


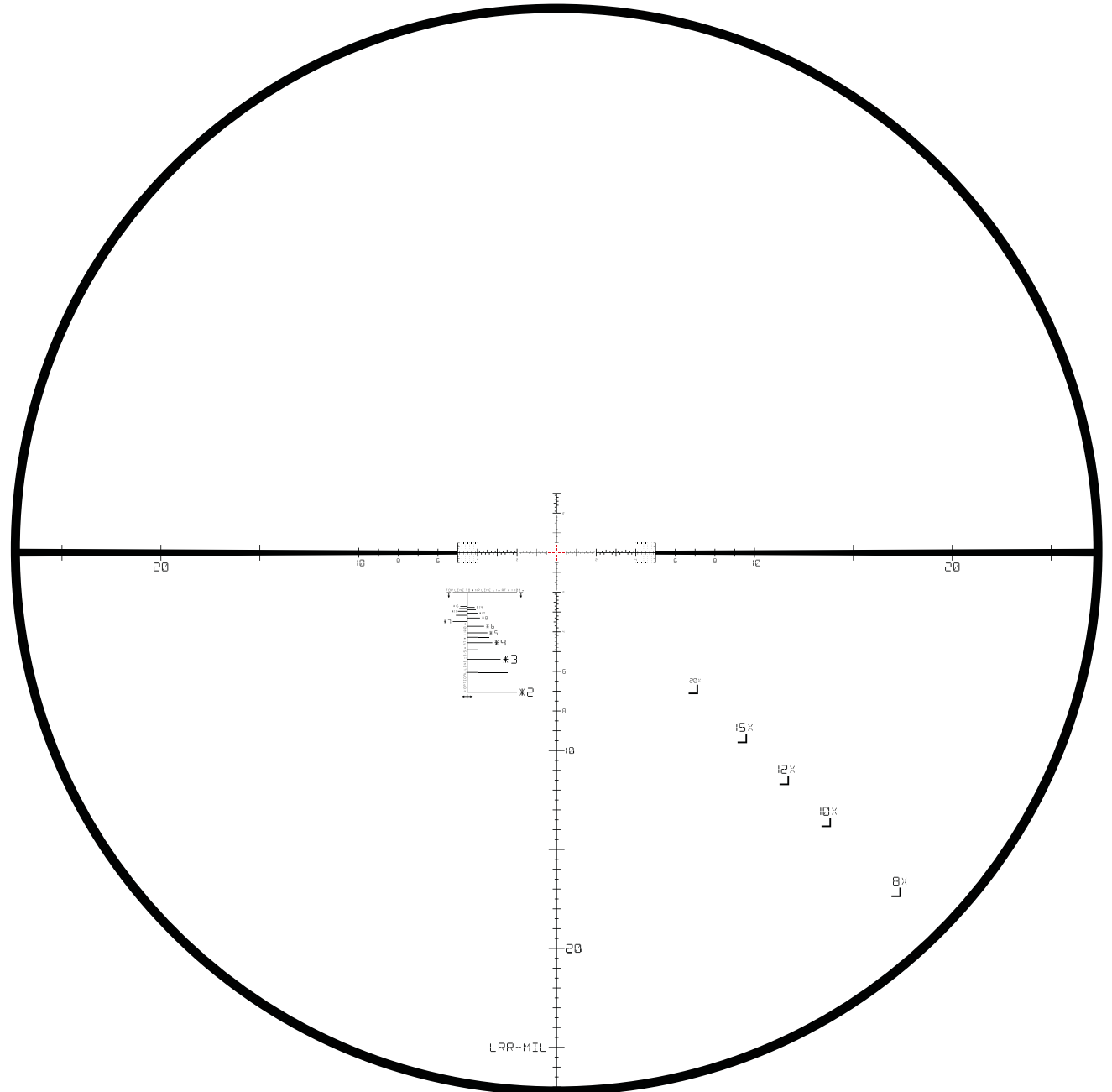
**SCHMIDT  BENDER**

**PRECISION MAKES THE DIFFERENCE!**

**LRR-MIL**

# LRR-MIL

Schmidt & Bender has released  
the newly designed LRR-MIL  
milliradian-based intelligent reticle



### IT WAS DESIGNED WITH THE TACTICAL PRECISION SHOOTER IN MIND

The LRR-MIL is offered as a first focal plane reticle design. It is available in the 5-25x56 PM II, 3-20x50 PM II Ultra Short, 3-27x56 PM II High Power and 5-45x56 PM II High Power. The LRR-MIL is the result of consultation from many respected and proven operators from tactical communities in several countries. The purpose behind the design was to offer an updated, non-cluttered, easy to reference, and more intelligent mil-based reticle with proper aiming and ranging capabilities.

