

SYC7092A _ 1/3" 3MP M8 LENS

No.	ITEM	SPECIFICATION	NOTE
1	Image Circle	Φ 3.3	
2	Effective Focal Length (EFL)	$0.945\text{mm} \pm 5\%$	At infinity
3	Front Focal Length (FFL)	$1.44\text{mm} \pm 0.2\text{mm}$	Inf. In air
4	Total Track Length (TTL)	$15\text{mm} \pm 0.2\text{mm}$	With IR=0.3mm
5	F No.	2.6 ± 0.1	
6	Field of View (FOV)	200°	H=1.65mm
7	Distortion	97%(Optical)	1.0Field, Design value
		0.2%(F-Theta)	
8	Relative Illumination	>85%	1.0Field, Design value
9	Chief Ray Angle (CRA)	$13.4^\circ \pm 2^\circ$	1.0 Field
10	Resolution	Center: 220lp/mm, 0.7F : 110lp/mm	Projection test

