



Model Name		LM50-IR
Focal Length (mm)		50
Image Format (mm)		$\phi 43.3$
IR Corrected Design		400-1000nm
Iris Range		F1.9~F16
Focusing Range (m)		0.5~ $\infty$
Control	Iris	Manual
	Focus	Manual
TV Distortion at $\phi 43.3$		-0.54%
at $\phi 22.5$ (1.2" Format)		-0.18%
at $\phi 16$ (1" Format)		-0.12%
Back Focal Length in air (mm)		34.6mm
Mechanical Back Focal Length in air (mm)		34.1mm
Mount		F-mount, P-mount
Flange Back (F-Mount)		46.5mm
Flange Back (P-Mount, M42x1)		45.5mm
Filter size (mm)		M52X0.75
Size (mm)		$\phi 58.5 \times 117.5$
Weight (g)		600g (Preliminary)
Temperature Range		-10°C~+45°C

## Main Characteristics

- Large Format
- IR Corrected Design
- Broad Band Coating
- Low Distortion

