

SYC7033A _ 1/3" 1.3MP All- in one Lens

No.	ITEM		SPECIFICATION		NOTE
			WIDE	TELE	
1	Image Circle		$\Phi 6$		
2	Effective Focal Length (EFL)		5mm \pm 5%	50mm \pm 5%	At infinity
3	Back Focal Length (BFL)		6.69mm	6.47mm	In air
4	Total Track Length (TTL)		55.237 mm		At infinity, in air
5	F No.		2.0 \pm 5%		At infinity
6	Field of View (FOV)	Diagonal	64.2 $^{\circ}$ \pm 5%	7.3 $^{\circ}$ \pm 5%	
		Horizontal	51.8 $^{\circ}$	5.86 $^{\circ}$	
		Vertical	39.1 $^{\circ}$	4.4 $^{\circ}$	
7	Distortion		-2.3%	-0.54%	
8	Relative Illumination		NA		
9	Chief Ray Angle (CRA)		4.5 $^{\circ}$	2.8 $^{\circ}$	
10	Resolution		AXIS: 160p/mm 2nd circle(0.7Y): 125lp/mm		

