

SYC7047A _ 1/2.7" 3MP Φ 14 LENS

No.	ITEM		SPECIFICATION		NOTE
			WIDE	TELE	
1	Image Circle		Φ 6.6		
2	Effective Focal Length (EFL)		$8 \pm 5\%$	$20\text{mm} \pm 5\%$	Infinity.
3	Front Focal Length (FFL)		$12.66\text{mm} \pm 0.2\text{mm}$		Infinity in air
4	Total Track Length (TTL)		48.8mm		Including filter + CG 1.0mm(Inf.)
5	F No.		$1.6 \pm 5\%$	$2.9 \pm 5\%$	Infinity
6	Field of View (FOV)	Diagonal	50.4°	20.3°	Inf. 1/2.7"Sensor
		Horizontal	39.5°	16.3°	
		Vertical	29.6°	12.4°	
7	TV Distortion		-3.6%	-0.2%	Vertical, Design value
8	Relative Illumination		45%	83%	1.0 Field, Design value
9	Chief Ray Angle (CRA)		13.3°	6.7°	1.0 Field
10	Resolution		Center:160lp/mm, 0.7F: 125lp/mm		Projection test