

SYC7122A _ 2/3" 5MP C-Mount FA LENS

No.	ITEM	SPECIFICATION		NOTE
		WIDE	TELE	
1	Image Circle	$\Phi 11.4$		
2	Effective Focal Length (EFL)	49.77mm \pm 5%	50mm \pm 5%	
3	Front Focal Length (FFL)	12.193 \pm 0.2mm		At infinity, Inc 1.1mm CG
4	Total Track Length (TTL)	68 \pm 0.3mm	68 \pm 0.3mm	optical total track(Inc 1.1mm CG)
5	F No.	3.4 \pm 5%	2.8 \pm 5%	
6	Field of View (FOV)	Diagonal	10.59 $^{\circ}$	H=5.5mm
		Horizontal	8.48 $^{\circ}$	H=4.4mm
		Vertical	6.37 $^{\circ}$	V=3.3mm
7	TV Distortion	-0.05%	-0.05%	Vertical
8	Relative Illumination	75%	65%	At $\Phi 11$ mm(Design value)
9	Chief Ray Angle (CRA)	NA		
10	Resolution	AXIS: 160lp/mm, 2nd circle(0.7Y/ $\Phi 8$): 125lp/mm		0.7m

