

# **12,000,000 CandlePower Maxa Beam Searchlight**

Range Demonstration

November 2009

# Equipment Used

- 12,000,000 CandlePower Maxa Beam Searchlight
  - Light set at High Beam (85W) in all Photographs
- Nikon D90 Camera and AF-S NIKKOR 18-200mm f/3.5-5.6G ED VR II Lens
  - 4 sec., f/7.1, ISO 200 (night shots)
  - Full Slide Photographs @ 18mm
  - Inset Detail Photographs @ 200mm

# Note Regarding Range:

*12,000,000 CandlePower Maxa Beam Searchlights  
have a maximum range of 3,500 meters.*

*Due to terrain limitations, this presentation is  
restricted to a range of 1,325 meters (1,450 yards).*





**Target Area in Daylight**





# Target Detail & Map



# 330 Yards

*Maxa Beam set to 1° Spot*



*Target Detail*

# 330 Yards

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



*Target Detail*

# 475 Yards

*Maxa Beam set to 1° Spot*



*Target Detail*



# 475 Yards

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



*Target Detail*

# 525 Yards

*Maxa Beam set to 1° Spot*



*Target Detail*



# 525 Yards

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



*Target Detail*

**1,450 Yards**  
*Maxa Beam set to 1° Spot*



*Target Detail*



## Instantly Adjusts to the Situation

*Sweep Target Area with Wide Beam Setting:*

*And Penetrate Shadows to  
Determine Threat Level with  
Narrow Beam Setting:*



# Illumination Where You Need It

*No Spill Light to Wash out Foreground:*

*Focused Light on Target for  
Aiming & Observation:*



# Long Range Aiming Device

*Clearly Illuminate Targets  
Over .8 Miles Away*



# Conclusion

- The Maxa Beam Searchlight can be instantly adjusted for the situation. A wide area can be swept and specific areas of interest can be targeted with high levels of illumination for further observation.
- The Maxa Beam Searchlight delivers focused light on target without any spill light to wash out the immediate surroundings.
- The Maxa Beam Searchlight is a long range illumination device that can easily illuminate targets at distances over .8 miles away. The Searchlight has a maximum range of 2.17 miles (3,500 meters).