03-Sep-20
SPLD0054A1

Distortionless Macro Lens for Large Format

Model		VS-LDV16		
Focal Length(f)		16 mm (16.10)		
Maximum Aperture Ratio		1: 3.5		
Optical Mag. Range		× 0.03 ～ × 0.14		
Optical Mag.		× 0.03	× 0.07	× 0.14
FOV (V x H)	1.1″	343.3 × 470.0 mm	147.1 × 201.4 mm	73.6 × 100.7 mm
	1″	375.3 × 375.3 mm	160.9 × 160.9 mm	80.4 × 80.4 mm
	2/3″	236.7 × 280.0 mm	101.4 × 120.0 mm	50.7 × 60.0 mm
WD		500.0 mm	200.0 mm	100.0 mm
O/I (Object & Imager Distance)		583.0 mm	283.7 mm	184.7 mm
Working F/# *Value at Iris Open		3.5	3.6	3.6
DOF at PCoC φ0.04mm		311.1 mm	58.8 mm	14.7 mm
TV Distortion (1.1″)		-0.22 %	-0.28 %	-0.36 %
Relative Illuminance (Y=8.8)		81 %	81 %	82 %
Operation		Manual (Lock Screw M2)		
Wavelength		Visible		
Mount		C-Mount		
Flange Back		17.526 mm		
Sensor Size (max.)		1.1″		
Filter Thread		M 35.5 P= 0.5		
Weight (approx.)		190 g		
Dimension		φ 39 (max.) × L = 65.5 (X0.03) ～ 67.2 (X0.14) mm		

VS TECHNOLOGY CORPORATION