

Beam Patterns Explained

When it comes to finding the right flashlight, it's all about matching the light to the task. Streamlight's range of gun lights offers specialized beam types: Traditional, High Lumen and High Candela. Each series provides a unique blend of features tailored to different applications.



Traditional Beam Pattern: Designed for versatile, multi-purpose use, these lights offer exceptional value across a wide range of lighting needs.

Performance Characteristics	Traditional Product	
<ul style="list-style-type: none"> • Optimal balance of candela and lumens - the beam pattern most people expect out of a quality flashlight • Very good all-around use, broadest range of lighting applications • Good focus and arc/periphery light • Longest regulated run times 	<ul style="list-style-type: none"> • TLR-1®/TLR-1® s • TLR-2®/TLR-2® s • TLR-3® X • TLR-4® Series • TLR-6® • TLR-7® X Series 	<ul style="list-style-type: none"> • TLR-8® X Series • TLR-9® • TLR-10® Series • ProTac® Rail Mount 1 • ProTac® Rail Mount 2

High Lumen Beam Pattern: Delivers maximum brightness with a wide beam pattern, ensuring full situational awareness. Perfect for illuminating smaller spaces where intense light is essential without requiring long-range reach.

Performance Characteristics	High Lumen Product	
<ul style="list-style-type: none"> • High lumen beam • Maximum illumination within close range • Broader beam pattern with a wider center spot • Shorter regulated run times 	<ul style="list-style-type: none"> • TLR-1 HL® • TLR-1 HL®-X • TLR-2 HL® Series • TLR-6 HL® Series • TLR-7® HL-X sub 	<ul style="list-style-type: none"> • TLR-8® HL-X sub Series • ProTac® Rail Mount HL-X Series • ProTac® 2.0 Rail Mount • ProTac® Rail Mount 1L-X • ProTac® Rail Mount VIR

High Candela Beam Pattern: Delivers powerful, long-distance beams - perfect for down-range applications requiring precision and clarity.

Performance Characteristics	High Candela Product	
<ul style="list-style-type: none"> • High-candela (distance-oriented) beam • Casts bright, tight focused center spot down-range illumination • More light on your target at a distance 	<ul style="list-style-type: none"> • TLR-1® HP • TLR-1® HP-X • TLR-1 HPL® • TLR-7® HL-X Series • TLR-8® HL-X Series 	<ul style="list-style-type: none"> • TLR® RM 1 Series • TLR® RM 2 Series • ProTac® 2.0 Rail Mount HP • ProTac® Rail Mount HP-X Pro