

## SYC7099C HD-IR\_ 1/3" 5MP M12 LENS

No.	ITEM	SPECIFICATION	NOTE
1	Image Circle	$\Phi 6.0$	
2	Effective Focal Length (EFL)	$2.27\text{mm} \pm 5\%$	At infinity
3	Back Focal Length (BFL)	$5\text{mm} \pm 0.2\text{mm}$	At infinity, with 0.8mm dummy glass
4	Total Track Length (TTL)	$19.84\text{mm} \pm 0.3\text{mm}$	At infinity, with 0.8mm dummy glass
5	F No.	$2.2 \pm 5\%$	At infinity
6	Field of View (FOV)	Diagonal	$140^\circ$
		Horizontal	$113^\circ$
		Vertical	$87^\circ$
7	TV Distortion	-14%	Vertical
8	Relative Illumination	40%	At 1.0Field(H=3.0)
9	Chief Ray Angle (CRA)	$15.5^\circ$	All Field
10	Resolution	Center: 200lp/mm, 0.7F :125lp/mm	Projection test

