

## SYC7131A \_ 2/3" 5MP C-Mount FA LENS

No.	ITEM	SPECIFICATION		NOTE	
1	Image Circle	Φ 11.4			
2	Effective Focal Length (EFL)	37.1mm ±5%	34.2mm ±5%		
3	Front Focal Length (FFL)	10.479 ±0.2mm		At infinity, Inc 1.0mm CG	
4	Total Track Length (TTL)	62.79±0.3mm	53.10±0.3mm	Mechanical Total Track (Inc 1.0mm CG)	
5	F No.	2.2±5%	2.0±5%		
6	Field of View (FOV)	Diagonal	14.54°	18.29°	H=5.5mm
		Horizontal	11.65°	14.68°	H=4.4mm
		Vertical	8.75°	11.03°	V=3.3mm
7	TV Distortion	-0.1%		Vertical(WD=0.6m,-0.04%)	
8	Relative Illumination	80%		At Φ 11mm(Design value)	
9	Chief Ray Angle (CRA)	NA			
10	Resolution	AXIS: 160lp/mm, 2nd circle(0.7Y/Φ 8): 125lp/mm		0.7m	

