

SYD2B07A _ 1/2.3" 12MP M12 LENS

No.	ITEM	SPECIFICATION	NOTE
1	Image Circle	$\Phi 8.0$	
2	Effective Focal Length (EFL)	$4.2\text{mm} \pm 5\%$	Infinity
3	Front Focal Length (FFL)	6.79mm	
4	Total Track Length (TTL)	25.4mm	Infinity
5	F No.	$2.6 \pm 5\%$	
6	Field of View (FOV)	Diagonal	$104.3^\circ \pm 5\%$ Y=3.9mm
		Horizontal	$83.5^\circ \pm 5\%$ Y=3.1mm
		Vertical	$62.4^\circ \pm 5\%$ Y=2.3mm
7	Distortion	-29.2%	Y=3.9mm
8	Relative Illumination	50%	Y=3.9mm
9	Chief Ray Angle (CRA)	13.2°	1.0 Field
10	Resolution	Center:300lp/mm 0.7F :160lp/mm	Projection test

