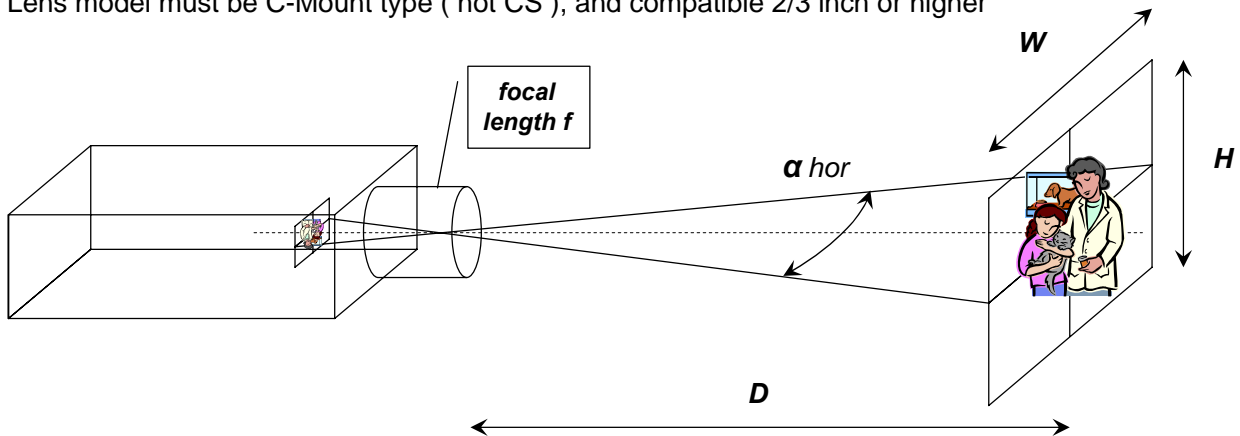


Selecting a lens for **BASLER A622f** camera

Lens model must be C-Mount type (not CS), and compatible 2/3 inch or higher



f (mm)	α_{hor} (°)	α_{vert} (°)	α_{diag} (°)	W (m)	H (m)	W (m)	H (m)
3.00	110.04	97.66	122.70	1.429	1.143	14.29	11.43
4.00	93.98	81.23	107.86	1.072	0.858	10.72	8.58
6.00	71.10	59.52	84.93	0.715	0.572	7.15	5.72
8.00	56.38	46.42	68.93	0.536	0.429	5.36	4.29
12.00	39.33	31.91	49.18	0.357	0.286	3.57	2.86
16.00	30.01	24.20	37.89	0.268	0.214	2.68	2.14
25.00	19.47	15.63	24.78	0.172	0.137	1.72	1.37
35.00	13.97	11.20	17.83	0.123	0.098	1.23	0.98
50.00	9.80	7.85	12.53	0.086	0.069	0.86	0.69
75.00	6.54	5.24	8.38	0.057	0.046	0.57	0.46
100.00	4.91	3.93	6.29	0.043	0.034	0.43	0.34

Note 1 : exact focal length depends on available models from lens manufacturers

Note 2 : each lens has a minimum object distance, that may be longer than 0.5 m