NGAL

Next Generation Aiming Laser (NGAL)

**CHARACTERISTICS**

<table>
<thead>
<tr>
<th>CHARACTERISTIC</th>
<th>DIMENSIONS</th>
<th>WEIGHT</th>
<th>BATTERY TYPE</th>
<th>BATTERY LIFE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>3.6 in. L x 2.0 in. W x 1.25 in. H</td>
<td>&lt; 5 oz. with battery</td>
<td>(1) DL123 or AA</td>
<td>3.5 hrs. in dual high</td>
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</table>

**Visible Aim Laser Specifications at 25 ºC (77 ºF)**

- **Output Power Low**
  - ≤ 4.9 mW
  - ≤ 80 mW
- **Beam Divergence**
  - 0.3 (±0.2) mrad
- **Wavelength**
  - 635 (±15) nm

- **Safety Class**
  - 3R

**IR Aim Laser Specifications at 25 ºC (77 ºF)**

- **Output Power Low**
  - ≤ 0.5 mW
  - ≤ 35 mW
- **Beam Divergence**
  - 0.3 (±0.20) mrad
- **Wavelength**
  - 840 (+15/-15) nm

- **Safety Class**
  - 3R

**IR Illuminator Specifications at 25 ºC (77 ºF)**

- **Output Power Low**
  - ≤ 2.7 mW
  - ≤ 90 mW
- **Beam Divergence**
  - 15 to ≥ 105 mrad
- **Wavelength**
  - 860 (±15/-35) nm

- **Safety Class**
  - 3R

**FEATURES**

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

The L3Harris 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).
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