

# NightFINDER™ Products

**Searchlight and Thermal (IR) Camera on same Platform!**



**25 Million Candlepower 350 Watt Xenon Searchlight Pictured above!**

NightFINDER™ 350

Model #: XY3EDE-24ARF3 -NF14400X-12  
With Custom Cables shown above

## Features

- **Integrated Searchlight**... Add the Thermal Camera Option to any of Carlisle & Finch's high quality Searchlights (Xenon or Halogen!)... providing 1 to 4 Mile Visibility
- **Integrated Thermal Imager (IR)**...Range of detection 1000 to 2000 Feet (depending upon heat signature of object and environmental conditions)
- **Speed Control**... Beam/Camera can be aimed at various speeds with a proportional speed controller.
- **Camera Anti-icing Heater**...prevents ice build-up on camera lens in cold climates
- **Position-Indication (optional)** console panel displays horizontal aiming position in degrees.
- **Base Anti-icing Heater (optional)**... prevents ice build-up on Base in cold climates.
- **Upside Down Mounting (optional)**... saves mounting space (offered on certain models-only)
- **Outdoor Weatherproof Controls**

## Application Description

The Carlisle & Finch Co invented the world's first high intensity searchlight in 1894, and FLIR® pioneered the development of Advanced Thermal Imaging technology. These two companies have combined forces, in providing the Marine World's first complete surveillance system. By integrating a searchlight and thermal camera within the same compact design, you will achieve the following: **"Save Money"...** **"Increase Safety and Security"...** and **"Save Mounting Space"**.

The integration of high intensity light with thermal imaging, provides a powerful and strategic synergism! The thermal imager will detect images covertly, in total darkness. Since the searchlight is already aimed precisely at the same image which resides on the screen, the image can be instantly illuminated and identified, by simply activating the searchlight switch. If the camera covertly detects a potentially dangerous intruder, the high intensity light will instantly "blind the intruder", with a powerful non-lethal force, and deny him his night vision. The U.S. Coast Guard and U.S. Army have used these technologies in this same strategic manner for many years!

### Searchlight Specifications

Xenon Option:

- 25 Million (350 Watt)
- 45 Million (500 Watt)
- 80 Million (1000 Watt)

Halogen Option:

- 1.5 Million (12-inch)
- 3 Million (15-inch)
- 4.5 Million (19-inch)

### Thermal Camera Specification

- Sensor: 320 x 240 uncooled
- Field of View: 36° x 28°
- Temp Range: -40°C to +80°C
- Video Signal: NTSC
- Input Voltage: 12VDC
- Power Consumption: 2W



**"Marine and Security Lighting for over 115 years!"**

**[www.carlislefinch.com](http://www.carlislefinch.com)**