

Next Generation Aiming Laser (NGAL)

L3's NGAL is a rugged, ultra-compact and lightweight system designed to be compatible with all generations of night vision devices. NGAL uses an advanced illuminator design to achieve a more uniform Near Infrared (NIR) illuminator beam for increased situation awareness. High-efficiency electronics support increased system performance at reduced Size, Weight and Power (SWaP).

FEATURES

- Independent aim and Illuminator boresight adjusters
- Co-aligned aiming beams with boresight retention ≤ 0.5 mrad
- Power levels adjustable based on customer requirements

CHARACTERISTICS

Dimensions: 3.6 in. L x 2.0 in. W x 1.25 in. H

Weight: 4.8 oz. with battery

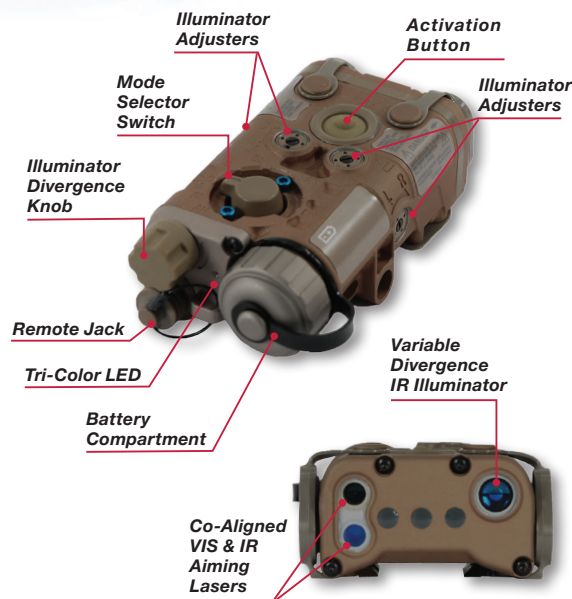
Battery Type: (1) DL123 or AA

Battery Life: 3.5 hrs. in dual high

Visible Aim Laser	Specifications at 25 °C (77 °F)	Safety Class
Output Power Low:	≤ 4.9 mW	3R
Output Power High:	≤ 80 mW	3B
Beam Divergence:	0.3 (± 0.2) mrad	
Wavelength:	635 (± 15) nm	

IR Aim Laser	Specifications at 25 °C (77 °F)	Safety Class
Output Power Low:	≤ 0.5 mW	3R
Output Power High:	≤ 35 mW	3B
Beam Divergence:	0.3 (± 0.20) mrad	
Wavelength:	840 (+15/-15) nm	

IR Illuminator	Specifications at 25 °C (77 °F)	Safety Class
Output Power Low:	≤ 2.7 mW	3R
Output Power High:	≤ 90 mW	3B
Beam Divergence:	≤ 15 to ≥ 105 mrad	
Wavelength:	860 ($\pm 15/-35$) nm	



Shown at Actual Size as Compared to a Standard Credit Card



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