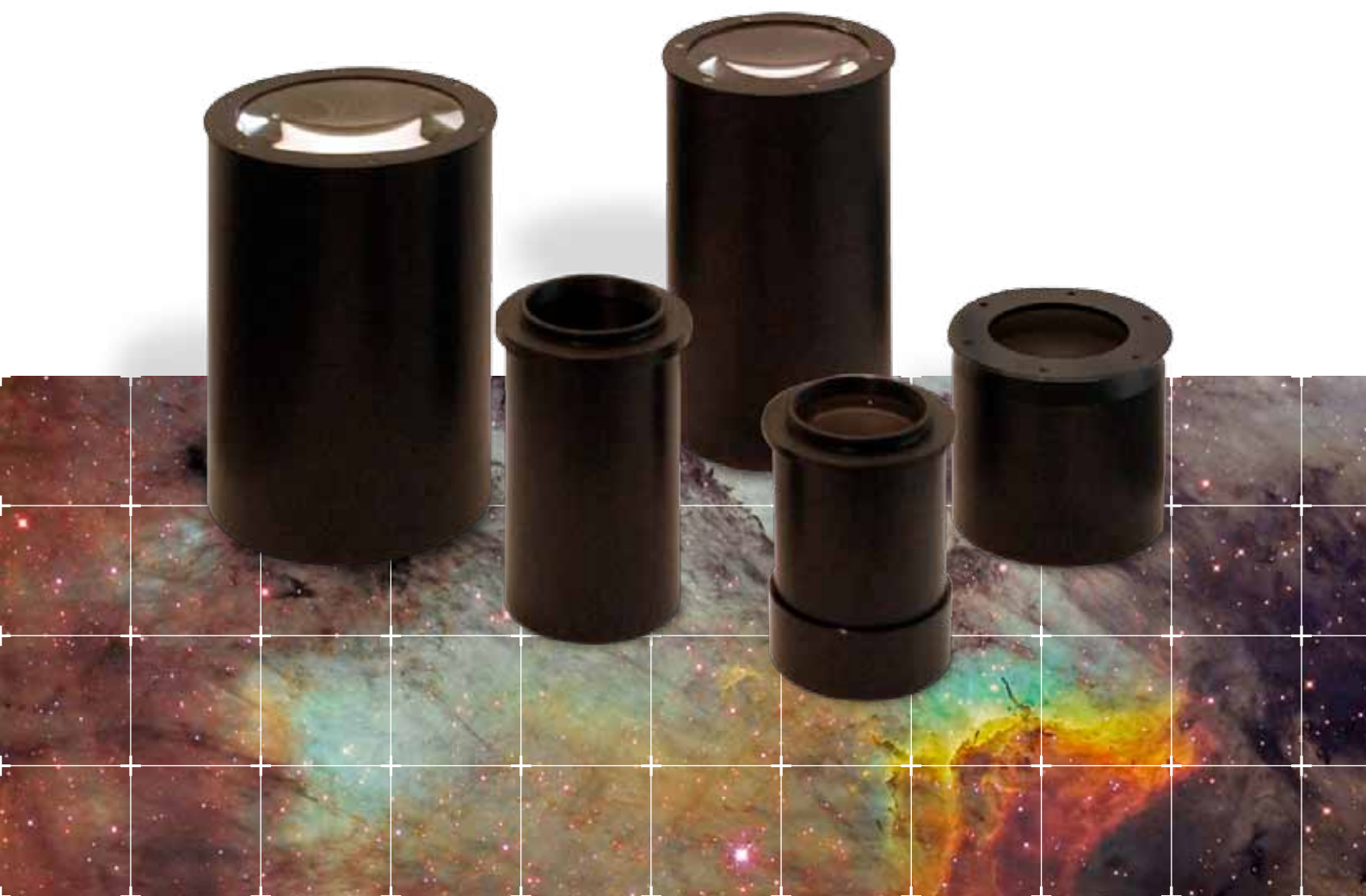


# ASA CORRECTORS

**The best solution for high demands in astrophotography**



# ASA Correctors

## INCREASING THE PERFORMANCE OF YOUR TELESCOPE SYSTEM

For the photographic correction of the Field of View (FOV) ASA produces correctors designed and calculated by German physicist and optical expert Philipp Keller. All correctors come with ample back focus to accommodate all common DSLR and CCD cameras.



Quality control within the system

**Best possible design.** Our correctors are not calculated for a small spectral bandwidth of 450 to 650nm, but are optimized for a wider bandwidth from 400 to 700nm and above. Every lens which is used in ASA correctors is re-measured in radius and thickness. Any lens which lies outside of the strict ASA tolerances is discarded.

