



2/3" F1.6/50MM/5MEGA/C-MOUNT

FOCAL LENGTH	f=50MM
F.NO	F=1:2.0~16
FOCUS DISTANCE	0.3M~INF.
FLANGE BACK	17.526MM IN AIR
BACK FOCUS	10.88MM IN AIR
FILTER SCREW SIZE	M30.5*P0.5
MOUNT	C
REL.ILLUMINATION	≥76%
CHIEF RAY ANGLE	<3°

FIELD OF VIEW	SENSOR	2/3"	1/2"
	D	13.2°	9.6°
	H	10.6°	7.7°
	V	8°	5.8°

TV DISTORTION	<0.05%	<0.05%
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WORKING DISTANCE	OPTICAL MAGNIFICATION	2/3" FIELD OF VIEW	
		H	V
MM	D		
1100	0.044	201.51	151.13
1000	0.048	182.57	136.93
900	0.054	163.65	122.74
850	0.057	154.2	115.65
800	0.061	144.74	108.56
750	0.065	135.29	101.47
700	0.07	125.85	94.386
650	0.076	116.41	87.306
600	0.083	106.97	80.229
550	0.091	97.542	73.157
500	0.1	88.116	66.087
450	0.112	78.692	59.019
400	0.128	69.266	51.949
350	0.148	59.826	44.87
300	0.176	50.352	37.764

WORKING TEMPERATURE	-40°C~80°C
STORAGE TEMPERATURE	-40°C~85°C

Common Tolerance		④					
Angle		±0.5°	③				
0.000		±0.01	②				
0.00		±0.03	①				
0.0		±0.05	Rev	Description	Name	Date	
0		±0.1	Design	Examine	Checked	Approved	

Model		SBS-5016-5MP	
3RD ANGLE PROJ			
Unit	mm		
Scale	2:1		
Ver	00		
Date	2018.03.01		

