



## XF-PTL05582-M95-12-VI

### Specification

Optical structure	Bi-Telecentric
Magnification	1.571
Object field of view	$\phi 52.2\text{mm}$
Image field of view	$\phi 82\text{mm}$
Working Distance	$138\text{mm} \pm 3\%$
Telecentricity	$< 0.04^\circ (0.08^\circ)$
Depth of field	$0.8\text{mm} @ F18$
F#	F8-F111.5
Resolution	$7.57\mu\text{m} @ F18$
MTF	$> 0.3 @ 58\text{lp/mm} @ F18$
Distortion	$< 0.054\% (0.10\%)$
Detector type:	

35film	$36 \times 24$	$22.9 \times 15.3\text{mm}$
2'	$23 \times 23$	$14.6 \times 14.6\text{mm}$
4/3'	$18 \times 13.5$	$11.5 \times 8.6\text{mm}$
1.1'	$14.2 \times 10.4$	$9.0 \times 6.6\text{mm}$
4K Linear scan	$4096 \times 7\mu\text{m}$	$18.3\text{mm}$
8K Linear scan	$8192 \times 5\mu\text{m}$	$26.1\text{mm}$
8K Linear scan	$8192 \times 7\mu\text{m}$	$36.5\text{mm}$
16K Linear scan	$16384 \times 5\mu\text{m}$	$52.1\text{mm}$

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

<p><b>The fourth generation lens of Canrill</b></p> <p>Object FOV _____</p> <p>Image FOV _____</p>	<p><b>The camera mount (M &amp; P mount need specify BFL)</b></p> <p>_____</p>	<p><b>90° Steering option</b></p>
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Undefined tolerance (mm)	degree	File Name		
X. X	$\pm 0.2$	$\pm 30\text{min}$	XF-PTL05582-M95-12-VI-外形尺寸-EN	
X. XX	$\pm 0.02$		Drawing Name	
X. XXX	$\pm 0.005$	Drawing Size: A3		
	Sign	Data/Ver.	Material	Ratio
Design				1:5
Modify1			Qty	
Modify2			Total:	Page: