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Applied Optical Technologies

INDUSTRIAL

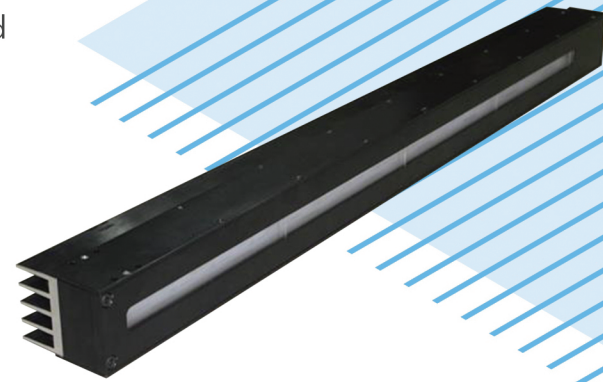
An ISO 13485:2016 Certified Company

Line Light Illumination

LumieLine light features powerful, uniform, thin line light for higher performance and better inspection results using Line scan cameras.

Our Customised Robust, Reliable, Temperature and mechanically stable, with built in diffuser offers uniform intensity Light. LumiLine project its light at a lower divergence angle which allows longer working distance.

LumieLine is an ideal illumination system for inspection of materials flat & wide form factor during their production. LumiLine has also been designed for consistent illumination in very high temperature environments.



Features:

Illuminance: Up to 2,00,000 @ 160 mm (blue light)

Available module length: 200mm to 1000mm in steps of 200mm

LED colors: Warm white, Cool white, Red, Blue

Cable length: 2.5m to 5m

Operating Temperature: 0 to 60 degrees

Cooling: Passive cooling, Water cooling, Fan cooling

Features: Thermal management
(Thermal cut off at 60°, overhear alarm)

- Mil spec connectores
- Independent intensity control of modules of 200mm (optional)

Housing and mounting: Easy mounting and integration

▶ Controller:

Input voltage: 220V AC

Output: current controlled outputs.

Features:

- Overheat alarm
- Temperature monitoring (optional)
- Independent intensity control of 200mm modules for better line light calibration (optional)

Controlling: Manual control OR Control from PC over Ethernet OR Control from PLC over RS485

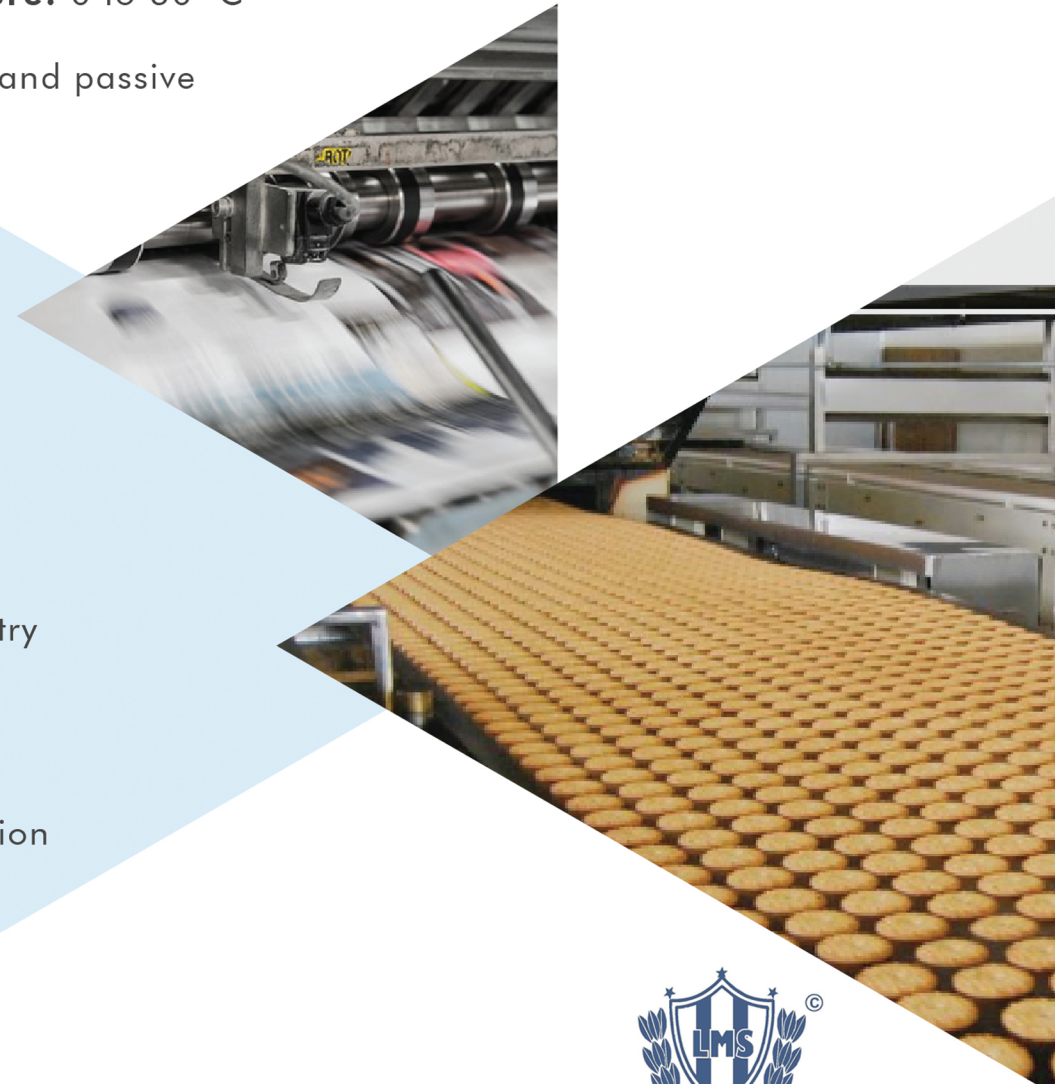
Protection class: IP 40

Operating temperature: 0 to 60° C

Cooling: Fan cooling and passive

▶ Applications:

- Print Inspection
- Surface Inspection
- Document Scanning
- Food Inspection
- Steel Inspection
- Semiconductor Industry
- Measurement and Quality Control
- Web Inspection
- General Machine Vision
- Sorting Processes



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