

For web and linescan inspection applications and optical sorting



EFFI-Line is the range of linescan illuminator for web inspection and optical sorting applications developed by EFFILUX.

The high illumination level on the line, associated with an uniform lighting make EFFI-Line the perfect product for high speed applications with linear cameras.

Applications

Web inspection for

- Steel
- Paper
- Foil
- Plastic film
- Road surfaces
- Fabric
- Semiconductors
- Glass
- Metal sheets
- Every Flat panel displays
- Optical sorting

Benefits

Powerful lighting

- Quality control Improvement
- Possible decrease of the integration time
- More defects detected

Uniform lighting

- Defects easily classified

Working distances

- Adjustable

High performance

- Less heat dissipation needed
- Less energy consumption

Useable in extreme conditions

- IP 68 Available
- IR Protection for hot mill

Adjustable length

- From 100 mm to 4200 mm in standard
- More in specific

Available in any LED wavelength from UV to IR

Integrated micro-controller

- USB or RS232 communication
- LED control
- Adaptive intensity profile
- Temperature sensors

Effi-Line range



EFFI-Line 5-15

- Working distance from 50 to 150 mm
- 200 000 lux at 150 mm
- 500 000 lux at 50 mm

EFFI-Line 20-60

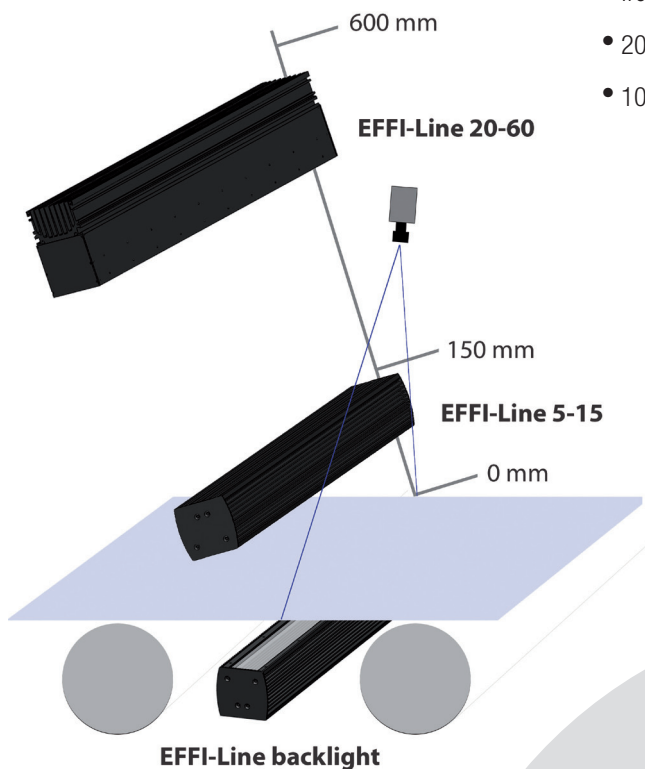
- Working distance from 200 to 600 mm
- 200 000 lux at 150 mm
- 100 000 lux at 600 mm

EFFI-Line backlight

- Highly focalized line for applications by transparency
- Perfect powerful linear led lighting for very reflective surfaces.

EFFI-Line custom

- EFFILUX designs specific EFFI-Line
- Custom working distance up to 2000 mm
- Specific heat dissipation or mechanical integration
- Specific power or wavelength



General technical specifications

Power supply

- 24 V DC
- 200 W / Meter

Dimensions

- Length: [100 mm – 4200 mm]
- Transverse: EFFI-Line 5-15: 70 mm x 70 mm
EFFI-Line 20-60: 120 mm x 160 mm

Conditions of use

- Sealing: IP 54, IP 68 in option
- Working temperature: [-30 / 40 °C]

EFFILUX offers other range of innovative LED lighting products. Visit our website www.afilux.fr