



LIGHT SOURCE UNIT



Big Upgrade

Brightness increased profoundly, provides the highest brightness in the market at 8M Lux

High Unit Density Luminous Flux

Even small diameter light guide (e.g. 6mm dia.) can obtains more than 2M Lux

Strobe Electrical Isolation Strobe

Provides 100KHz maximum strobe input and output signal

More Suitable for Semiconductor Process

Low blue wavelength is available, also provides optional output filter

High Power Light Source Unit LSU2-100/180/160H/200H/250H

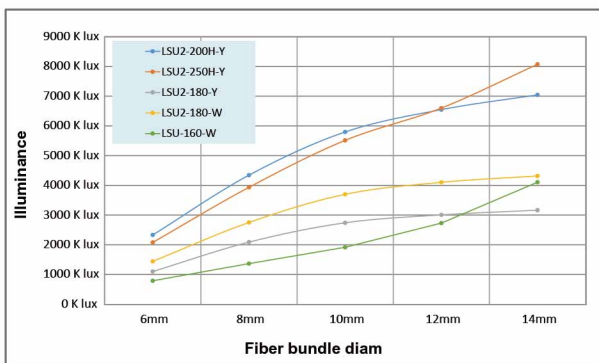


Light Source Unit LSU/LSU2-10/20/30/50

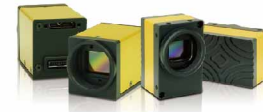
Color Light Source Unit LSU-80/LSU-160FR/LSU2-180FR



Illuminance Chart



MACHINE VISION CAMERA



SkyCAM USB3 Series

- Newest Global & Rolling Shutter CMOS Image Sensor
- Cost-effective due to the ultra-small optical format
- Ultra-compact camera size with screw lock USB connector
- Support USB 3.0 bus powered without external power
- USB3 Vision & GenICam conformity
- Camera control / image acquisition by Bestintech SDK
- Additional external power supply can be used when using a longer cable or AOC cable

SkyCAM 16M/12M Series



- Teledyne e2v 16MP/12MP CMOS Sensor
- Cost-effective due to the ultra-small optical format
- Global electronic shutter with exposure control
- CameraLink supports Base and Full configuration
- USB3 Vision & GenICam conformity
- Supports pixel based flat field correction (FFC)
- Camera control / image acquisition by Bestintech SDK

SkyCAM Line Scan Series



- Teledyne e2v 4K/2K Line Scan Image Sensor
- High speed 100KHz/160KHz line-rate & flexible exposure control
- Trilinear color line scan technology up to 33KHz/66KHz line-rate
- Cost-effective due to the ultra-small optical format
- CameraLink supports Base and Full configuration
- Supports pixel based flat field correction (FFC)
- Camera control / image acquisition by Bestintech SDK

BEST INTEGRATION TECHNOLOGY CO., LTD.

www.bestintech.com.tw
 5F., No.1, Ln. 63, Guanxin Rd., East Dist., Hsinchu City 30072, Taiwan (R.O.C.)
 E-mail : sales@bestintech.com.tw
 Tel : +886-3-6686923 Fax : +886-3-6686423



Machine Vision Solutions

Continuous Innovation with Vision



www.bestintech.com.tw

ABOUT US

Established in 2009, Best Integration Technology has been rising as an innovative company with extensive technology expertise and R&D experiences in the fields of mechatronics, optical imaging and industrial automation. We have successfully developed a series of solutions to AOI applications for semiconductor, smart-manufacturing and biotechnology industries. Our products and solutions are as following:



AUTOFOCUS MICROSCOPE SYSTEM



- High-speed instant autofocus on moving or static objects.
- A complete solution for area scan and line scan in high-speed microscopic image scanning.
- Highly integrated system design for easy setup and use.
- Advanced SoC FPGA technology and fully digitized algorithm provide high reliability and high accuracy.
- Built-in high uniformity light illumination. Optional ultra-high intensity bright & dark field illumination up to 1M lux.



- Optional linear lens changer up to four objectives.
- Compatible with an infinity-corrected microscope system.
- Ethernet network control interface. Noise immunity provides industrial-grade reliability.

LED LIGHTING



PROGRAMMABLE LED DRIVER



- USB/RS485/Ethernet Interface with digital knob for current adjustment.
- High-speed external trigger synchronization capability. The maximum frequency of strobe input reaches to 100kHz.
- Multi-channel output: 1, 2, 3, 4, 6, 8 & 12.
- Wide output range: Current 50mA-30A, Voltage DC 1.5V-95V.
- Pass EMC and CE Safety test: CE compatible

Full line-up drivers with ultimate linearity, extreme accuracy, and easy-to-use

