

SYC7097C HD-IR_ 1/2.7" 4MP M12 LENS

No.	ITEM	SPECIFICATION	NOTE
1	Image Circle	$\Phi 6.6$	
2	Effective Focal Length (EFL)	$3.9\text{mm} \pm 5\%$	At infinity
3	Front Focal Length (FFL)	$5.4\text{mm} \pm 0.3\text{mm}$	At infinity, with 0.8mm dummy glass
4	Total Track Length (TTL)	$22.4\text{mm} \pm 0.3\text{mm}$	At infinity, with 0.8mm dummy glass
5	F No.	$2.0 \pm 5\%$	At infinity
6	Field of View (FOV)	Diagonal	90°
		Horizontal	72°
		Vertical	53°
7	TV Distortion	-9.8%	Vertical
8	Relative Illumination	45%	At 1.0Field(H=3.3)
9	Chief Ray Angle (CRA)	14.9°	All Field
10	Resolution	Center: 200lp/mm, 0.7F :125lp/mm	Projection test(Including NIR)

