



ULTRA-HIGH INTENSITY, MULTI-PURPOSE ILLUMINATION SYSTEM



NightHunter is designed specifically to enhance the warfighters' ability to quickly adapt to situational needs and broaden mission application. NightHunter delivers the advantage of superior range in covert infrared, visible light and is a long range non-lethal deterrent, enabling our warfighters to see first and act first, with the versatility to quickly adapt to and dominate changing situations at night.



Proven Technology

NightHunters have been proven across full spectrum operations to fill the significant capability gaps in situational awareness and non-lethal capability and save lives, during night and/or poor visibility conditions. In 2005, the US Army Rapid Equipping Force (REF) determined NightHunters to be the "best of breed" product of choice for ultra-high intensity illumination. NightHunters are included in a number of Programs of Record, including Army Non-Lethal Capability Sets (NLCS), USMC Non-Lethal Capability Sets and USMC UHIMIS.

Force Multiplier

The NightHunter is an essential force multiplier that fills light management, situational awareness and non-lethal capability gaps. The system provides warfighters the ability to accomplish tasks more effectively and safely at night.

Versatility

The versatile NightHunter delivers in a single, compact configuration illumination to the effective range of all individual and crew-served weapons while also providing an effective non-lethal (i.e., temporary blinding without permanent eye damage) capability. It provides the warfighter the ability to detect, identify and deter enemy forces, as well as, non-combatants from much longer and safer distances, thereby maximizing the warfighter's area of operations.

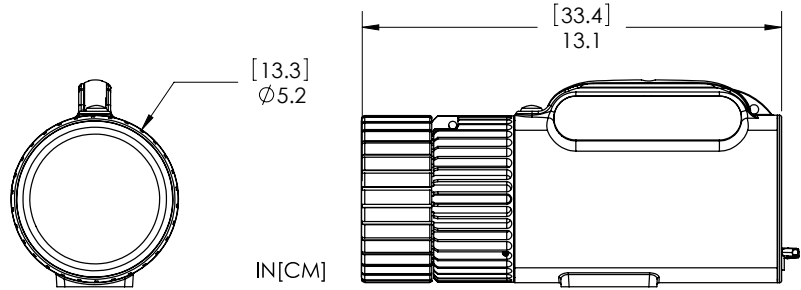
"We 'whitelight' people that are out after dark but not doing any real harm that we can assess. Just to let them know that we see them, and they're not as sneaky as they think they are. We use it to determine if there are wires coming from things to indicate an IED... such as dead animals, bags on the side of the road and newly poured concrete curbstones. We scan the river for intruders, I've lent it out to the watch posts and they don't want to give it back until it dies on them. We've used it for illumination for vehicle repairs, blinding detainees so that they cannot determine who is identifying them as criminal... it's daylight in a box. The Nighthunter isn't valuable... it's invaluable."

Benefits

- **Combat-proven performance**
- **Illuminate targets and threats that would otherwise not have been seen**
- **Elevate situational awareness for soldier teams to move, shoot and coordinate effective fires**
- **Increase identification and engagement ranges**
- **Safely project combat power**

Operational Features

- Long range covert infrared illumination capable of illuminating targets to the effective range of individual soldier & crew-served weapons (1,600 meters).
- Long range visible (white) illumination capable of illuminating targets to the effective range of individual soldier & crew-served weapons (2,400 meters).
- Non-lethal deterrent to 500 meters for non-lethal & escalation of force.
- Variable beam that allows the field-of-view to be widened for close operations and narrowed for maximum effective range allowing the user to tailor the size of the observation area.
- Uniformly illuminates target area without darkened areas within the beam pattern (i.e. no "black hole") over entire range of beam spreads, allowing targets to be quickly detected regardless of where in the illuminated area they are (prevents enemy exploitation of dark or poorly illuminated sections in the covered area).
- Self-contained with rechargeable battery & built-in charger; or operates directly from all military DC power (24 VDC vehicle power, BA-5590) to allow operation on the move (without the need for additional ancillary equipment).
- Turns on & off instantly without any minimum operating time
- Lightweight (6.1 lbs).
- Field-replaceable lamps (no tools or no postinstallation adjustment).



Maximum Range ⁽¹⁾ , visible, meters	2,400
Infrared, meters	1,600
Range of Focus	0.5 to 10° (½ beam angle)
Black Hole	none
Focus	mechanical w/spot & flood stops
Minimum Runtime	
- Rechargeable Battery Pack (+/-7%)	60/90 min
- Non-Rechargeable (BA-5590)	2.5 hours
- External DC Power	indefinite
Maximum Charge Time	3 hours
Input Power (DC)	12-32 VDC
Input Power (with AC/DC converter)	100-240VAC
Battery Life (Rechargeable)	500 cycles
Lamp Type	65w xenon short arc
Lamp Life	>500 hours
Cold/Hot Starting, Restarting	instantaneous
Field Replaceable Lamp	yes
IR Filter	absorbing filter glass tempered 0%@800nm/50%@850nm
Immersion (Mil Std 810F)	1 meter
Drop and Shock Resistance (Mil Std 810F)	3 ft [0.91 m]
Prolonged Contact, Bare Hand (Mil Std 1472F)	yes
Operating Temperature - Discharging	-20-60°C
- Charging	0-45°C
Length (no IR)	13.1" [33.4 cm]
Diameter	5.2" [13.3 cm]
Weight (with illuminator, battery, no IR)	6.1 lbs [2.8 kg]
Workmanship	ANSI/IPC-A-610C, Class 2
Finish	Mil Spec 8625 Type III Class 2 Black
⁽¹⁾ Subject to atmospheric obscuration	