

## SYC7135A \_ 2/3" 5MP C-Mount FA LENS

No.	ITEM		SPECIFICATION		NOTE
			WIDE	TELE	
1	Image Circle		$\Phi$ 11.4		
2	Effective Focal Length (EFL)		15.66mm $\pm$ 5%	16.42mm $\pm$ 5%	
3	Front Focal Length (FFL)		11.02 $\pm$ 0.2mm		At infinity, Inc 1.0mm CG
4	Total Track Length (TTL)		59.33 $\pm$ 0.3mm		Mechanical Total Track (Inc 1.0mm CG)
5	F No.		1.99 $\pm$ 5%	2.05 $\pm$ 5%	
6	Field of View (FOV)	Diagonal	37.27°	36.91°	H=5.5mm
		Horizontal	30.25°	29.99°	H=4.4mm
		Vertical	22.87°	22.74°	V=3.3mm
7	TV Distortion		-0.18%	0.40%	Vertical (WD=0.4m,0.09%)
8	Relative Illumination		65%	60%	At $\Phi$ 11mm(Design value)
9	Chief Ray Angle (CRA)		NA		
10	Resolution		AXIS: 160lp/mm, 2nd circle: 160lp/mm		0.7m