## THE RETICLE CONTAINS THREE MAJOR COMPONENTS IN ITS ARCHITECTURE

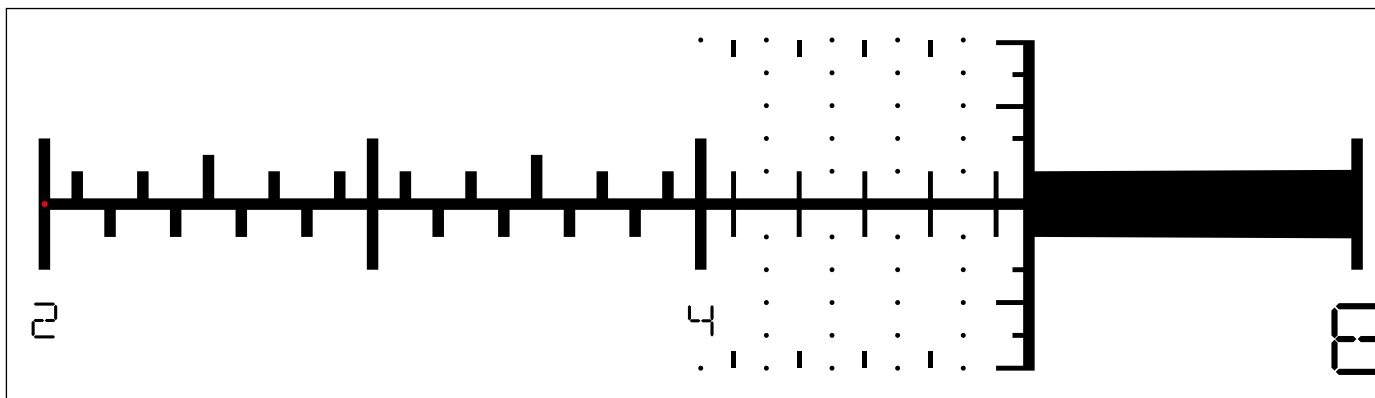
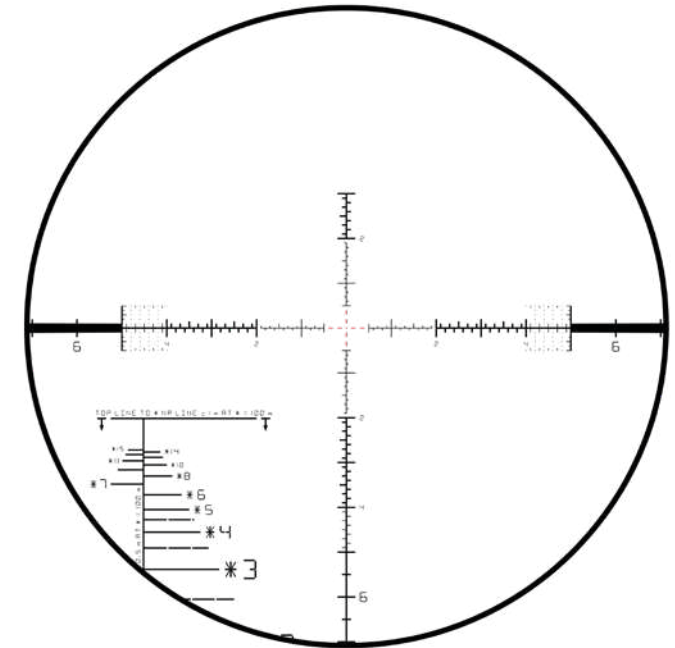
They include the main reticle, the power identification indicator, and the meter and half-meter ranging scale. This is an illuminated reticle, and the center dot and center cross are the only portions of the reticle that illuminate. The reticle's milliradian (mil) math is based upon the metric system, and references 0.1 mil, 0.2 mil, 0.5 mil, and whole mil increments throughout. (Example: 0.1 Mil = 1.0 centimeter at 100 meters AND 1.0 Mil = 10 centimeters at 100 meters).

