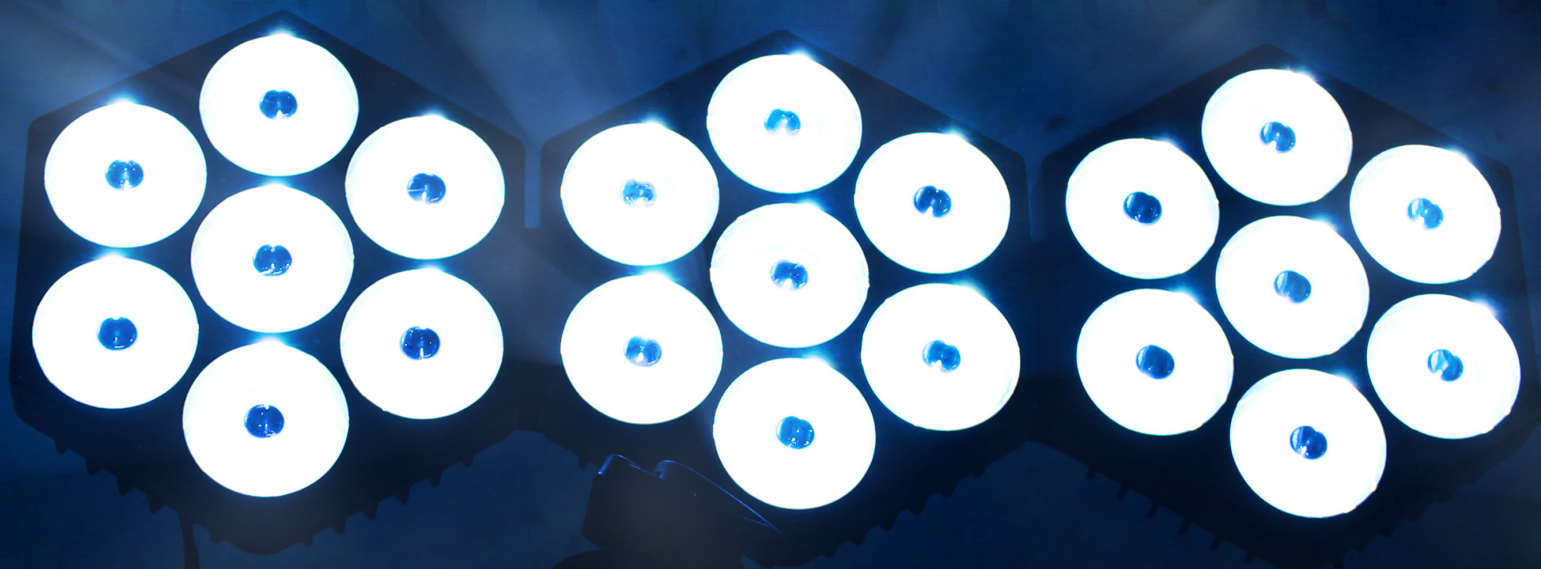


HIGH-INTENSITY HIGH PERFORMANCE CAN'T BE WRONG



Light it Up.

REL SURE-Bright™ Profusion X LED Lighting System

Portable modular 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

REL
 **Profusion X**
LED Lighting

For more information

Call **1-888-43HADLAND** (1-888-434-2352) or email,
sales@hadlandimaging.com about ultra high-speed imaging solutions.

REL, Inc on the Web: www.relinc.net



REL SURE-Bright™ Profusion X LED Lighting System

KEY FEATURES

- unique hexagonal module design
- combine multiple modules in a variety of configurations to form large arrays using integrated mounts
- arrayed modules communicate as a single unit; controlled via multi-mode button or remote
- emitter options in UV, IR, white, red, green, blue, or mixed wavelengths
- clip-on filter plates available in clear protective, clear diffuser, color filtering & polarized
- interchangeable lens holders for close to long range focusing (2–50 feet)

Tech Specs

Size & Weight

WHD: 7.25 x 8.29 x 3.14" (18.41 x 21.05 x 7.97 cm)

Weight: 4.8 lbs (2.17 kg)

Power

AC or DC power options: 120/240V AC or 14–52V DC

160–400 watts per module

Optional Milwaukee M18 battery available

Performance

15,000–46,000 lumens per module

1.3M lux peak intensity at 18"

Waterproof, IP68 rated

100% continuous duty at full output

REL SURE-Bright™ Profusion X LED Lighting System

Light up your high-speed & ultra high-speed imaging with a high-intensity, high performance modular LED lighting system from REL, Inc.

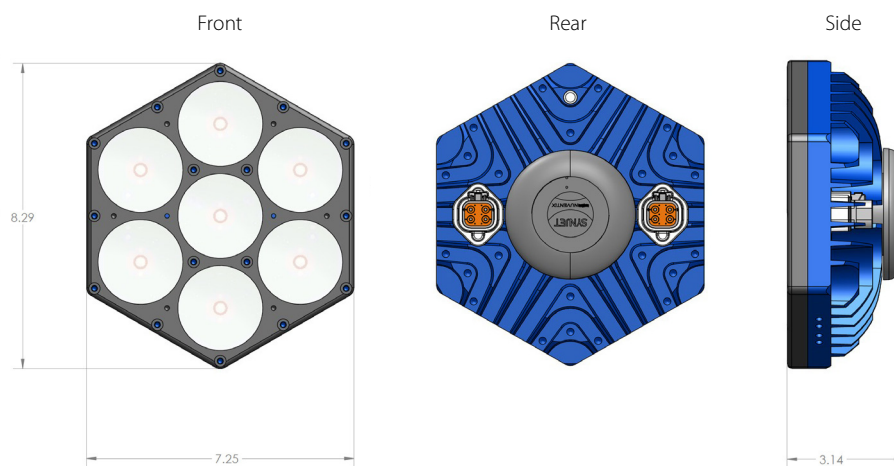
Portable, Modular Illumination – Ready for Action.

REL SURE-Bright™ Profusion X LED lighting modules with their unique hexagonal design are an integral part of an extremely portable and expandable lighting system. Multiple modules can be combined in a variety of arrays to achieve high-intensity illumination necessary for high-speed & ultra high-speed imaging with a continuous duty cycle. This flexibility enables effective illumination to achieve high-quality digital image correlation with a single camera (2D-DIC) or with multiple cameras (3D-DIC). The luminous output is variable from 0–100% to accommodate exposure, sample reflectivity or lens configurations. Profusion X modules include input/output triggers which can be used to connect and coordinate your testing events.

Profusion X LED lighting modules are elegantly designed and precision engineered with seven high-power LED emitters with high-performance lenses. The lens mounting plate allows for focusing light at close and long range distances (2–50 feet). Modules can be mounted on tripods or paired with any camera mounting system*. The high-intensity, high performance continuous light source combined with inherent expandability and focusing, ensures quick setups and consistent image acquisition for all your high-speed imaging needs.

* REL SURE-Bright™ Profusion X LED lighting modules are compatible with multi-camera setups from various manufacturers.

Views & Dimensions (inches)



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