

## SYC7068A \_ 4/3" 8MP C-Mount LENS

NO.	ITEM	SPECIFICATION	NOTE
1	Image Circle	$\Phi 22.6$	
2	Effective Focal Length (EFL)	$30.01\text{mm} \pm 5\%$	At infinity
3	Back Focal Length (BFL)	$22.03\text{mm} \pm 0.2\text{mm}$	In air
4	Total Track Length (TTL)	$100.36\text{mm} \pm 0.3\text{mm}$	Including OLPF+CG 1.6 mm(Infinity)
5	F No.	$1.8 \pm 5\%$	At infinity
6	Field of View (FOV)	Diagonal	$43.0^\circ$
		Horizontal	$34.5^\circ$
		Vertical	$25.9^\circ$
7	Distortion	$-1.04\%$ (TV)	At $\Phi 22.66$
8	Relative Illumination	48%	At $\Phi 22.66$
9	Chief Ray Angle (CRA)	$7.8^\circ$	At $\Phi 22.66$
10	Resolution	AXIS: 125 lp/mm 2nd circle(0.7Y): 100 lp/mm 3rd circle(1.0Y): 80 lp/mm	

