

SYC7098A _ 1/2.8" 2MP LENS

No.	ITEM		SPECIFICATION		NOTE
			WIDE	TELE	
1	Image Circle		Φ 6.4		
2	Effective Focal Length (EFL)		3.1mm \pm 5%	15.5mm \pm 5%	At infinity
3	Front Focal Length (FFL)		1.40mm		At infinity, Include 0.5 CG+0.5Filter
4	Total Track Length (TTL)		68.4mm		
5	F No.		1.8 \pm 5%	2.8 \pm 5%	At infinity
6	Field of View (FOV)	Diagonal	90.9°	22.5°	D=6.40mm
		Horizontal	83.7 °	20.0°	H=5.57mm
		Vertical	52.4°	11.7°	V=3.13mm
7	TV Distortion		<-2%	<1.7%	Vertical
8	Relative Illumination		>40%	>65%	At Φ 6.40mm
9	Chief Ray Angle (CRA)		NA		
10	Resolution		AXIS: 160p/mm 2nd circle(0.7Y): 125lp/mm		Projection test