

# F mount 29 MP full frame lens

LS-FM-29MP series · Lenses · 6 models



Full frame F-mount lenses for 29 million pixel cameras: compact design, image sensor coverage dia. 43.2mm, adjustable flange distance, supports 5.5um pixels.

## Features

- Compact design
- Full frame design, image sensor cover dia. 43.2mm
- Adjustable flange distance, F mount, thread design
- Support 5.5um pixel, 29 million high resolution line scan camera

## Applications

- Cellphone screen inspection
- LCD screen inspection
- Glass cover-plate inspection
- Printing inspection
- Photovoltaic inspection
- OLED

## Common specifications

|                                |            |
|--------------------------------|------------|
| Mount                          | M58, F     |
| Max. supporting target surface | dia. 44 mm |
| Image space resolution         | 5 um       |
| Resolution                     | 29 MP      |

Ordering code: LS-<focal length><aperture>M

## Models

| Model     | Focal length (mm) | Magnification range (X) | Aperture F/# | Distortion (%) | WD (mm)      | Working distance (mm) |
|-----------|-------------------|-------------------------|--------------|----------------|--------------|-----------------------|
| LS-2828M  | 28                | 0.03-0.08               | 2.8-22       | <3.2           | 350.2-967.5  | 350.2-967.5           |
| LS-3528M  | 35                | 0-0.177                 | 2.8-22       | <1.02          | 194.2-inf.   | 194.2-None            |
| LS-5022M  | 50                | 0.04-0.33               | 2.2-16       | <0.67          | 327.5-1046   | 327.5-1046            |
| LS-6040M  | 60                | 0.04-0.33               | 4-22         | <0.21          | 223.7-1559.3 | 223.7-1559.3          |
| LS-8056M  | 80                | 0.2-0.5                 | 2.6-22       | <0.05          | 217-457      | 217-457               |
| LS-10028M | 100               | 0.02-0.17               | 2.8-22       | <0.5           | 673-5060.4   | 673-5060.4            |

More values per model (Max. supporting target surface (mm), Image space resolution (um), Sensor format) are on

## Performance

