

### TECHNICAL SPECIFICATIONS

<b>GENERAL SPECIFICATIONS</b>	<b>POWER SOURCE</b>	<b>ENVIRONMENTAL SPECIFICATIONS</b>
Item No.: 12841	<b>Battery type:</b> 3V lithium battery, type 2L76 or DL1/3N.	<b>Temperature range operation:</b> -45°C to +71°C (-49°F to +160°F)
<b>OPTICAL SPECIFICATIONS</b>	<b>Battery life - Day time use:</b> 30 000 h continuous (pos. 7 of 10)	<b>Temperature range storage:</b> -51°C to +71°C (-60°F to +160°F)
<b>Operating principle:</b> Reflex Collimator sight with LED	<b>Power intensity:</b> 4 NVD and 6 Daylight, of which 1 extra bright	<b>Temperature shock:</b> Operable after a temperature shock between -45°C and +71°C (-49°F and +160°F)
<b>Optical magnification:</b> 1x	<b>PHYSICAL SPECIFICATIONS</b>	<b>Humidity:</b> Operable during and after Humidity. Limits: RH: 95%, Temp: +20°C to +50°C (+68°F to +122°F), cyclic
<b>Aiming dot size:</b> 2 MOA	<b>Length sight only:</b> 115 mm (4.5 in)	<b>Submersible:</b> To a depth of 45 m (150 ft.)
<b>Dot intensity:</b> Visible against a background luminance of 0.1 to 55 000 lx	<b>Length conf:</b> 130 mm (5.1 in)	<b>Shock:</b> Withstands shock. Limits: X-axis: 500 g, 0.7 - 1.1 ms (3 shocks), Y-axis: 40g ±4g, 11 ±1ms (2 shocks in each direction, Z-axis: 40g ±4g, 11 ±1ms (2 shocks in each direction).
<b>Optical signature:</b> No optical signature is visible at 10 meter distance, front side, on appropriate settings with NVD	<b>Width sight only:</b> 55 mm (2.2 in)	<b>Vibration:</b> Withstands Vibration. Limits: Vibration, sinusoidal in a frequency range of 10-150 Hz. Frequency: 10-30 Hz, ±1.587 mm, Frequency: 30-150 Hz. 5.75 g, 1 octave/min. Direction: X, Y and Z, Time: 30 min/direction.
<b>Dot color:</b> Peak Wavelength: 655 ± 15 nm	<b>Height sight only:</b> 55 mm (2.2 in)	<b>Chemical resistance:</b> Withstands occasional contamination by weapons cleaners, lubricants, fuels and insect repellents.
<b>NVD compatible:</b> Yes	<b>Height conf:</b> 67 mm (2.6 in)	<b>MECHANICAL INTERFACE</b>
<b>Optical coating:</b> Anti-reflex, all surfaces and high transmission. NVD-Compatible.	<b>Weight sight only (incl battery):</b> 220 g (7.8 oz)	Keyed surface mount: 25
<b>Clear aperture:</b> 23 mm (.9 in)	<b>Weight conf:</b> 330 g (11.6 oz) incl. Lens Covers, Mount, and Spacer	
<b>Eye relief:</b> Unlimited	<b>Housing material:</b> High strength aluminum	
	<b>Housing finish and color:</b> Matte black	
	<b>Housing anodized:</b> Yes	
	<b>Material mount and spacer std conf:</b> Aluminum	
	<b>Material lens cover:</b> Thermoplastic Elastomer (TPE)	
	<b>Surface treatment:</b> Hard anodized, matte	
	<b>Height of optical axis - sight, mount and high spacer:</b> 39 mm (1.5 in) over top surface of Picatinny/Weaver Rail	
	<b>Height of optical axis - sight, mount and standard spacer:</b> 30 mm (1.2 in) over top surface of Picatinny/Weaver Rail	
	<b>Adjustment:</b> Range ±2 m at 100 meters (±2 yds at 100 yds) in windage and elevation, 1 click = 16 mm at 100 meters = 13 mm at 80 meters = .5 in at 80 yds	