Lens Angle of View Chart for the Long Dimension of the Film.

Half frame	Half frame	35 mm	35 mm	645	645	6x6 cm	6x6 cm	6x7 cm	6x7 cm	6x9 cm	6x9 cm	4x5 in	4x5 in	5x7 in	5x7 in	8x10in	8x10in
Focal Length	Angle of View	Focal Length	Angle of View	Focal Length	Angle of View	Focal Length	Angle of View	Focal Length	Angle of View	Focal Length	Angle of View	Focal Length	Angle of View	Focal Length	Angle of View	Focal Length	Angle of View
		12mm	113°	24mm fisheye	144°	30mm fisheye	112°	35mm fisheye	180°			35mm	120°				
		15mm	100°									47mm	104°				
		16mm	97									58mm	92°	75 mm	97°		
		19mm	87									65mm	86°	90mm	87°	120mm	90°
		21mm	81°					43mm	78°	50mm	81°	72mm	80°	100mm	81°	150mm	78°
		24mm	74°	35mm	76°	38mm	72°	45mm	75°			75mm	78°	120mm	71°	165mm	73°
		25mm	72°									90mm	68°				
		28mm	65°	45mm	63°	40mm	69°	50mm	69°	65mm	66°	100mm	62°	135mm	64°		
						50mm	58°	55mm	65°	75mm	59°	110mm	58°	150mm	59°	210mm	60°
		35mm	54 °	55mm	53°	55mm	53°	65mm	56°			120mm	53°	165mm	54°	240mm	54°
25mm	51°			60mm	49°					90mm	51°	127mm	51°	180mm	51°		
		40mm	48°			60mm	49°	75mm	49°	101mm	48°	135mm	48°				
		45mm	44°					80mm	46°	105mm	44°	150mm	44°	210mm	44°	300mm	44°
		50mm	40°			75mm	40°	90mm	42°	120mm	39°	165mm	40°	240mm	39°		
38mm	35°	55mm	36°			80mm	39°	100mm	39°	135mm	35°	180mm	37°			360mm	37°
40mm	33°	60mm	33°			90mm	34°	105mm	36°								
		65mm	31°			100mm	31°	120mm	31°	150mm	32°	210mm	31°	300mm	32°		
						105mm	30°	127mm	30°								
		75mm	27°			110mm	28°	140mm	27°	180mm	27°	240mm	28°	360mm	27°		
		85mm	24°			120mm	25°	150mm	26°								
60mm	23°	90mm	23°	140mm	22°	135mm	23°	165mm	24°			300mm	23°	450mm	21°	600mm	23°
		100mm	20			150mm	21°	180mm	22°					480mm	20°		
70mm	19°	105mm	19°					200mm	20°	250mm	19°	360mm	19°				
100mm	14°	135mm	15°	210mm	15°	180mm	17°	210mm	19°			450mm	15°			800mm	17°
		180mm	12°			250mm	12°	250mm	16°	360mm	13°	480mm	14°			1200 mm	12°
150mm	9°	200mm	10°	300mm	10°	350mm	9°	350mm	11.4°								
		280mm	7.4°	350mm	9°			360mm	11°								
		300mm	7°			500mm	6.4°	500mm	8°	500mm	10°						
		400mm	5°														
		580mm	3.6°														
		800mm	2.6°														