

SYC7153A _ 2/3" 5MP C-Mount FA LENS

No.	ITEM	SPECIFICATION		NOTE	
1	Image Circle	$\Phi 11.4$			
2	Effective Focal Length (EFL)	$12.3 \pm 0.2\text{mm}$	$12.0 \pm 0.2\text{mm}$	Inc 1.0mm CG	
3	Front Focal Length (FFL)	$10.37 \pm 0.2\text{mm}$		Inc 1.0mm CG	
4	Total Track Length (TTL)	58.15mm		In air	
5	F No.	$2.08 \pm 5\%$	$2.06 \pm 5\%$		
6	Field of View (FOV)	Diagonal	46.9°	48.82°	D=11mm
		Horizontal	38.2°	39.88°	H=8.8mm
		Vertical	29°	30.37°	V=6.6mm
7	TV Distortion	-0.41%	-0.21%	Frame ratio 4:3	
8	Relative Illumination	68%	65%	At $\Phi 11\text{mm}$ (Design value)	
9	Chief Ray Angle (CRA)	NA			
10	Resolution	AXIS: 160lp/mm, 2nd circle($0.7Y/\Phi 8$): 125lp/mm			

