

SYC7070A HD-IR_ 1/2.7" 3MP M12 LENS

No.	ITEM		SPECIFICATION	NOTE
1	Image Circle		$\Phi 6.6$	
2	Effective Focal Length (EFL)		$3.16\text{mm} \pm 5\%$	Inf.
3	Front Focal Length (FFL)		$5.03\text{mm} \pm 0.2\text{mm}$	Inf. In air
4	Total Track Length (TTL)		22.73mm	Inf. In air
5	F No.		$2.0 \pm 5\%$	Inf.
6-1	Field of View (FOV)	Diagonal	141.2°	Inf. 1/2.7" Sensor
		Horizontal	103.5°	
6-2	Field of View (FOV)	Diagonal	122.0°	Inf. 1/3" Sensor
		Horizontal	92.4°	
7	TV Distortion		-8.2%	Vertical, Design value
8	Relative Illumination		40%	1.0Field, Design value
9	Chief Ray Angle (CRA)		16.1°	1.0Field
10	Resolution		Center:200lp/mm, 0.7F :125lp/mm	Projection test