

Produkt Name	Product Name	CF16ZA-1S
Brennweite [mm] (Designwert)	Focal length [mm] (design value)	16 (16.42)
Blende (F-Nummer)	Iris range (Fnumber)	F1.8-F16
Bildwinkel	Angle of view	47.3° × 36.1° (1.1")
Arbeitsabstand (von der Vorderseite des Objektivtubus) [mm]	Working distance (from front of lens barrel) [mm]	∞ - 100
Fokuseinstellung	Operation of focus	Manual
Blendensteuerung	Operation of iris	Manual
Filtergewinde [mm]	Filter thread [mm]	M37.5 × 0.5
Anschluss	Mount	C-mount
Gewicht (ca.) [g]	Weight (approx.) [g]	180
Sensorgroße (standard)	Sensor size (std.)	1.1" (2.5µm)
Sensorgroße (maximal)	Sensor size (max.)	1.1" (2.5µm)
Hintere Brennweite (in Luft) [mm]	Back focal length (in air) [mm]	21.85
Auflagemaß [mm]	Flange back [mm]	17.526
Eintrittspupillenposition (vom Anschluss) [mm]	Entrance pupil position (from Mount) [mm]	-48.25
Austrittspupillenposition (vom Bildsensor) [mm]	Exit pupil position (from image plane) [mm]	-88.43
Vordere Hauptpunktposition (vom Anschluss) [mm]	Front principal point (from Mount) [mm]	-35.21
Hintere Hauptpunktposition (vom Anschluss) [mm]	Rear principal point (from Mount) [mm]	1.10
Abstand zwischen den Hauptpunkten [mm]	Distance between the principal points [mm]	36.31
TV-Verzerrung [%]	TV distortion [%]	-0.80
Abmessungen [mm]	Dimension [mm]	φ39 × 67.0
Hauptstrahlwinkel [°]	Chief Ray Angle [°]	4.93
Relative Beleuchtung [%] (Blende: F4.0, Bildhöhe: diagonal)	Relative illumination [%] (Aperture: F4.0, Image height: at diagonal)	92
Relative Beleuchtung [%] (Blende: bei voller Öffnung, Bildhöhe: diagonal)	Relative illumination [%] (Aperture: at full open, Image height: at diagonal)	36
Betriebstemperaturbereich	Operation Temperature Range	-10°C ~ +50°C
Lagertemperaturbereich	Storage Temperature Range	-30°C ~ +60°C

*Diese Spezifikationen können ohne vorherige Ankündigung geändert werden.

28. February 2020

GK VISION GmbH - VISIONTECHNIK
Eggerstedter Weg 18
25421 Pinneberg

Tel.: +49 (0) 4101 805 0028
E-Mail: info@visiontechnik.de
Website: www.visiontechnik.de

型番	Product Name	CF16ZA-1S
焦点距離 [mm]	Focal length [mm] (design value)	16 (16.42)
絞り (F値)	Iris range (Fnumber)	F1.8-F16
画角 (H × V)	Angle of view	47.3° × 36.1° (1.1")
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
操作方法:フォーカス	Operation of focus	Manual
操作方法:アイリス	Operation of iris	Manual
フィルタ径 [mm]	Filter thread [mm]	M37.5 × 0.5
マウント	Mount	C-mount
質量 (約) [g]	Weight (approx.) [g]	180
適合センサーサイズ (標準)	Sensor size (std.)	1.1" (2.5μm)
適合センサーサイズ (最大)	Sensor size (max.)	1.1" (2.5μm)
バックフォーカス (空気換算長) [mm]	Back focal length (in air) [mm]	21.85
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]	-48.25
射出瞳位置 (結像面より) [mm]	Exit pupil position (from image plane) [mm]	-88.43
前側主点 (マウント面から) [mm]	Front principal point (from Mount) [mm]	-35.21
後側主点 (マウント面から) [mm]	Rear principal point (from Mount) [mm]	1.10
主点間隔 [mm]	Distance between the principal points [mm]	36.31
TVディストーション [%]	TV distortion [%]	-0.80
外形寸法 [mm]	Dimension [mm]	φ39 × 67.0
主光線入射角度 [°]	Chief Ray Angle [°]	4.93
周辺光量比 (F4.0・対角端) [%]	Relative illumination [%] (Aperture: F4.0, Image height: at diagonal)	92
周辺光量比 (開放・対角端) [%]	Relative illumination [%] (Aperture: at full open, Image height: at diagonal)	36
使用温度範囲	Operation Temperature Range	-10°C ~ +50°C
保存温度範囲	Storage Temperature Range	-30°C ~ +60°C

*These specifications are subject to change without notice.

28. February 2020

GK VISION GmbH - VISIONTECHNIK
Eggerstedter Weg 18
25421 Pinneberg

Tel.: +49 (0) 4101 805 0028
E-Mail: info@visiontechnik.de
Website: www.visiontechnik.de