

SYC7061A _ 1" 8MP C-Mount LENS

No.	ITEM	SPECIFICATION	NOTE	
1	Image Circle	$\Phi 16.06$		
2	Effective Focal Length (EFL)	$16\text{mm} \pm 5\%$	At infinity	
3	Front Focal Length (FFL)	$17.526\text{mm} \pm 0.3\text{mm}$	Infinity in air	
4	Total Track Length (TTL)	$77.44\text{mm} \pm 0.3\text{mm}$	Infinity in air	
5	F No.	$1.64 \pm 5\%$	Infinity	
6	Field of View (FOV)	Diagonal	60.25°	Infinity 1" Sensor
		Horizontal	47.25°	
		Vertical	35°	
7	Distortion	-3.48%	At $\Phi 16.06$	
8	Relative Illumination	44.56%	At $\Phi 16.06$	
9	Chief Ray Angle (CRA)	7.27°	At $\Phi 16.06$	
10	Resolution	Center: 100lp/mm, 0.7F :80lp/mm	Projection test	

