



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	$120\text{mm} \pm 3\%$
Telecentricity	$< 0.03^\circ (0.1^\circ)$
Depth of field	$0.5\text{mm} @ F18$
F#	F8-F111.5
Resolution	$6.20\mu\text{m} @ F18$
MTF	$> 0.3 @ 58\text{lp/mm} @ F18$
Distortion	$< 0.034\% (0.10\%)$
Detector type:	

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

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

<p>The fourth generation lens of Canrill</p> <p>Object FOV</p> <p>Image FOV</p>	<p>The camera mount (M & P mount need specify BFL)</p> <p>90° Steering option</p>
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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	Product Name
Design				1:5	
Modify1			Qty		Canrill OPTICS
Modify2			Total:	Page:	All design and drawings are intellectual property of Canrill Optics, can not be copied without Canrill's authorization.