27-Mar-19
SPMC0408A2

Distortionless Macro Lens for Large Format

Model		VS-LDV50		
Focal Length(f)		50 mm (50.00)		
Maximum Aperture Ratio		1 : 3.5		
Optical Mag. Range		× 0.10 ～ × 0.36		
Optical Mag.		× 0.10	× 0.26	× 0.36
FOV (V x H)	1.1″	103.0 × 141.0 mm	39.6 × 54.2 mm	28.6 × 39.2 mm
	1″	112.6 × 112.6 mm	43.3 × 43.3 mm	31.3 × 31.3 mm
	2/3″	71.0 × 84.0 mm	27.3 × 32.3 mm	19.7 × 23.3 mm
WD		500.0 mm	200.0 mm	150.0 mm
O/I (Object & Imager Distance)		575.0 mm	283.0 mm	237.7 mm
Working F/# *Value at Iris Open		3.8	4.4	4.7
DOF at PCoC φ0.04mm		30.4 mm	5.2 mm	2.9 mm
TV Distortion (1.1″)		0.09 %	-0.02 %	-0.05 %
Relative Illuminance (Y=8.8)		90 %	95 %	96 %
Operation		Manual (Lock Screw M2)		
Wavelength		Visible		
Mount		C-Mount		
Flange Back		17.526 mm		
Sensor Size (max.)		1.1″		
Filter Thread		M 30.5 P= 0.5		
Weight (approx.)		126 g		
Dimension		φ 39 (max.) × L = 57.5 (X0.10) ～ 70.25 (X0.36) mm		

VS TECHNOLOGY CORPORATION