



Light is vision.

Lighting Systems for Machine Vision

In realizing an image processing solution the proper choice of illumination for the test specimen is the determining factor when it comes to the image pickup and subsequent evaluation of the image. Certain test characteristics or errors can only be evaluated using image processing software if they are first visualized with sufficient contrast. This task sounds relatively simple, but does, in fact, pose one of the main difficulties in image processing.

With Volpi lighting systems you will achieve valuable competitive advantages:

- Improve product quality
- Increase productivity
- Reduce costs involved with manual inspections
- Increase customer satisfaction

Applications:

- Identification & Reading
- Track & Trace
- Surface Inspection
- Robot Guidance (Pick & Place)

Technical Expertise:

- OEM custom illumination (especially light lines)
- LED & Fiber Optics
- Spectrum: UV, VIS and IR
- Intensity & Homogeneity
- Thermal Management
- Industrialization





Light is vision.

OEM

OEM Systems

Exclusive and custom made OEM lighting systems

» [OEM Solutions for Machine Vision](#)

PRIVATE
LABEL

Private Label

Your company logo on our product

» [Volpi Private Label](#)

STANDARD

Standard Products

Please visit our online catalog for further information on our standard illumination systems

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