

## SYC7111C \_ 2/3" 5MP C-Mount LENS

No.	ITEM	SPECIFICATION		NOTE	
		WIDE	TELE		
1	Image Circle	$\Phi$ 11.4			
2	Effective Focal Length (EFL)	28mm $\pm$ 5%	26.6mm $\pm$ 5%	At infinity	
3	Front Focal Length (FFL)	11.22 $\pm$ 0.2mm		At infinity, Inc 1.0mm CG	
4	Total Track Length (TTL)	46.7 $\pm$ 0.3mm	41.2 $\pm$ 0.3mm	optical total track(Inc 1.0mm CG)	
5	F No.	2.15 $\pm$ 5%	2.0 $\pm$ 5%	At infinity	
6	Field of View (FOV)	Diagonal	19.84°	23.46°	H=5.5mm
		Horizontal	15.89°	18.82°	H=4.4mm
		Vertical	11.92°	14.08°	V=3.3mm
7	TV Distortion	-0.2%	-0.14%	Vertical	
8	Relative Illumination	63%		At $\Phi$ 11mm(Design value)	
9	Chief Ray Angle (CRA)	NA			
10	Resolution	AXIS: 160p/mm 2nd circle(0.7Y): 125lp/mm		Projection test	

