

## SYC7089S \_ 1/2.7" 2MP CS-Mount LENS

No.	ITEM		SPECIFICATION		NOTE
			WIDE	TELE	
1	Image Circle		$\Phi$ 6.8		
2	Effective Focal Length (EFL)		2.95m $\pm$ 5%	11.5mm $\pm$ 5%	At infinity
3	Front Focal Length (FFL)		7.00 mm		At infinity, In Air
4	Total Track Length (TTL)		89.1 $\pm$ 0.3mm	52.9 $\pm$ 0.3mm	
5	F No.		1.05 $\pm$ 5%	1.74 $\pm$ 5%	At infinity
6	Field of View (FOV)	Diagonal	135.8°	33.7°	D= 6.6 mm
		Horizontal	106.2°	27.1°	H= 5.28mm
		Vertical	78.1°	20.5°	V= 3.96mm
7	TV Distortion		-18.4%	-0.3%	Vertical, at 1/2.7"
8	Relative Illumination		30%	83%	At $\Phi$ 6.6mm
9	Chief Ray Angle (CRA)		2.3°	7°	
10	Resolution		NA		