

The KIJI K1 laser devices are **Class 3R** infrared laser illuminators. These devices provide powerful, clear, and consistent laser-based illumination at output powers and beam ranges normally reserved for fully featured Class 3B multi-function aiming-lasers, with the flexibility to adjust the device behavior and available output power modes based on operational requirements.

The KIJI K1 devices comes in two fixed-divergence models. The **KIJI K1 - 3°** produces an approximately 3° beam, and the **KIJI K1 - 10°** produces an approximately 10° degree beam. Both models are paired with an external flip-over diffuser to quickly increase the divergence angle of the beam.

**The Head of the KIJI K1 laser device is compatible with most aftermarket CR123 300 series light bodies and related compatible endcaps.**

**The KIJI K1 devices are flexible tools that can fill a variety of infrared illumination roles including:**

- **Supplemental IR illumination for passive-aiming carbine setups.**

Being a laser-based IR illuminator means the KIJI K1s beams can illuminate at much greater distances compared to IR LED flashlights and have significantly less red-glow signature.

- **Clip-on optic illuminator for precision rifle applications.**

Illumination out to approximately 800m (conditions dependent) with the K1-03.

- **Helmet mounted for interior spill light, breaching, and medical uses under night-vision.**

The KIJI K1s have appropriate low-power levels for interior illumination or highly sensitive night-vision devices, a capability unavailable on existing market IR flashlights.

- **Canopy illumination for nighttime airborne operations or equipment drops.**

The KIJI K1s allow for ad-hoc IR lighting solutions without extensive wiring and installation.

- **Vehicle illumination.**

The KIJI K1s allow for ad-hoc IR lighting solutions without extensive wiring and installation.

### NOMINAL CHARACTERISTICS

Part Number	KIJI-K1-03	KIJI-K1-10
Beam Divergence	3° 1/e (Approx.)	10° 1/e (Approx.)
Included Removable Diffuser	10° 1/e (Approx.)	40° 1/e (Approx.)
Maximum Output Power	150mW	350mW
Output Power Modes	5mW, 15mW, 85mW, 150mW	5mW, 15mW, 85mW, 350mW
Max Laser Class	3R	3R
Wavelength	850nm ± 10nm	850nm ± 10nm

#### All K1 Models

Max Laser Class	3R
Wavelength	850nm ± 5nm
Dimensions (Head Only, Diffuser Down)	2.15" Length, 1.155" Diameter
Dimensions (Kit w/ Pushbutton)	4.45" Length
Weight (Head Only)	
Weight (Kit w/ Pushbutton)	
Submersion	1m for 30 min
Operational Temperature Range	-20° to 50° C
Storage Temperature Range	-40° to 70° C



Product displayed at actual size.

[WWW.BEMEYERS.COM](http://WWW.BEMEYERS.COM)

Copyright B.E. Meyers & Co., Inc. 2021

KIJI is a trademark of B.E. Meyers & Co., Inc.

All data is subject to change and for reference only. v01

**THE PRODUCT DISPLAYED IS SUBJECT TO THE EXPORT REGULATION ADMINISTRATION.**

WARNING



INVISIBLE LASER RADIATION - AVOID DIRECT EYE AND SKIN EXPOSURE TO BEAM  
**850nm 150mW CLASS 3R**

IEC 60825-1:2014

WARNING



INVISIBLE LASER RADIATION - AVOID DIRECT EYE AND SKIN EXPOSURE TO BEAM  
**850nm 350mW CLASS 3R**

IEC 60825-1:2014