



COLT OPTICS

TECH DATA SHEET



CSQ-1 & CSQ-1C

Deliberately engineered through relentless R&D, real-world shooter feedback, and advanced optical modeling to ensure every design choice serves performance in demanding environments. The CSQ uses the largest rifle red dot collimating lens on the market to provide a massive target window - ensuring faster time on target to engagement and minimal 'tube effect' you see in most red dots out there. From precision lens geometry to rugged mechanical construction and disciplined testing, each optic is purpose-built to deliver the clarity, durability, and consistency serious shooters rely on when it matters most.

Large Square Viewing Window

Expansive field of view for faster target acquisition and reduced "tube effect."

Motion-Activated Illumination

Automatically activates the reticle when movement is detected so the optic is ready when needed.

Top-Mounted Controls

Large, easy-to-access buttons allow intuitive brightness adjustments without changing grip.

Rugged 7075-T6 Aluminum Housing

Designed to withstand harsh environments and heavy recoil.





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MAGNIFICATION: 1x

WINDOW SIZE: 32mm x 32mm

EYE RELIEF: Unlimited

RETICLE COLOR: Red

BATTERY TYPE: CR2032

DAYLIGHT BRIGHT: Yes

OVERALL LENGTH: 3"

WEIGHT W/O MOUNT: 8.0oz

BATTERY LIFE MIDDLE (HRS): 50,000h (Dot only)

NUMBER OF DAY ILLUMINATION SETTINGS: 8

NUMBER OF NV ILLUMINATION SETTINGS: 4

ILLUMINATION STYLE: Push Button

BUTTON LOCATION: Top-mounted push-button controls

DESIGNATED NV BUTTON: Yes

AUTO SHUTOFF (HRS): 8

SHAKE AWAKE: Yes

TOTAL INTERNAL TRAVEL (ELEV. & WINDAGE): 80 MOA

TRAVEL PER ROTATION: 25 MOA

ADJUSTMENT VALUE PER CLICK: .5 MOA

TURRET TYPE: Low profile exposed

MOUNTING FOOTPRINT: Aimpoint T2 Footprint

INCLUDED MOUNT TYPE: Cross Bolt Picatinny Lower 1.3 Co-witness

HOUSING MATERIAL: 7075-T6 Aircraft Grade Aluminum

OPERATIONAL TEMP:(-20°F to +160°F) (-29°C to +70°C)

PURGED: Nitrogen Purged and O-ring Sealed

WATERPROOF: 66ft (2ATM)

SHOCKPROOF: MIL-STD Shock Resistance

COLORS: BLACK ■ (R105-101/CSQ-1) COYOTE ■ (R105-102/CSQ-1C)

CSQ MULTIROLE MRAD RANGING & BDC RETICLE RETICLE

DESIGNED TO PROVIDE ALL THE INFO A SHOOTER NEEDS AND NONE OF THE INFO THEY DON'T.

The Colt CSQ-1 Optic features a milliradian reticle designed to simplify the infantryman's employment tasks to improve his target engagement capability and enable his decision making across a local tactical spectrum. The CSQ Reticle allows the rifleman to generate his own target data with regards to a metric measurement range and ballistics to better inform his specific situation and intelligently employ his personal weapon. Using this information, he is better able to prevent waste engaging targets outside of his or the weapons capability. While also allowing him a clear demarcation of his own effective limits and passing along targets to the next higher echelon for prosecution (i.e. Designated Marksman, Crew Served Weapons and Indirect Fires).

