

## *Distortionless Macro Lens*

|                                 |      |                                              |           |             |           |
|---------------------------------|------|----------------------------------------------|-----------|-------------|-----------|
| Model                           |      | VS-LD4                                       |           |             |           |
| Focal length (f)                |      | 4.16mm                                       |           |             |           |
| Optical mag.                    |      | 0.008x                                       | 0.016x    | 0.03x       | 0.04x     |
| FOV (VxH)                       | 2/3" | —                                            | —         | —           | —         |
|                                 | 1/2" | 600x800mm                                    | 300x400mm | 160x213.3mm | 120x160mm |
|                                 | 1/3" | 450x600mm                                    | 225x300mm | 120x160mm   | 90x120mm  |
| WD                              |      | 509.1mm                                      | 249.1mm   | 127.8mm     | 93.1mm    |
| O/I (Object & Imager distance)  |      | 553.1mm                                      | 293.1mm   | 171.8mm     | 137.2mm   |
| Working F/# *Value at Iris open |      | 2.1                                          | 2.11      | 2.14        | 2.16      |
| DOF at PCoC $\phi$ 0.04mm       |      | 2600 mm                                      | 650 mm    | 184.9 mm    | 104 mm    |
| TV distortion (max.)            |      | 0.940%                                       | 0.930%    | 0.920%      | 0.910%    |
| Operation of iris & focus       |      | Manual (Lock screw M1.7)                     |           |             |           |
| Wavelength                      |      | Visible (400nm – 700nm)                      |           |             |           |
| Mount                           |      | C-mount                                      |           |             |           |
| Flange back                     |      | 17.526mm                                     |           |             |           |
| Sensor size (max.)              |      | 1/2"                                         |           |             |           |
| Weight (approx.)                |      | 52g                                          |           |             |           |
| Dimension                       |      | $\phi$ 32(MAX) x L=26.5(0.01x)~26.7(0.04x)mm |           |             |           |