

## **FUJINON**

Focal length [mm]	型番	Product Name	Ver.3.0 <b>HF1218-12M</b>
(design value) (12.30) (プローロー (design value) (12.30) (プローローローロー (design value) (12.30) (プローローローローローローローローローローローローローローローローローローロー	焦点距離 [mm]	Focal length [mm]	
Angle of view   39.3° × 30.0° (2/3")   27-カス範囲(レンズメカ先端より)[mm]   Working distance (from front of lens barrel) [mm]		(design value)	(12.30)
Angle of view   39.3° × 30.0° (2/3")   27-カス範囲(レンズメカ先端より)[mm]   Working distance (from front of lens barrel) [mm]			
ポーカス範囲(レンズメカ先端より)[mm] Working distance (from front of lens barrel) [mm] の	画角 (H x V)		39.3° × 30.0° (2/3")
(from front of lens barrel) [mm]  が作方法:フォーカス Operation of focus Manual  が作方法:アイリス Operation of firis Manual  がルク径 [mm] Filter thread [mm] M30.5 x 0.5  ヴント Mount C-mount  章星 (約) [g] 85  ⑥合センサーサイズ (標準) Sensor size (std.) 2/3" (2.1 μm)  ⑥合センサーサイズ (標準) Sensor size (max.) 1/1.2" (4.5 μm)  ⑥クフォーカス (空気換算長) [mm] Back focal length (in air) [mm] 16.66  「ランジパック [mm] Flange back [mm] 17.526  Entrance pupil position (from Mount) [mm] 29.41  財職位置 (お像面より) [mm] Exit pupil position (from image plane) [mm] -36.75  明側主点 (マウント面から) [mm] Front principal point (from Mount) [mm] 5.23  空点間隔 [mm] Distance between the principal points [mm] 26.87  レデストーション [%] TV distortion [%] 0.18  NHで対法 [mm] Dimension [mm] φ33 x 52.5  E光線入射角度 [°] Relative illumination [%] (Aperture: F4.0, 94	フォーカス範囲 (レンズメカ先端より) [mm]	Working distance	
(ド方法:アイリス Operation of iris Manual M30.5 x 0.5 Pilter thread [mm] M30.5 x 0.5 M30.5 x 0		(from front of lens barrel) [mm]	
Filter thread [mm]	操作方法:フォーカス	Operation of focus	Manual
プラント Mount C-mount 題量(約)[g] Weight (approx.) [g] 85 適合センサーサイズ (標準) Sensor size (std.) 2/3" (2.1µm) 適合センサーサイズ (最大) Sensor size (max.) 1/1.2" (4.5µm) 適合センサーサイズ (最大) Sensor size (max.) 1/1.2" (4.5µm) (グウフォーカス (空気換算長) [mm] Back focal length (in air) [mm] 16.66 「ランジバック [mm] Flange back [mm] 17.526  「即瞳位置 (マウント面から) [mm] Exit pupil position (from Mount) [mm] 29.41  「対出瞳位置 (結像面より) [mm] Exit pupil position (from image plane) [mm] -36.75  「利里点点 (マウント面から) [mm] Front principal point (from Mount) [mm] 5.23  「点側主点 (マウント面から) [mm] Rear principal point (from Mount) [mm] 5.23  「点間隔 [mm] Distance between the principal points [mm] 26.87  「マグマストーション [%] TV distortion [%] 0.18  「ドマオストーション [%] Dimension [mm] ゆ33 × 52.5  「光線入射角度 [°] Chief Ray Angle [°] 8.34  Relative illumination [%] (Aperture: F4.0, 94		Operation of iris	Manual
題 (約) [g] Weight (approx.) [g] 85 適合センサーサイズ (標準) Sensor size (std.) 2/3" (2.1μm) 適合センサーサイズ (最大) Sensor size (max.) 1/1.2" (4.5μm) 適合センサーサイズ (最大) Sensor size (max.) 1/1.2" (4.5μm)  あっと (空気換算長) [mm] Back focal length (in air) [mm] 16.66  「ランジバック [mm] Flange back [mm] 17.526  Entrance pupil position	フィルタ径 [mm]	Filter thread [mm]	M30.5 x 0.5
語合センサーサイズ (標準) Sensor size (std.) 2/3" (2.1μm) 語合センサーサイズ (最大) Sensor size (max.) 1/1.2" (4.5μm) 語グウフォーカス (空気換算長) [mm] Back focal length (in air) [mm] 16.66 ランジバック [mm] Flange back [mm] 17.526 Entrance pupil position (from Mount) [mm] 29.41  対出瞳位置 (結像面より) [mm] Exit pupil position (from image plane) [mm] -36.75  が側主点 (マウント面から) [mm] Front principal point (from Mount) [mm] -21.64  を側主点 (マウント面から) [mm] Rear principal point (from Mount) [mm] 5.23  E点間隔 [mm] Distance between the principal points [mm] 26.87  Vディストーション [%] TV distortion [%] 0.18  N・デオ法 [mm] Dimension [mm] ゆ33 × 52.5 E・光線入射角度 [°] Chief Ray Angle [°] 8.34  Relative illumination [%] (Aperture: F4.0, 94	マウント	Mount	C-mount
