

Occurrence of vignetting, based on the combination of eyepiece, FSB-UC and COOLPIX digital camera (guidelines, as of September, 2019)

		FEP Series for EDG Fieldsopes						MEP Series for MONARCH Fieldsopes				SEP Series for PROSTAFF 5 Fieldsopes				Wide DS Fieldscope Eyepieces			Fieldmicroscope EZ-Micro	
		FEP-20W	FEP-30W	FEP-38W	FEP-50W	FEP-75W	FEP-25LER	MEP-38W	MEP-20-60 (at lowest magnification)	MEP-20-60 (at highest magnification)	MEP-30-60W (at lowest magnification)	MEP-30-60W (at highest magnification)	SEP-25	SEP-38W	SEP-20-60 (at lowest magnification)	SEP-20-60 (at highest magnification)	16x/24x/30x Wide DS	27x/40x/50x Wide DS		40x/60x/75x Wide DS
P6000	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	o	o	o
	T	Δ	o	o	o	o	Δ	-	-	-	-	-	-	-	-	-	Δ	o	o	o
P5100	W	o	Δ	o	o	o	x	-	-	-	-	-	-	-	-	-	o	o	o	o
	M	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	o	o	o
	T	Δ	o	o	o	o	Δ	-	-	-	-	-	-	-	-	-	o	o	o	o
P5000	W	o	Δ	o	o	o	x	-	-	-	-	-	-	-	-	-	o	o	o	o
	M	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	o	o	o
	T	Δ	o	o	o	o	Δ	-	-	-	-	-	-	-	-	-	o	o	o	o
P340	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	o	o	o
	T	o	o	o	o	o	x	-	-	-	-	-	-	-	-	-	o	o	o	o
P330	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	o	o	x	x	x	o	-	-	-	-	-	-	-	-	-	x	x	x	x
	T	o	x	o	o	o	x	-	-	-	-	-	-	-	-	-	o	o	o	o
P310	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	o	o	o
	T	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	o	o	o
P300	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	o	o	o
	T	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	o	o	o
S5200	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	o	o	x	x	x	x	-	-	-	-	-	-	-	-	-	o	o	x	o
	T	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	o	o	o
S5100	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	o	o	o	o	Δ	x	-	-	-	-	-	-	-	-	-	o	o	o	o
	T	Δ	Δ	o	Δ	o	x	-	-	-	-	-	-	-	-	-	Δ	o	o	o
S4400	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	o	o	x	x	x	o	-	-	-	-	-	-	-	-	-	o	o	x	o
	T	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	x	x	o	o
S4300	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	o	o	o
	T	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	o	o	o
S4150	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	o	x	o	o	o	o	-	-	-	-	-	-	-	-	-	Δ	Δ	x	o
	T	o	Δ	o	o	o	o	-	-	-	-	-	-	-	-	-	o	Δ	o	o
S4100	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	o	o	o
	T	Δ	Δ	Δ	Δ	Δ	Δ	-	-	-	-	-	-	-	-	-	o	Δ	Δ	Δ
S4000	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	o	o	o
	T	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	o	o	o
S3300	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	Δ	o	o
	T	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	o	o	o
S3100	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	o	o	o	o	x	o	-	-	-	-	-	-	-	-	-	o	o	x	o
	T	Δ	Δ	o	o	o	Δ	-	-	-	-	-	-	-	-	-	o	o	Δ	Δ
S3000	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	o	o	o
	T	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	o	o	o
S2900	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	x	o	x
	T	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	o	o	o
S2800	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	o	o	o
	T	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	o	o	o
S2750	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	o	o	o	x	x	o	-	-	-	-	-	-	-	-	-	x	o	x	x
	T	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	x	x	o	o
S2700	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	o	x	o	x	x	x	-	-	-	-	-	-	-	-	-	x	o	x	x
	T	o	o	o	o	o	x	-	-	-	-	-	-	-	-	-	x	x	o	o
S2600	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	o	x	o
	T	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	o	o	o
S2500	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	x	Δ	o
	T	Δ	Δ	Δ	Δ	Δ	Δ	-	-	-	-	-	-	-	-	-	o	Δ	Δ	Δ
S710	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	o	o	o
	T	Δ	o	o	o	o	o	-	-	-	-	-	-	-	-	-	o	o	o	o
S700	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Δ	o	o	o
	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o	o	o	o
	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o	o	o	o
S640	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	-	-	-	-
	M	Δ	o	Δ	o	o	x	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	o	Δ	Δ	Δ	o	x	-	-	-	-	-	-	-	-	-	-	-	-	-
S620	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	Δ	o	o	o
	T	o	o	Δ	o	Δ	Δ	-	-	-	-	-	-	-	-	-	o	o	o	o
S610(c)	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	Δ	o	o	o	Δ	o	-	-	-	-	-	-	-	-	-	o	o	o	o
	T	Δ	Δ	Δ	Δ	o	Δ	-	-	-	-	-	-	-	-	-	Δ	o	o	Δ
S600	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o	o	o	o
	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Δ	Δ	Δ	Δ

