

Lens Specification	
Focal length	2.95mm±5%
Back focal length	4.81mm±5%
Mechanical back	3.23mm±0.3mm
Aperture ratio	F/2.0
Image size	1/2"(6.4mmX4.8mm)
Magnification	-
Distortion	-68.7%
Angle of view at INF.	
Vertical	93.2°
Horizontal	123.8°
Diagonal	154.1°
Resolution	
Center	200LP/mm
Corner	25LP/mm
Pupil positions	
Entrance pupil	5.26mm (Front lens)
Exit pupil	-18.86mm (Image plane)
Principal points	
Object space	7.75mm (Front lens)
Image space	-2.95mm (Image plane)
Coating	
All surfaces are antireflection coated. MgF2 single coated.	

Specifications above are design specifications.

Angle of view at INF.			
Image size	1/2.3" (6.24X4.71)	1/3" (3.6X4.8)	1/4" (2.7X3.6)
Vertical	91.4°	70.0°	52.5°
Horizontal	120.7°	93.2°	70.0°
Diagonal	150.4°	116.2°	87.4°

Note:



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TITLE		DRAWN	
2.95mm F/2.0 LENS with IR-CUT FILTER		K.Sa.	
P/NO.		SCALE	CHECKED
LA290F		4 : 1	H.K.
Mfg.NO.	UOI	SHEET	REV
LA290F-Y01-0	LA290F	1 OF 1	A

FOR INTERNAL USE ONLY

