

Type	V38-mount	V38-mount	V38-mount	V38-mount	V38-mount	V38-mount	V38-mount	V38-mount	V38-mount	V38-mount
Focal length [mm]	28	35	40	45	50	60	80	100	120	120
Resolution	2K	2K	3K	3K	3K	4K	6K	8K	12K	12K
Format [mm]	30	30	43.2	43.2	43.2	60	78	100	90	90
F# range	2.8-6	2.6-6	2.8-6	4.0-6	2.8-6	4.0-6	4.0-6	5.6-6	5.6-6	5.6-6
Magnification	0.04X, 0.1X, 0.33X	0.04X, 0.1X, 0.33X	0.04X, 0.1X, 0.33X	0.04X, 0.17X, 0.33X	0.04X, 0.17X, 0.33X	0.04X, 0.17X, 0.33X	0.08X, 0.17X, 0.33X	0.08X, 0.17X, 0.33X	0.26X, 0.32X, 0.38X	0.88X, 1X, 1.13X
MTF curve available	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Working Distance [mm]	748~308~104	1067~444~154	1198.5~315~175.6	1198.5~315~175.6	638~336~185	1544~405.6~226	1026~543~303	1315~700~393	549.66~464~405.25	231~214~200
Front diameter [mm]	47	47	47	47	47	47	46.6	47	47	44
Focusing range[mm]	21.4~23.16~29.79	893~371~128	40.28~46.1~53.75	40.28~46.1~53.75	39.32~43.44~51.78	51.42~58.94~68.8	69.20~75.85~89.04	87.18~95.59~112.45	130.47~125.36~139.58	199.57~ 214.64~229.70
Flange Focus[mm]	25.13	30.75	38.11	42.35	42	53.29	77.5	95.87	113	113
Filter winding	M37x0.75	M37x0.75	M37x0.75	M37x0.75	M37x0.75	M37x0.75	M37x0.75	M37x0.75	M40.5x0.5	M40.5 x 0.5
Distortion [%]	1.50%	0.40%	0.50%	0.50%	-0.40%	<0.2%	-0.20%	<0.20%	-0.10%	<0.004%
Distortion curve available	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Wavelength [nm]	400-1000nm	400-1000nm	400-1000nm	400-1000nm	400-1000nm	400-1000nm	400-1000nm	400-1000nm	400-1000nm	400-1000nm
Max image circle[mm]	35	35	46.2	46.2	46.2	46.2	85	108	108	108
Operating Temperature [°C]	-20 to +65	-20 to +65	-20 to +65	-20 to +65	-20 to +65	-20 to +65	-20 to +65	-20 to +65	-20 to +65	-20 to +65
Dimension[mm]	∅ 47x 30	∅ 47x 28.5	∅ 47x 28.5	∅ 47x 30	∅ 47x 28.5	∅ 47x 30.5	∅ 46.6x 38.5	∅ 47x 28.5	∅ 47x 32.5	∅ 47x 32.5
Ordering code	ELS-28/2.8V	ELS-35/2.6V	ELS-40/2.8V	ELS-45/4.0V	ELS-50/2.8V	ELS-60/4.0V	ELS-80/4.0V	ELS-100/5.6V	ELS-120/5.6V-0.3X	ELS-120/5.6V-1.0X
Availability	On stock	On stock	On stock	On stock	On stock	On stock	On stock	On stock	On stock	On stock

V-mount accessories	
AZURE-ADV10	V-mount tube 10mm
AZURE-ADV17.4-29.4	V-mount tube 17.4-29.4mm
AZURE-ADV20-27	V-mount tube 20-27mm
AZURE-ADV6.5	V-mount to T/M42-mount adapter
AZURE-ADV9	V-mount to F-mount adapter
AZURE-ADVC	V-mount to C-mount adapter
AZURE-ADVM58(20-27)	V-mount to M58-mount adapter
AZURE-ADM58M72	M58-mount to M72-mount adapter
AZURE-ETM58(25)	25mm Tube M58*0.75
AZURE-ADM72D	V-mount to Dalsa adapter(reference Piranha 2 P2-2x-xxx40)

