

## XLR-IR850

### Long-Range Infrared Illuminator



Armasight's extra long-range infrared illuminators provide greater, image-intensified viewing capabilities for operations in little to no ambient light.

Infrared illuminators are used in areas where the level of natural light is not sufficient. An IR illuminator provides near-infrared light, which, although invisible to the naked eye, can greatly enhance the performance of Night Vision devices. The illuminator features adjustments for field-of-view divergence and output power. Armasight long-range IR illuminators significantly extend the capabilities of Night Vision weapon sights and observation devices.

The powerful XLR-IR850 model comes standard equipped with a rechargeable battery and charger unit. An Optional A-Focal Doubler for XLR-IR850 doubles the distance of IR beam for ultra long-distance observation.

Our infrared illuminators provide wide-range beam angle adjustment, which drastically improves the performance of the IR illuminator and extends the user's nighttime visibility range.



- ⓐ **Powerful, Long-Range Infrared Illuminator**
- ⓐ **High Power, IR-emitting Diode**
- ⓐ **Power Adjustment**
- ⓐ **Wide-Range Beam Angle Adjustment**
- ⓐ **Precise adjustment of beam direction**
- ⓐ **Invisible to the human eye**
- ⓐ **Eye safe**
- ⓐ **Lightweight and rugged**
- ⓐ **Ideal for extreme, low-light conditions**
- ⓐ **Can be mounted on the Weaver rail or used as a handheld device**
- ⓐ **Optional A-focal Doubler for ultra long-distance observation**
- ⓐ **Limited Two-Year Warranty**

IR Emitter Type	LED
Power	1,000 mW
Peak Wavelength	850 nm
Compatible Night Vision Devices	Gen 1, CORE, Gen2, Gen 3, Digital
Illumination Range	Up to 1,000 m
Divergence	4° to 35°
Power Supply	Single 18650 (3.7v ) Rechargeable Battery
Battery Life at 20 °C (68 °F)	- up to 10 hours (1/4 Power)
	- up to 8 hours (1/2 Power)
	- up to 6 hours (3/4 Power)
	- up to 2.5 hours (Full Power)
Environmental Rating	Water Resistant
Overall Dimensions (w/o Mount)	150 x 46 x 46 mm / 5.9 x 1.8 x 1.8 in
Weight (w/o Mount and Battery)	210 g / 7.4 oz