		FEP Series for EDG Fieldscopes						MEP Series for MONARCH Fieldscopes				SEP Series for PROSTAFF 5 Fieldscopes				Wide DS Fieldscope Eyepieces			Fieldmicroscope EZ-Micro	
		FEP-20W	FEP-30W	FEP-38W	FEP-50W	FEP-75W	FEP-25LER	MEP-38W	MEP-20-60 (at lowest magnification)	MEP-20-60 (at highest magnification)	MEP-30-60W (at lowest magnification)	MEP-30-60W (at highest magnification)	SEP-25	SEP-38W	SEP-20-60 (at lowest magnification)	SEP-20-60 (at highest magnification)	16x/24x/30x Wide DS	27x/40x/50x Wide DS		40x/60x/75x Wide DS
S570	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	Δ	Δ	Δ	Δ	Δ	Δ	-	-	-	-	-	-	-	-	-	○	○	○	○
	T	Δ	Δ	Δ	Δ	Δ	Δ	-	-	-	-	-	-	-	-	-	Δ	○	○	○
S560	W	○	Δ	○	○	○	Δ	-	-	-	-	-	-	-	-	-	-	-	-	-
	M	○	Δ	○	Δ	x	○	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	Δ	Δ	Δ	Δ	x	○	-	-	-	-	-	-	-	-	-	-	-	-	-
S520	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	○	○	Δ
	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	○	○	Δ
	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	○	○	○
S510	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	x	○	Δ
	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	○	Δ	Δ
	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	○	○	○
S500	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	x	○	○
	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	○	Δ	Δ
	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	○	○	○
S230	W	Δ	Δ	Δ	○	Δ	x	-	-	-	-	-	-	-	-	-	○	○	○	○
	M	○	○	○	○	○	○	-	-	-	-	-	-	-	-	-	○	○	○	○
	T	○	○	○	○	○	Δ	-	-	-	-	-	-	-	-	-	○	○	○	○
S220	W	Δ	Δ	Δ	○	○	x	-	-	-	-	-	-	-	-	-	○	○	○	○
	M	○	○	○	○	○	○	-	-	-	-	-	-	-	-	-	○	○	○	○
	T	○	○	○	○	○	Δ	-	-	-	-	-	-	-	-	-	○	○	○	○
S33	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x	○
	M	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	x	○	○
	T	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	x	○	○	○
S32	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x	○
	M	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	x	○	○
	T	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	○	○	○
S31	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x	○
	M	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	x	○	○	○
	T	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	x	○	○	○
S30	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	○	○	○	○	○	○	-	-	-	-	-	-	-	-	-	○	○	○	○
	T	○	○	○	○	○	○	-	-	-	-	-	-	-	-	-	○	○	○	○
A100	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x	○
	M	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	x	○	○
	T	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	○	○	○
A10	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x	○
	M	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	x	○	○
	T	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	○	○	○
W150	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x	○
	M	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	x	○	○
	T	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	○	○	○
W100	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x	○
	M	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	x	○	○
	T	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	○	○	○
L32	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x	○
	M	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	x	○	○
	T	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	○	○	○
L31	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x	○
	M	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	x	○	○
	T	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	○	○	○
L30	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x	○
	M	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	○	○	○
	T	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	○	○	○
L29	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x	○
	M	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	○	○	○
	T	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	○	○	○
L28	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x	○
	M	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	x	○	○
	T	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	○	○	○
L27	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x	○
	M	○	x	○	○	○	○	-	-	-	-	-	-	-	-	○	○	x	○	○
	T	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	○	○	○
L26	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x	○
	M	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	x	○	○
	T	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	○	○	○
L25	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x	○
	M	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	○	○	○
	T	○	○	○	○	○	○	-	-	-	-	-	-	-	-	○	○	○	○	○
L23	W	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	x	x	x	x
	M	○	○	○	○	○	○	-	-	-	-	-	-	-	-	-	○	○	○	○
	T	Δ	Δ	Δ	Δ	Δ	Δ	-	-	-	-	-	-	-	-	-	Δ	Δ	Δ	Δ
L22	W	○	○	○	○	○	○	-	-	-	-	-	-	-	-	-	○	○	○	○
	M	○	○	○	○	○	○	-	-	-	-	-	-	-	-	-	○	○	○	○
	T	○	○	○	○	○	○	-	-	-	-	-	-	-	-	-	○	○	○	○
L21	W	○	○	○	○	○	○	-	-	-	-	-	-	-	-	-	○	○	○	○
	M	○	○	○	○	○	○	-	-	-	-	-	-	-	-	-	○	○	○	○
	T	○	○	○	○	○	○	-	-	-	-	-	-	-	-	-	○	○	○	○
L20	W	○	○	○	○	○	x	-	-	-	-	-	-	-	-	-	○	○	○	○
	M	○	○	○	○	○	Δ	-	-	-	-	-	-	-	-	-	○	○	○	○
	T	○	○	Δ	○	○	Δ	-	-	-	-	-	-	-	-	-	○	○	○	○
L19	W	○	○	○	○	○	○	-	-	-	-	-	-	-	-	-	○	○	○	○
	M	○	○	○	○	○	○	-	-	-	-	-	-	-	-	-	○	○	○	○
	T	○	○	Δ	○	○	○	-	-	-	-	-	-	-	-	-	○	○	○	○

* The compatibility of COOLPIX released after October 2008.

Compatible COOLPIX digital cameras for PROSTAFF 5 Fieldscopes 82/82-A/60/60-A: COOLPIX cameras released since February, 2011 have been evaluated.

Compatible COOLPIX digital cameras for MONARCH Fieldscope 82ED-S/82ED-A/60ED-S/60ED-A : COOLPIX cameras released since January, 2016 have been evaluated.

W: With wide setting M: With middle setting T: With telephoto setting
○: Slight vignetting Δ: Vignetting x: Heavy vignetting at the periphery

Note:

- Vignetting and shadow may occur depending on the model of COOLPIX, its position, and zoom setting (W, M, T) so on. Please carefully adjust the camera position so that vignetting and shadow is minimized.
- Please be careful that there is possibility that the end of the zoom lens hit against the eyepiece if the camera position is adjusted with wide setting.
- We recommend that you take several pictures because sometimes it is difficult to set the focus with camera's AF function.