## EASY CENTERING OF THE TARGET

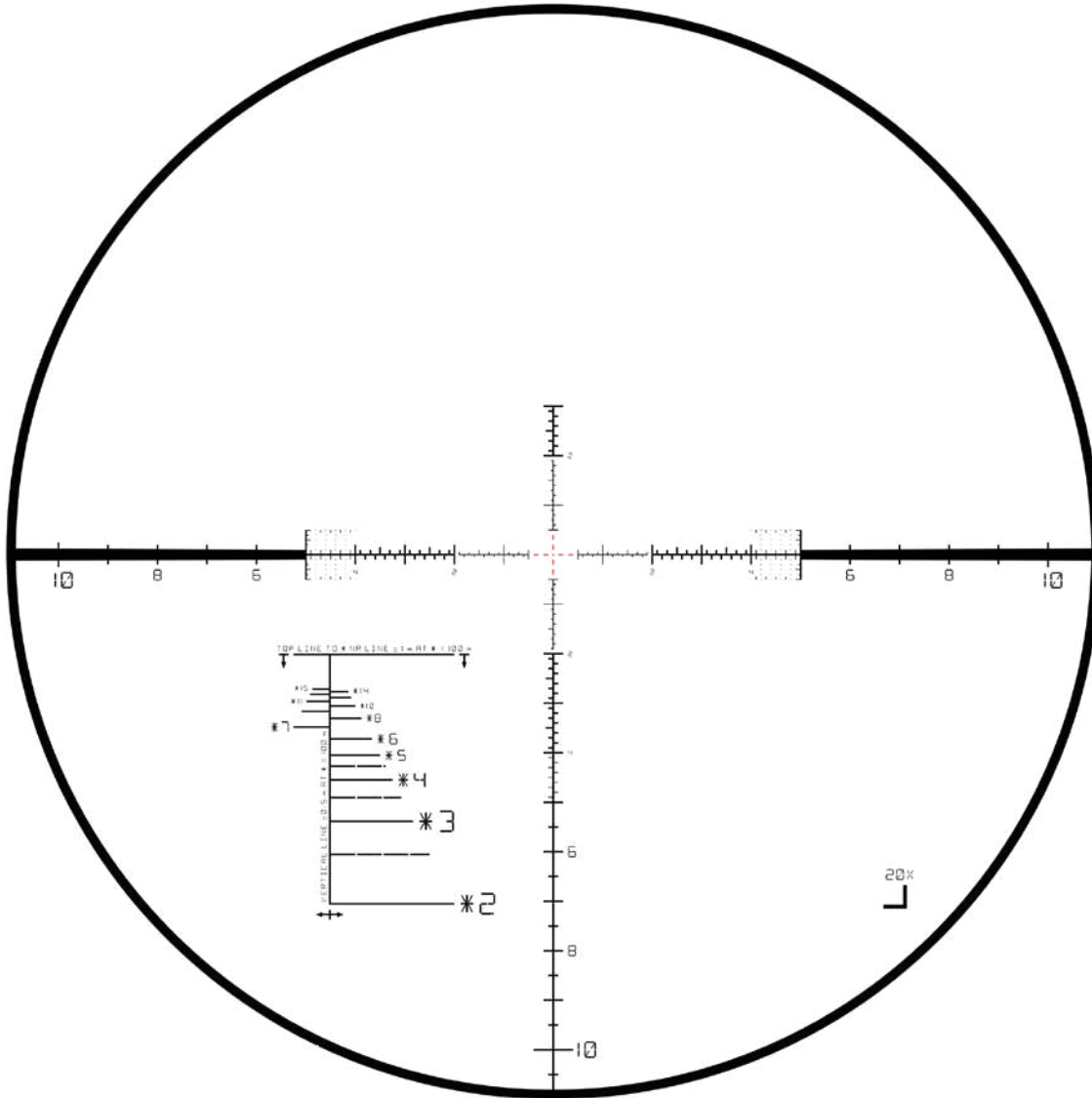
The main reticle incorporates three reference lines from the edge of the field of view at 3, 6, and 9 o'clock positions, which allows for quick and easy centering of the target. The horizontal lines, from 3 and 9 o'clock positions, are represented as **solid bold conical-shaped** line reticles from the edge of the field of view to the 5.0 mil marks, which greatly aids in fast target acquisition in low light or when challenged with shadowed backgrounds. The vertical legs are represented as a single line reticle. The upper vertical leg of the reticle extends above center, towards 12 o'clock, for 3 mils of value, in 0.1 mil increments. The mils are numbered and clearly marked, for easy reference, in even numbers, from 2 - 10 mils, on the horizontal leg and on the lower vertical leg. In addition to this, the 20 and 30 mil marks are also indicated in numerical fashion, with indicators at 15 and 25 mil marks. The center aiming point is an **ultra-fine dot covering just 0.16 cm at 100 meters**, which allows for precise shot placement. Adding to this, the dot is surrounded by an interrupted center cross. The interruptions are 0.1 mil spaced, and aids the shooter in quick ranging or estimating while maintaining the center of the reticle on the primary target. They also serve well for hold-off, hold-over, and hold-under aiming corrections. From the center of the reticle, to the 2.0 mil mark, the reticle is graduated in a 0.1 mil increment scale, and then converts to a 0.2 mil increment scale from the 2.0 mil mark to the 4.0 mil mark.

