

| Produkt Name                                                |                | Product Name                                             |                | HF12XA-1F            |
|-------------------------------------------------------------|----------------|----------------------------------------------------------|----------------|----------------------|
| Brennweite [mm]<br>(Designwert)                             |                | Focal length [mm]<br>(design value)                      |                | 12                   |
|                                                             |                |                                                          |                | (12.40)              |
| Blende (F-Nummer)                                           | Standardplatte | Iris (Fnumber)                                           | Standard Plate | F1.6                 |
|                                                             | Platte "C"     |                                                          | Plate "C"      | F4                   |
|                                                             | Platte "E"     |                                                          | Plate "E"      | F8                   |
| Bildwinkel                                                  |                | Angle of view                                            |                | 40.1° × 30.3° (2/3") |
| Arbeitsabstand (von der Vorderseite des Objektivtubus) [mm] |                | Working distance (from front of lens barrel) [mm]        |                | ∞ - 100              |
| Fokuseinstellung                                            |                | Operation of focus                                       |                | Fixed                |
| Blendensteuerung                                            |                | Operation of iris                                        |                | Fixed                |
| Filtergewinde [mm]                                          |                | Filter thread [mm]                                       |                | M25.5 × 0.5          |
| Anschluss                                                   |                | Mount                                                    |                | C-mount              |
| Gewicht (ca.) [g]                                           |                | Weight (approx.) [g]                                     |                | 99                   |
| Sensorgröße (standard)                                      |                | Sensor size (std.)                                       |                | 2/3" (3.45μm)        |
| Sensorgröße (maximal)                                       |                | Sensor size (max.)                                       |                | 1/1.2" (4.5μm)       |
| Hintere Brennweite (in Luft) [mm]                           |                | Back focal length (in air) [mm]                          |                | 11,89                |
| Auflagemaß [mm]                                             |                | Flange back [mm]                                         |                | 17,526               |
| Eintrittspupillenposition (vom Anschluss) [mm]              |                | Entrance pupil position (from Mount) [mm]                |                | -35,64               |
| Austrittspupillenposition (vom Bildsensor) [mm]             |                | Exit pupil position (from image plane) [mm]              |                | -134,01              |
| Vordere Hauptpunktposition (vom Anschluss) [mm]             |                | Front principal point (from Mount) [mm]                  |                | -24,44               |
| Hintere Hauptpunktposition (vom Anschluss) [mm]             |                | Rear principal point (from Mount) [mm]                   |                | 5,13                 |
| Abstand zwischen den Hauptpunkten [mm]                      |                | Distance between the principal points [mm]               |                | 29,57                |
| TV-Verzerrung [%]                                           |                | TV distortion [%]                                        |                | -1,26                |
| Abmessungen [mm]                                            |                | Dimension [mm]                                           |                | φ34× 58.7            |
| Hauptstrahlwinkel [°]                                       |                | Chief Ray Angle [°]                                      |                | 1,85                 |
| Relative Beleuchtung [%] (Bildhöhe:<br>Diagonal)            | Standardplatte | Relative illumination [%]<br>(Image height: at diagonal) | Standard Plate | 42                   |
|                                                             | Platte "C"     |                                                          | Plate "C"      | 90                   |
|                                                             | Platte "E"     |                                                          | Plate "E"      | 90                   |
| Betriebstemperaturbereich                                   |                | Operation Temperature Range                              |                | -10°C ~ +50°C        |
| Lagertemperaturbereich                                      |                | Storage Temperature Range                                |                | -30°C ~ +60°C        |

\*Diese Spezifikationen können ohne vorherige Ankündigung geändert werden.

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| 型番                       |        | Product Name                                      |                | HF12XA-1F            |
|--------------------------|--------|---------------------------------------------------|----------------|----------------------|
| 焦点距離 [mm]                |        | Focal length [mm]<br>(design value)               |                | 12<br>(12.40)        |
| 絞り (F値)                  | 標準プレート | F1.6                                              | Standard Plate | F1.6                 |
|                          | プレートC  | F4                                                | Plate "C"      | F4                   |
|                          | プレートE  | F8                                                | 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              |
| 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 | 45                                                | Standard Plate | 45                   |
|                          | プレートC  | 92                                                | Plate "C"      | 92                   |
|                          | プレートE  | 95                                                | Plate "E"      | 95                   |
| 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.

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