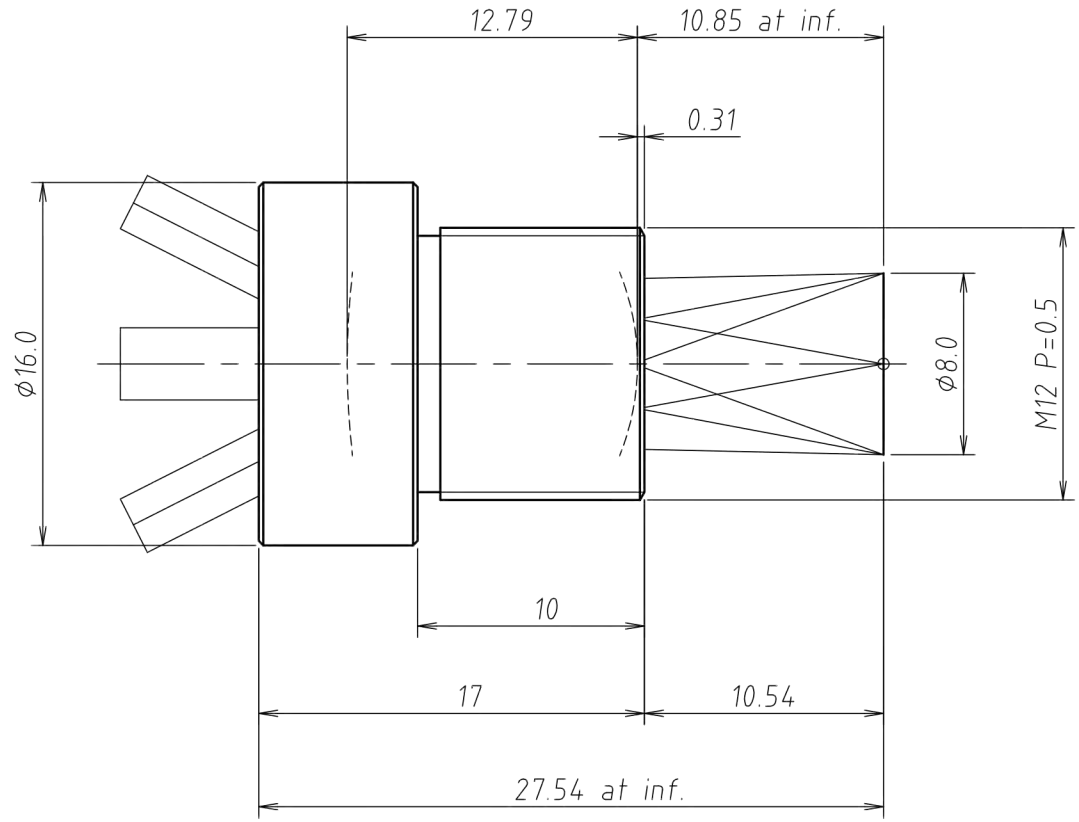
Lens Specification	
Focal length	8.81mm±5% (at 300nm)
Back focal length	10.85mm±5%
Mechanical back	10.54mm
Aperture ratio	F/2.8
Image size	1/2" (4.8mmx6.4mm)
Magnification	-
Distortion	-10.4%
Angle of view at INF.	
Vertical	31.6°
Horizontal	42.5°
Diagonal	53.7°
Resolution	
Center	LP/mm
Corner	LP/mm
Pupil positions	
Entrance pupil	4.37mm (Front lens)
Exit pupil	-21.22mm (Image plane)
Principal points	
Object space	9.53mm (Front lens)
Image space	-8.81mm (Image plane)
Coating	(λ =330nm)
All surfaces are antireflection coated. MgF2 single coated.	

Note:

Image size: 1/3" (3.6mmx4.8mm)
Distortion: -5.8%
Angle of view at INF.
Vertical: 23.5°
Horizontal: 31.6°
Diagonal: 39.7°



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4			TITLE 9mm F/2.8 UV LENS		DRAWN M.M
3					
2			P/NO. UVS0928		CHECKED H.K
1					
	11/28/2014		Mfg.NO. VN110A-Y01	UOI UVS0928	SHEET 1 OF 1 REV A