

## SYC7050A \_ 1" 8MP C-Mount LENS

No.	ITEM	SPECIFICATION	NOTE
1	Image Circle	$\Phi 16.1$	
2	Effective Focal Length (EFL)	$35\text{mm} \pm 5\%$	Infinity
3	Front Focal Length (FFL)	$17.526\text{mm} \pm 0.2\text{mm}$	Infinity in air
4	Total Track Length (TTL)	52.8mm	Including OLPF+CG 1.6 mm(Infinity)
5	F No.	$1.4 \pm 5\%$	Infinity
6	Field of View (FOV)	Diagonal	$25.2^\circ$
		Horizontal	$20.3^\circ$
		Vertical	$20.0^\circ$
7	Distortion	-0.4%(TV)	Vertical, Design value
8	Relative Illumination	49%	1.0Field, Design value
9	Chief Ray Angle (CRA)	$10.5^\circ$	1.0Field
10	Resolution	Center:160lp/mm, 0.7F :100lp/mm	Projection test

