

Technical Data

ZEISS Compact Prime CP.3 and CP.3 XD lenses

	Aperture	Close Focus ¹	Length ²	Front diameter	Weight	Horizontal Angle of View					
						Full-Frame ³	APS-H ⁴	Super 35 ⁵	Normal 35 ⁶	APS-C ⁷	MFT ⁸
CP.3 & CP.3 XD 15 mm T2.9	T 2.9 to T 22	0.3 m 12"	83.7 mm 3.30"	95 mm 3,7"	0.87 kg 1.9 lbs	100°	90°	79°	73°	73°	60°
CP.3 & CP.3 XD 18 mm T2.9	T2.9 to T22	0.3 m 12"	83.7 mm 3.30"	95 mm 3,7"	0.86 kg 1.9 lbs	89°	80°	69°	63°	64°	51°
CP.3 & CP.3 XD 21 mm T2.9	T 2.9 to T 22	0.24 m 10"	83.7 mm 3.30"	95 mm 3,7"	0.82 kg 1.8 lbs	81°	71°	61°	55°	56°	45°
CP.3 & CP.3 XD 25 mm T2.1	T 2.1 to T 22	0.26 m 10"	83.7 mm 3.30"	95 mm 3,7"	0.82 kg 1.8 lbs	72°	62°	53°	47°	48°	38°
CP.3 & CP.3 XD 28 mm T2.1	T 2.1 to T 22	0.24 m 10"	83.7 mm 3.30"	95 mm 3,7"	0.84 kg 1.9 lbs	65°	57°	48°	43°	43°	34°
CP.3 & CP.3 XD 35 mm T2.1	T 2.1 to T 22	0.3 m 12"	83.7 mm 3.30"	95 mm 3,7"	0.80 kg 1.8 lbs	54°	47°	39°	35°	35°	28°
CP.3 & CP.3 XD 50 mm T2.1	T 2.1 to T 22	0.45 m 18"	83.7 mm 3.30"	95 mm 3,7"	0.77 kg 1.7 lbs	40°	34°	28°	25°	25°	20°
CP.3 & CP.3 XD 85 mm T2.1	T 2.1 to T 22	1 m 3'3"	83.7 mm 3.30"	95 mm 3,7"	0.88 kg 1.9 lbs	24°	20°	17°	15°	15°	12°
CP.3 & CP.3 XD 100 mm T2.1	T 2.1 to T 22	0.7 m 2'6"	126.5 mm 4.98"	95 mm 3,7"	1.01 kg 2.2 lbs	20°	17°	14°	13°	13°	10°
CP.3 & CP.3 XD 135 mm T2.1	T 2.1 to T 22	1 m 3'3"	126.5 mm 4.98"	95 mm 3,7"	1.15 kg 2.5 lbs	15°	13°	11°	9°	9°	7°

¹ Close focus distance is measured from the image plane

² Front to PL mount flange

³ Horizontal angle of view for a full-frame camera (aspect ratio 1:1.5, dimensions 36 mm x 24 mm / 1.42" x 0.94")

⁴ Horizontal angle of view for an APS-H camera (aspect ratio 1:1.81, dimensions 30.2 mm x 16.7 mm / 1.19" x 0.66")

⁵ Horizontal angle of view for an ANSI Super 35 Silent camera (aspect ratio 1:1.33, dimensions 24.9 mm x 18.7 mm / 0.98" x 0.74")

⁶ Horizontal angle of view for a Normal 35 Academy camera (aspect ratio 1:1.37, dimensions 22 mm x 16 mm / 0.87" x 0.63")

⁷ Horizontal angle of view for an APS-C camera (aspect ratio 1:1.50, dimensions 22.3 mm x 14.9 mm / 0.88" x 0.59")

⁸ Horizontal angle of view for a Micro 4/3 (MFT) camera (aspect ratio 1:1.33, dimensions 17.3 mm x 13 mm / 0.68" x 0.51")