

Line-Scan 36LS

SWIR Line-Scan (Short-Wave) IR Illuminator



SWIR Line-Scan - 1450nm IR LED Illuminator

Line-Scan with 1450nm short wave IR is designed for use with SWIR Cameras and sensors to detect defects in objects in sorting, inspection and other machine vision applications. Short Wave Infrared light in the 1450nm wavelength is ideal for detecting moisture content, and other differences in objects not visible with other light wavelengths.

Easy Integration and Control

Seamless and precise integration via input output (I/O) ports. Input/Output (I/O) Port Sync with camera or other I/O port devices. Linear form is ideal for line-scan applications and can be mounted in multiple ways to adapt to specific applications. Line-Scan SWIR Lights also feature a 0-10V analog dimming port for light intensity control.

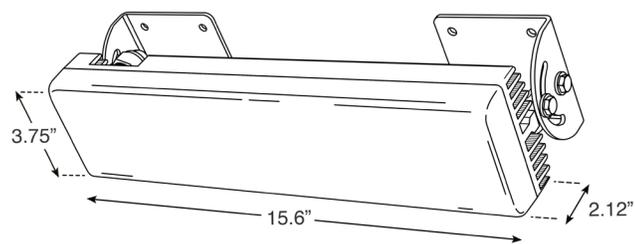
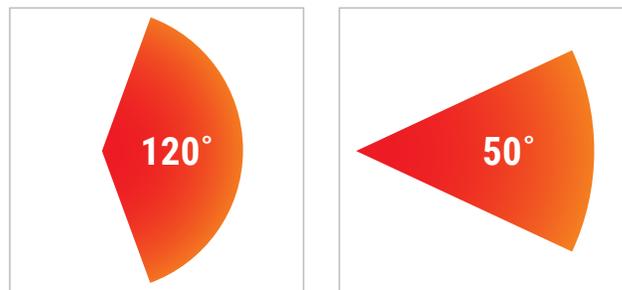
Lifetime Warranty - Made in the USA

Covered by a lifetime warranty with advanced replacement. All AXTON lights are designed and manufactured in the USA.

Features

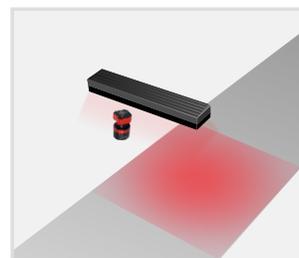
- 1450nm* SWIR (short wave infra-red) LED
- High Intensity LED SWIR Line-Scan Light
- I/O Port Sync with Camera, Devices
- Analog Dimming (*external 0-10V required*)
- Environmental - IP67 Rated
- Designed & Manufactured in the USA
- **Lifetime Warranty**

Angle Options

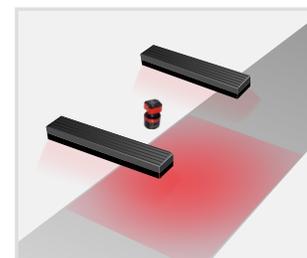


Specifications

Wavelength IR	1450nm* Infrared
Input Voltage	24 VDC
Power Consumption	36 Watts
Analog Dimming	external 0-10V required
I/O Port Sync	Sync with Camera/ Devices
Angle Options	50° or 120°
Operating Temperature	-58° to 140°F / -50° to 60°C
Dimensions	15.6" x 3.75" x 2.12"/396 x 95 x 54mm
Weight	6 lb /2.7kg
Environmental	Outdoor IP67 Rated
Mounting	Mounting Brackets Included



Application Example



Modular Design
Two Unit Combination Example

* Other Short Range IR Wavelengths Available, contact us for more information.

