

*Distortionless Macro Lens*

Model		VS-LD50			
Focal length (f)		50 mm (48.46)			
Maximum Aperture Ratio		1:2.5 (2.45)			
Optical mag. range		× 0.1 ~ × 0.25			
Optical mag.		× 0.10	× 0.15	× 0.20	× 0.25
FOV (VxH mm)	2/3"	66.0×88.0	44.0×58.7	33.0×44.0	26.4×35.2
	1/2"	48.0×64.0	32.0×42.7	24.0×32.0	19.2×25.6
	1/3"	36.0×48.0	24.0×32.0	18.0×24.0	14.4×19.2
WD		503.8 mm	342.2 mm	261.5 mm	213.0 mm
O/I (Object & Imager distance)		567.7 mm	408.6 mm	330.3 mm	284.2 mm
Working F/#		2.70	2.82	2.94	3.06
DOF at PCoC $\phi$ 0.04mm		22.0 mm	10.2 mm	6.0 mm	4.0 mm
TV distortion (2/3")		0.05%以下			
Flange Back		17.526 mm			
Wavelength		Visible (400nm - 700nm)			
Mount		C-mount			
Filter Thread		M27.0 P=0.5			
Sensor size (max.)		2/3"			
Weight (approx.)		73 g			
Dimension		$\Phi$ 32 (MAX) × L= 46.4 (0.1x) ~ 53.7 (0.25x) mm			