語合センサーサイズ (標準) Sensor size (std.) 2/3" (2.1μm) 語合センサーサイズ (最大) Sensor size (max.) 1/1.2" (4.5μm) 語グウフォーカス (空気換算長) [mm] Back focal length (in air) [mm] 16.66 ランジバック [mm] Flange back [mm] 17.526 Entrance pupil position (from Mount) [mm] 29.41  対出瞳位置 (結像面より) [mm] Exit pupil position (from image plane) [mm] -36.75  が側主点 (マウント面から) [mm] Front principal point (from Mount) [mm] -21.64  を側主点 (マウント面から) [mm] Rear principal point (from Mount) [mm] 5.23  E点間隔 [mm] Distance between the principal points [mm] 26.87  Vディストーション [%] TV distortion [%] 0.18  N・デオ法 [mm] Dimension [mm] ゆ33 × 52.5 E・光線入射角度 [°] Chief Ray Angle [°] 8.34  Relative illumination [%] (Aperture: F4.0, 94	質量 (約) [g]	Weight (approx.) [g]	85
語合センサーサイズ (最大) Sensor size (max.) 1/1.2" (4.5μm) 16.66 [ランジバック [mm]] 16.66 [ランジバック [mm]] 17.526 [Entrance pupil position (from Mount) [mm]] -29.41 [Exit pupil position (from image plane) [mm]] -36.75 [mm] [mm] [mm] [mm] [mm] [mm] [mm] [mm			2/3" (2.1µm)
Back focal length (in air) [mm]			
Entrance pupil position (from Mount) [mm] -29.41  対出瞳位置 (結像面より) [mm] Exit pupil position (from image plane) [mm] -36.75  が側主点 (マウント面から) [mm] Front principal point (from Mount) [mm] -21.64  を側主点 (マウント面から) [mm] Rear principal point (from Mount) [mm] 5.23  三点間隔 [mm] Distance between the principal points [mm] 26.87  Vディストーション [%] TV distortion [%] 0.18  N・形寸法 [mm] Dimension [mm] φ33 × 52.5  三光線入射角度 [°] Chief Ray Angle [°] 8.34  Relative illumination [%] 94		Back focal length (in air) [mm]	
(from Mount) [mm]	フランジバック [mm]	Flange back [mm]	17.526
State   Common Mount   Common M	入射瞳位置 (マウント面から) [mm]	Entrance pupil position	-29.41
(from image plane) [mm] -36.75 前側主点(マウント面から)[mm] Front principal point (from Mount) [mm] -21.64 を側主点(マウント面から)[mm] Rear principal point (from Mount) [mm] 5.23 三点間隔 [mm] Distance between the principal points [mm] 26.87 Vディストーション [%] TV distortion [%] 0.18 N形寸法 [mm] Dimension [mm] φ33 × 52.5 三光線入射角度 [°] 8.34 Relative illumination [%] 94		(from Mount) [mm]	
(from image plane) [mm]  前側主点(マウント面から)[mm] Front principal point (from Mount) [mm] -21.64  を側主点(マウント面から)[mm] Rear principal point (from Mount) [mm] 5.23  三点間隔 [mm] Distance between the principal points [mm] 26.87  Vディストーション [%] TV distortion [%] 0.18  ト形寸法 [mm] Dimension [mm] φ33 × 52.5  三光線入射角度 [°] 8.34  Relative illumination [%] 94	射出瞳位置 (結像面より) [mm]	Exit pupil position	-36.75
機側主点 (マウント面から) [mm] Rear principal point (from Mount) [mm] 5.23 三点間隔 [mm] Distance between the principal points [mm] 26.87 Vディストーション [%] TV distortion [%] 0.18 ト形寸法 [mm] Dimension [mm] φ33 × 52.5 三光線入射角度 [°] Chief Ray Angle [°] 8.34 Relative illumination [%] (Aperture: F4.0, 94		(from image plane) [mm]	
E点間隔 [mm] 26.87 Vディストーション [%] TV distortion [%] 0.18 N形寸法 [mm] ゆ33 × 52.5 E光線入射角度 [°] Chief Ray Angle [°] 8.34 Relative illumination [%] (Aperture: F4.0, 94	前側主点 (マウント面から) [mm]	Front principal point (from Mount) [mm]	-21.64
Vディストーション [%] TV distortion [%] 0.18 ト形寸法 [mm] pimension [mm] p33 × 52.5 三光線入射角度 [°] 8.34 Relative illumination [%] 94	後側主点 (マウント面から) [mm]	Rear principal point (from Mount) [mm]	5.23
Dimension [mm] の33 × 52.5 E光線入射角度 [°] 8.34 Relative illumination [%] 94	主点間隔 [mm]	Distance between the principal points [mm]	26.87
E光線入射角度 [°]	TVディストーション [%]	TV distortion [%]	0.18
Relative illumination [%] 现光量比 (F4.0·対角端) [%] (Aperture: F4.0, 94	外形寸法 [mm]	Dimension [mm]	φ33 × 52.5
同辺光量比 (F4.0·対角端) [%] (Aperture: F4.0, 94	主光線入射角度 [°]	Chief Ray Angle [°]	8.34
· · · · · · · · · · · · · · · · · · ·	周辺光量比 (F4.0·対角端) [%]	Relative illumination [%]	
		(Aperture: F4.0,	94
Image height : at diagonal)		Image height: at diagonal)	
Relative illumination [%]	周辺光量比 (開放・対角端) [%]	Relative illumination [%]	
			53
Image height : at diagonal)		, ,	
	使用温度範囲		-10℃ ~ +50℃

These specifications are subject to change without notice.

10-May-19