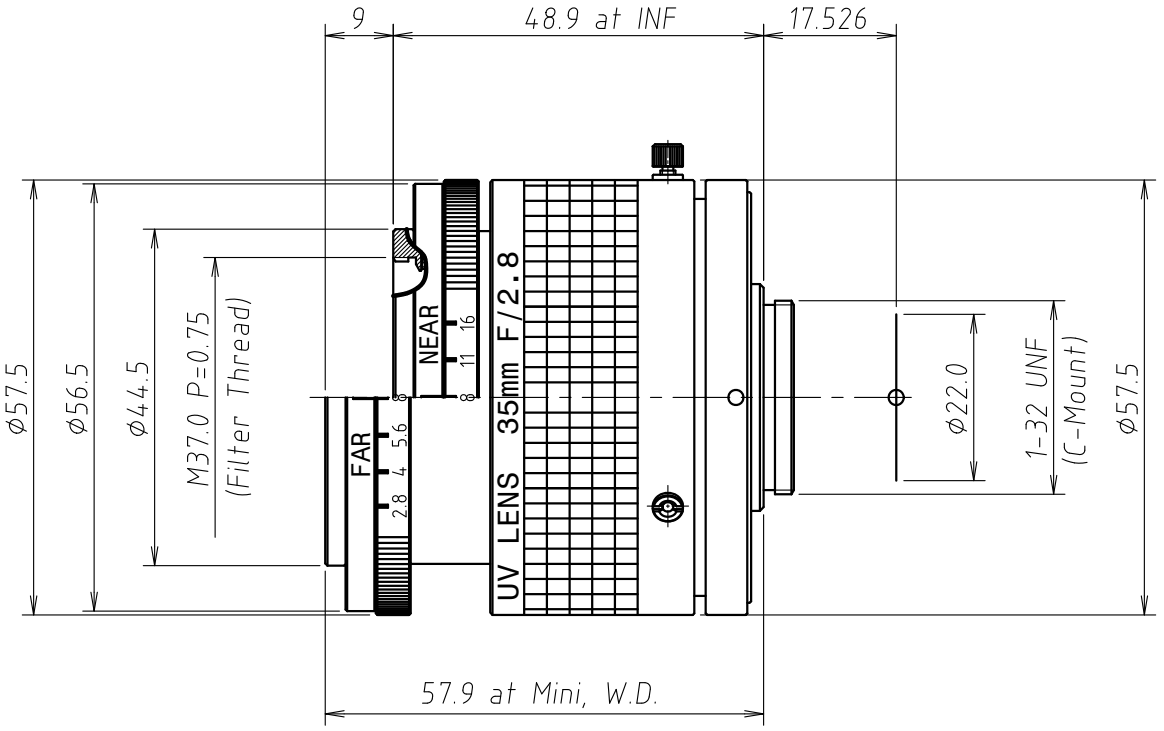
Lens Specification	
Focal length	35.02mm (at λ=250nm)
Back focal length	30.75 mm
Mechanical back	13.53 mm
Aperture ratio	F/2.8 ~ F/16
Image size	φ22.0 mm
Magnification	
Distortion	-4.06 %
Angle of view at INF.	
Vertical	°
Horizontal	°
Diagonal	36.5 °
Resolution	
Center	LP/mm
Corner	LP/mm
Pupil positions	
Entrance pupil	13.49 mm (Front lens)
Exit pupil	-36.24 mm (Image plane)
Principal points	
Object space	14.90 mm (Front lens)
Image space	-34.77 mm (Image plane)
Coating (λ=250nm)	
All surfaces are antireflection coated. MgF2 single coated.	

Specifications above are design specifications.



Note:

1. Mini. Working Dist.
   - 139.1 mm (at λ=250nm)
   - 185.5 mm (at λ=300nm)
   - 224.0 mm (at λ=350nm)
   - 249.8 mm (at λ=390nm)
2. Operating temperature
   -10°C ~ +50°C
3. Storage temperature
   -20°C ~ +60°C

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4			TITLE 35mm F/2.8 UV LENS			DRAWN N.K.
3						
2	05/12/2026	Add notes	P/NO. UV3528BK			CHECKED H.K.
1	06/19/2024	Add notes				
	12/02/2021		Mfg.NO. BA353A-Y01-2	UOI UV3528BK	SHEET 1 OF 1	REV C