

Maxa Beam Searchlight Range Demonstration

Illumination Range

Maxa Beam Searchlight Range:

- 6,925m (0.25 lux on target)
- 3,500m (1 lux on target)
- 1,325m (6.8 lux on target)
- 1,000m (12 lux on target)
- Visible ranges per *ANSI/NEMA FL1: Flashlight Basic Performance Standard*

This presentation shows a maximum range of 1,325 meters (1,450 yards) due to terrain limitations.



Target Area in Daylight



Target Detail & Map

300m (330 yd)

Maxa Beam set to 1° Spot



Target Detail

300m (330 yd)

Maxa Beam set to $\sim 5^\circ$ Spot



Target Detail

434m (475 yd)

Maxa Beam set to 1° Spot



Target Detail

434m (475 yd)

Maxa Beam set to $\sim 5^\circ$ Spot



Target Detail

480m (525 yd)

Maxa Beam set to 1° Spot



Target Detail

480m (525 yd)

Maxa Beam set to $\sim 5^\circ$ Spot



Target Detail

1325m (1450 yd)

Maxa Beam set to 1° Spot



Target Detail

Motorized Beam Width Adjustment:

Sweep target area with width beam setting...

...and penetrate shadows with narrow beam setting.



Focused Light on Target

*No spill light washing out
the foreground*



Ultra Long-Range Searchlight

*Clearly illuminate targets over
1325 meters away!*

