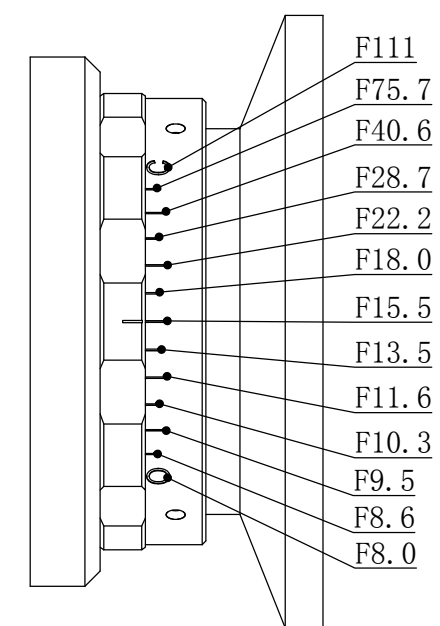


XF-PTL04582-M95-12-VI

Specification

Optical structure	Bi-Telecentric
Magnification	1.92
Object field of view	$\Phi 42.7\text{mm}$
Image field of view	$\Phi 82\text{mm}$
Working Distance	120mm \pm 3%
Telecentricity	$<0.03^\circ (0.1^\circ)$
Depth of field	0.5mm@F18
F#	F8-F111.5
Resolution	6.20 μm @F18
MTF	$>0.3@58\text{lp/mm}$ @F18
Distortion	$<0.034\% (0.10\%)$
Detector type:	

35film	36 \times 24	18.8 \times 12.5mm
2'	23 \times 23	12.0 \times 12.0mm
4/3'	18 \times 13.5	9.4 \times 7.0mm
1.1'	14.2 \times 10.4	7.4 \times 5.4mm
4K Linear scan	4096 \times 7 μm	14.9mm
8K Linear scan	8192 \times 5 μm	21.3mm
8K Linear scan	8192 \times 7 μm	29.9mm
16K Linear scan	16384 \times 5 μm	42.7mm



This lens has the best resolution and better imaging consistency in F13.5, it has the best imaging consistency in F18.0. If the aperture exceeds F13.5, both resolution and imaging consistency will begin to decline.

XF-PTLAAABB-C/F/P/M- (L90E) - (VI)

The fourth generation lens of Canrill

The camera mount (M & P mount need specify BFL)

Variable aperture option

Object FOV

90° Steering option

Image FOV

Undefined tolerance (mm)	degree	File Name		
X. X	± 0.2	$\pm 30\text{min}$	XF-PTL04582-M95-12-VI-外形尺寸-EN	
X. XX	± 0.02	Drawing Name		
X. XXX	± 0.005	Drawing Size: A3		
	Sign	Data/Ver.	Material	Ratio
Design				1:5
Modify1			Qty	
Modify2			Total:	Page:
			<small>All design and drawings are intellectual property of Canrill Optics, can not be copied without Canrill's authorization.</small>	