

SYC7065A _ 1" 8MP C-Mount LENS

No.	ITEM		SPECIFICATION	NOTE
1	Image Circle		$\Phi 16.1$	
2	Effective Focal Length (EFL)		$20.25\text{mm} \pm 5\%$	Inf.
3	Front Focal Length (FFL)		$17.53\text{mm} \pm 0.2\text{mm}$	Inf. In air
4	Total Track Length (TTL)		71.38mm	Including OLPF+CG 1.6mm(Inf.)
5	F No.		$1.6 \pm 5\%$	Inf.
6-1	Field of View (FOV)	Diagonal	4.9°	Inf. 1" Sensor
		Horizontal	36.1°	
		Vertical	27.2°	
6-2	Field of View (FOV)	Diagonal	31.0°	Inf. 2/3" Sensor
		Horizontal	23.8°	
		Vertical	20.0°	
7	TV Distortion		-1%	Vertical, Design value
8	Relative Illumination		43.5%	1.0Field, Design value
9	Chief Ray Angle (CRA)		8°	1.0Field
10	Resolution		Center:125lp/mm, 0.7F :100lp/mm	Projection test

