

SYC7101A _ 1/2.7" 2MP CS-Mount Lens

No.	ITEM		SPECIFICATION		NOTE
			WIDE	TELE	
1	Image Circle		Φ 6.8		
2	Effective Focal Length (EFL)		3.1 \pm 5%	8.6mm \pm 5%	At infinity
3	Front Focal Length (FFL)		7.73mm		At infinity, Inc 1.6mm CG
4	Total Track Length (TTL)		57.6 \pm 0.3mm	41.6 \pm 0.3mm	At infinity, optical total track
5	F No.		1.7 \pm 5%	2.5 \pm 5%	Infinity
6	Field of View (FOV)	Diagonal	144.5°	43.9°	H=3.3mm
		Horizontal	108.8°	35.8°	H=2.69mm
		Vertical	76.2°	26.3°	V=1.98mm
7	TV Distortion		-14%	-1.5%	Vertical
8	Relative Illumination		28%	78%	At Φ 6.8mm
9	Chief Ray Angle (CRA)		NA	NA	-
10	Resolution		Center:160lp/mm, 0.7F: 125lp/mm		Projection test