

SYC7120A 4K-IR _ 1/2.5" M12 LENS

No.	ITEM	SPECIFICATION	NOTE
1	Image Circle	$\Phi 7.2$	
2	Effective Focal Length (EFL)	$3.93\text{mm} \pm 5\%$	At infinity
3	Front Focal Length (FFL)	$5.22\text{mm} \pm 0.2\text{mm}$	At infinity, with 0.8mm dummy glass
4	Total Track Length (TTL)	$22.46\text{mm} \pm 0.3\text{mm}$	At infinity, with 0.8mm dummy glass
5	F No.	$2.0 \pm 5\%$	At infinity
6	Field of View (FOV)	Diagonal	124.6°
		Horizontal	92.5°
		Vertical	53.5°
7	TV Distortion	-11.5%	Vertical
8	Relative Illumination	40%	At 1.0Field(H=3.6)
9	Chief Ray Angle (CRA)	13.5°	All Field
10	Resolution	Center: 250lp/mm, 0.7F :200lp/mm	Projection test(Including NIR)

