

FOCAL LENGTHS

FOCAL LENGTH	VIEWING ANGLE	USE	CHARACTERISTICS
300 – 500 mm	5-8 degrees	Wildlife / Sports	Give shallow depth of field. Telephoto lenses usually flatten or compress perspective. Useful for isolating the subject, increased risk of camera shake-usually needs a tripod
200 mm	12 degrees	Sports / Candid	
135 mm	18 degrees	Candid	
80 – 105 mm	23 – 30 degrees	Portraits	
35 – 50 mm	42 – 64 degrees	Standard everyday lens	
24 – 28	74 – 84 degrees	Interiors and architecture	Have greater depth of field. Usually extend or distort perspective. Useful for showing large subjects from close up. Great for deliberate distortion.
8 mm (fisheye)	180 degrees	Interiors and Panoramic Effects.	