## FINE GRADUATED RANGING AND ESTIMATING BOX

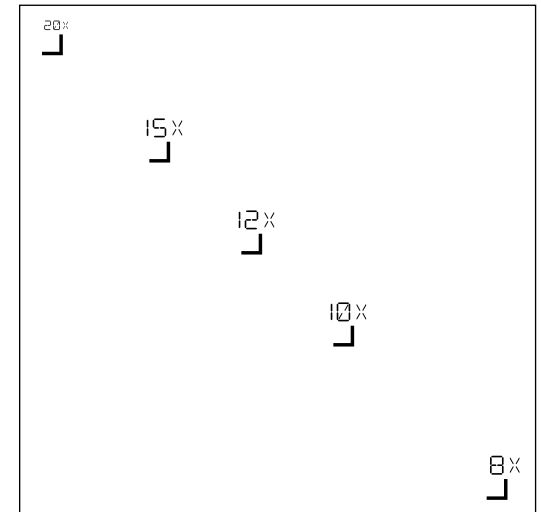
On the horizontal reticle, beginning at the 4.0 mil mark, and extending to the 5.0 mil mark, at both the 3 and 9 o'clock positions, there is a fine graduated ranging and estimating box, consisting of 0.1, 0.2, 0.5, and 1.0 mil graduations for reference. This is for assistance in dealing with very distant or small targets. On the 6 o'clock vertical leg, beginning at the 5.0 mil mark, the reticle has 0.5 mil and 1.0 mil graduation marks down the remaining portion of the reticle.



# NEW RETICLE // LONG RANGE RETICLE - MIL



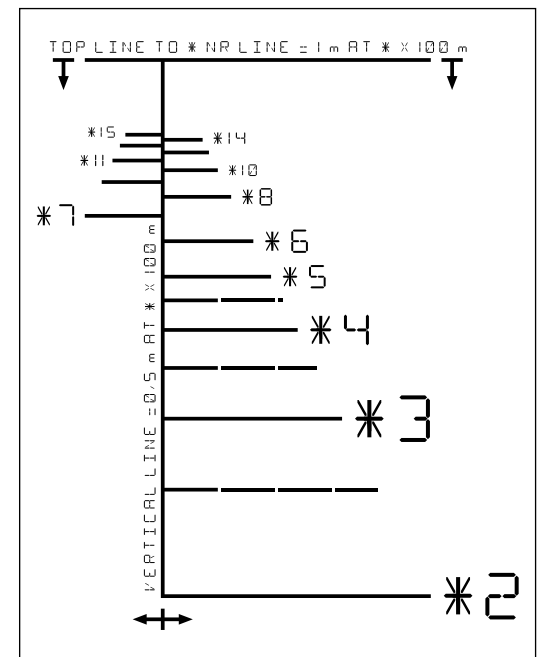
The power identification markings are located at the lower right hand quadrant of the field of view. This is unique and represents a smart, user-friendly design that allows the operator to see which power setting they have the riflescope set to without having to break away from their shooting position. The power setting is indicated by referencing the corresponding number to edge of the field of view, while looking through the scope.



Markings indicate riflescope's power setting

The LRR-MIL reticle has a clean, uncluttered and easy to understand meter and half-meter ranging scale, in the lower left quadrant. This ranging scale allows for a 200 meter to 1500 meter range estimating option.

In support of the scale, Schmidt & Bender has incorporated easy to read instructions along the scale's vertical and horizontal edges. This allows for quick field reference and reduces the learning curve of this feature.



Meter and half-meter scale for range estimation