

SYC7072D_ 1/2.7" 3MP LENS

No.	ITEM	SPECIFICATION		NOTE
		WIDE	TELE	
1	Image Circle	Φ 6.6		
2	Effective Focal Length (EFL)	8.0mm \pm 5%	20.0mm \pm 5%	At infinity
3	Back Focal Length (BFL)	5.55mm	12.16mm	At infinity, in air
4	Total Track Length (TTL)	49 mm		At infinity, in air
5	F No.	1.6 \pm 5%	2.9 \pm 5%	At infinity
6	Field of View (FOV)	Diagonal	50.4°	H= 3.3 mm
		Horizontal	39.5°	H= 2.64 mm
		Vertical		H= 1.98 mm
7	Distortion	-10.1%	-1.0%	At Φ 6.6
8	Relative Illumination	33.0%	74.0%	At Φ 6.6
9	Chief Ray Angle (CRA)	10.8°	9.4°	At Full Field
10	Resolution	AXIS: 160p/mm 2nd circle(0.7Y): 125lp/mm		

