

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.**

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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

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)	1.5 oz, 43 g
Weight (Kit w/ Body, Endcap, Batt.)	3.07 oz, 87 g
Submersion	1m for 30 min
Operational Temperature Range	-20° to 50° C
Storage Temperature Range	-40° to 70° C

Complies with 21 CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1 Ed. 3., as described in Laser Notice No. 56, dated May 8, 2019.



Product displayed at actual size.

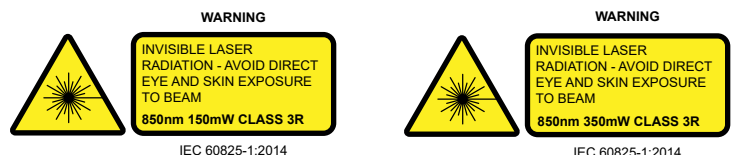
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