

型番		Product Name		HF12XA-1F
焦点距離 [mm]		Focal length [mm]		12
		(design value)		(12.40)
	標準プレート		Standard Plate	F1.6
	プレートC		Plate "C"	F4
絞り (F値)	プレートE	Iris (Fnumber)	Plate "E"	F8
画角 (H × V)		Angle of view		40.1° × 30.3° (2/3")
フォーカス範囲 (レンズメカ先端より) [mm]		Working distance (from front of lens barrel) [mm]		∞ - 100
必要なねじ込み量 [mm]*2		Required maximum screw-in length [mm]*2		7.8
操作方法:フォーカス		Operation of focus		Fixed
操作方法:アイリス		Operation of iris		Fixed
フィルタ径 [mm]		Filter thread [mm]		M25.5 × 0.5
マウント		Mount		C-mount
質量 (約) [g]		Weight (approx.) [g]		99
適合センサーサイズ (標準)		Sensor size (std.)		2/3" (3.45μm)
適合センサーサイズ (最大)		Sensor size (max.)		1/1.2" (4.5μm)
バックフォーカス (空気換算長) [mm]		Back focal length (in air) [mm]		11.89
フランジバック [mm]		Flange back [mm]		17.526
入射瞳位置 (マウント面から) [mm]		Entrance pupil position (from Mount) [mm]		-35.64
射出瞳位置 (結像面より) [mm]		Exit pupil position (from image plane) [mm]		-134.01
前側主点 (マウント面から) [mm]		Front principal point (from Mount) [mm]		-24.44
後側主点 (マウント面から) [mm]		Rear principal point (from Mount) [mm]		5.13
主点間隔 [mm]		Distance between the principal points [mm]		29.57
TVディストーション [%]		TV distortion [%]		-1.26
外形寸法 [mm]		Dimension [mm]		φ34× 58.7
主光線入射角度 [°]		Chief Ray Angle [°]		1.85
周辺光量比 [%] (対角端)	標準プレート		Standard Plate	45
	プレートC	Relative illumination [%] (Image height : at diagonal)	Plate "C"	92
	プレートE		Plate "E"	95
使用温度範囲		Operation Temperature Range		-10℃ ~ +50℃
保存温度範囲		Storage Temperature Range		-30℃ ~ +60℃

*1 These specifications are subject to change without notice.

*2 This is the maximum screw-in length required when the object distance is used with INF.

Be sure to check this lens can be attached to your camera before purchase.