



Digital Photography School

Hyperfocal Distance Chart for Full Frame Cameras

		Focal Length				
Aperture	16 mm	20 mm	24 mm	28 mm	35 mm	50 mm
f/2.8	3.0 m	4.8 m	6.9 m	9.3 m	15 m	30 m
f/4	2.1 m	3.3 m	4.8 m	6.5 m	10 m	21 m
f/5.6	1.5 m	2.4 m	3.4 m	4.7 m	7.3 m	15 m
f/8	1.1 m	1.7 m	2.4 m	3.3 m	5.1 m	10 m
f/11	0.8 m	1.2 m	1.7 m	2.4 m	3.7 m	7.6 m
f/16	0.5 m	0.8 m	1.2 m	1.6 m	2.6 m	5.2 m
f/22	0.4 m	0.6 m	0.9 m	1.2 m	1.9 m	3.8 m

Metric System (distances in meters)

		Focal Length				
Aperture	16 mm	20 mm	24 mm	28 mm	35 mm	50 mm
f/2.8	10 ft	16 ft	23 ft	30 ft	47 ft	97 ft
f/4	7.0 ft	11 ft	16 ft	21 ft	33 ft	68 ft
f/5.6	5.0 ft	7.8 ft	11 ft	15 ft	24 ft	48 ft
f/8	3.5 ft	5.5 ft	7.9 ft	11 ft	17 ft	34 ft
f/11	2.5 ft	4.0 ft	5.7 ft	7.8 ft	12 ft	25 ft
f/16	1.7 ft	2.7 ft	3.9 ft	5.4 ft	8.4 ft	17 ft
f/22	1.3 ft	2.0 ft	2.9 ft	3.9 ft	6.1 ft	12 ft

Imperial System (distances in feet)