

SYD2B06A _ 1/2.3" 14MP M12 LENS

No.	ITEM	SPECIFICATION	NOTE
1	Image Circle	$\Phi 7.8$	
2	Effective Focal Length (EFL)	$3.0\text{mm} \pm 5\%$	Infinity
3	Back Focal Length (BFL)	$5.52\text{mm} \pm 0.2\text{mm}$	Inf. With CG T0.5mm
4	Total Track Length (TTL)	23.0mm	Inf. With CG T0.5mm
5	F No.	$2.8 \pm 5\%$	
6	Field of View (FOV)	Diagonal	165.1° $y=3.96\text{mm}$
		Horizontal	125° $y=3.1\text{mm}$
		Vertical	93.4° $y=2.32\text{mm}$
7	Optical Distortion	-75.2%	1.0Field($y=3.86\text{mm}$), Design value
8	Relative Illumination	79%	1.0 Field($y=3.86\text{mm}$), Design value
9	Chief Ray Angle (CRA)	12.7°	1.0 Field
10	Resolution	Center:300lp/mm 0.7F :160lp/mm	Projection test

