

# ATLAS BEACON IR

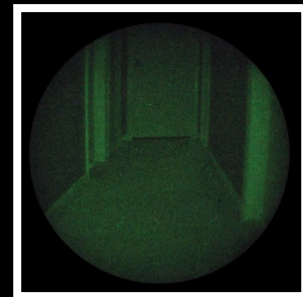
"ENHANCING SURVIVABILITY"

## PRODUCT OVERVIEW

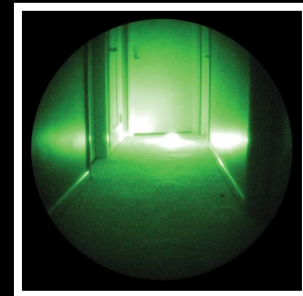
The Atlas Beacon IR™ light is a consumable, multi-purpose infrared illumination and marking device. It's ideal for location or object marking, area illumination, signaling, and identification during low-light operations with night vision equipment.

An innovative time-delay activation cycle prevents accidental illumination discharge, and it also allows you to activate the device and toss it to a location prior to it lighting up. This gives you the option of staying dark and covertly deploying an IR light source when there is the possibility that the enemy might be equipped with night vision systems as well.

A hands-free sling enhances versatility by facilitating quick and secure attachment to countless surfaces and objects, including PALS webbing, loop fabric, carabiners, doors, railings, branches, etc. In addition, hook tape is integrated into its design, meaning adhesive-backed loop tape can be paired to it, making it possible to temporarily attach the light to flat inclined or overhead surfaces.



BEFORE



AFTER



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# PRODUCT DATA SHEET

## ATLAS BEACON IR™



### SALIENT CHARACTERISTICS

- Innovative time-delay activation cycle enables covert deployment of device, and also prevents inadvertent mode change from impacts, etc.
- Highly-versatile hands-free sling design incorporates a D-ring, hook tape, and a detachable shock cord lanyard for quick attachment to countless surfaces and objects.
- Continuous Run Time: 14+ days (336+ hours)
- Modes: Steady-On, Off
- Provides 360° of Illumination
- Visibility: Up to 1 mi (1.6 km) Away in Clear Conditions
- Operating Temperature Range: -22°F to +140°F (-30°C to +60°C)
- Waterproof Depth: 200+ ft (60+ m)
- Buoyant
- Clear tactile on/off button makes it easy to use and identify in any environment.
- Shelf Life (Battery): 8 years (from Date of Manufacture)
- Durable, Impact-Resistant Construction
- Compact and Lightweight
- Intrinsically Safe
- Non-Toxic
- Designed and Manufactured in the USA

### TYPICAL APPLICATIONS

- Covertly illuminate rooms, tunnels and areas with IR light when traditional means are not desirable, sufficient or possible.
- Designating/Marking Personnel, Equipment, Locations, Trails, Routes, Objects or Hazards
- Combat Clearance, Deconfliction, Signaling
- Distraction Device against Night Vision Equipped Enemy

Scan the QR code at the top right corner of this page to visit our web site for product videos, photos and additional information.

### ACTIVATION

- Press on/off button for a couple of seconds until a red indicator light turns on. The device is entering its activation cycle—release pressure from the button.
- After a moment, the red light will turn off, indicating the IR LEDs will activate in approximately eight seconds.
- Once activated, the device will remain on until it is deactivated or the battery expires.

### DEACTIVATION

- Press the on/off button for a couple of seconds until a green indicator light turns on. The device is deactivating—release pressure from the button.
- After a moment, the green light will turn off, followed by the IR LEDs shortly thereafter.
- Once the device is off, it can be reused an indefinite number of times for as long as the battery has power.

Patent # US 8,519,369 B1

SPECIFICATIONS
<b>PRODUCT NUMBER: AB-MLE-IR-D (00510)</b>
<b>GENERAL INFORMATION:</b> Beacon Size: 1.54 in (39.0 mm) Diameter Total Weight: 1.42 oz (40.3 g) with Attachment Sling Power Source: CR2450 Lithium Coin Battery (Non-Replaceable) Illumination Source: GaAIAs IR LEDs (880 nm)
<b>SHELL PROPERTIES:</b> Material: Thermoplastic Elastomer Hardness, Shore A ASTM D2240: 30 Color: Colorless / Translucent
<b>ACTIVATION / DEACTIVATION:</b> Method: Compression Switch Operation Force: ~ 2 lb (0.9 kg) Time-Delay: Refer to Operation Details Above

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