**Production.** All our corrector tubes are manufactured in our company own CNC production. Only high-grade aluminum is used and processed within a 0,01mm tolerance. ASA's strict quality control of lenses and exact processing of corrector frame and mounting ultimately guarantee high-end products which today already have become the reference class by which to measure excellence.

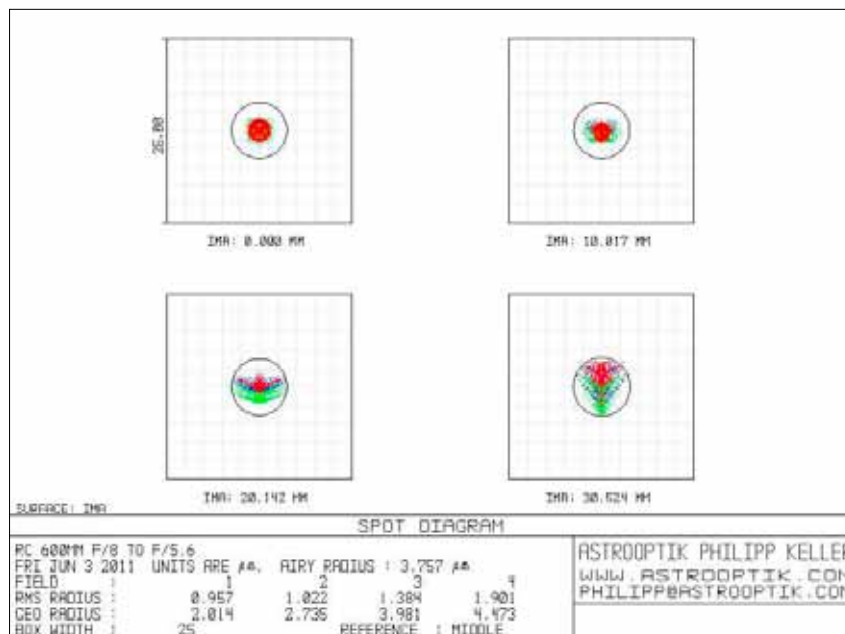
**Unique.** Every corrector is measured and tested within the system. For the highest grade lenses - deployed in professional Ritchey-Chrétien and Cassegrain systems - the actual diffraction index of the delivered glass batch furthermore is measured. Should deviations in the material occur, the design will be adapted individually to ensure that the theoretical precision is also achieved in practise.

**Custom-made designs.** ASA will also custom produce correctors for professionals. The correctors and hyperbolic astrographs designed for the new SuperWasp II project used to discover new Exo-Planets, e.g. are quality products by ASA.

## DOCUMENTED QUALITY

### Spot diagram example for the Ritchey-Chrétien Reducer

This design is optimized for a 60mm diagonal. For RCs the field of a 4x4k size plane (e.g. 16803 CCD sensor) is totally free of vignetting. The corrector is suitable for RC Telescopes with a system ratio of f8 or slower.



Besides spot diagrams our corrector PDFs for the various systems also contain vignetting charts, backfoci information, dimensions of the corrector housings, connection types etc. More information can be obtained from our website here: [www.astrosysteme.at/eng/correctors.html](http://www.astrosysteme.at/eng/correctors.html)

## NEWTON AND DOBSON CORRECTORS:

### 2" Coma Corrector Quattro 1.175x

Field of View: 30-40 mm

Backfocus: ca. 70 mm

### 2" Reducer Corrector 0.73x

Field of View: 25-27 mm

Backfocus: ca. 65 mm

### 3" Reducer Corrector 0.73x

Field of View: 28 mm

Backfocus: ca. 77 mm

### 2" Barlow Corrector 1.8x

Field of View: 30 mm

Backfocus: ca. 121,5 mm

### 3" Wynne Corrector 0.95x

Field of View: 50 mm

Backfocus: ca. 57 mm

### 4" Wynne Corrector 1.0x

Field of View: 60 mm

Backfocus: ca. 60 mm

## SCHMIDT-CASSEGRAIN CORRECTOR:

### 2" Schmidt-Cassegrain Reducer Corrector 0.77x

Field of View: 22 mm (APS-C Format)

Backfocus: ca. 97 mm

## CASSEGRAIN CORRECTORS:

### 4" Cassegrain Reducer Corrector 0.72x

Field of View: 60 mm (z.B. KAF16803)

Backfocus: ca. 90 mm

## RITCHEY-CHRÉTIEN CORRECTORS:

### 4" Ritchey-Chrétien Reducer Corrector 0.84x

Field of View: 60 mm (z.B. KAF16803)

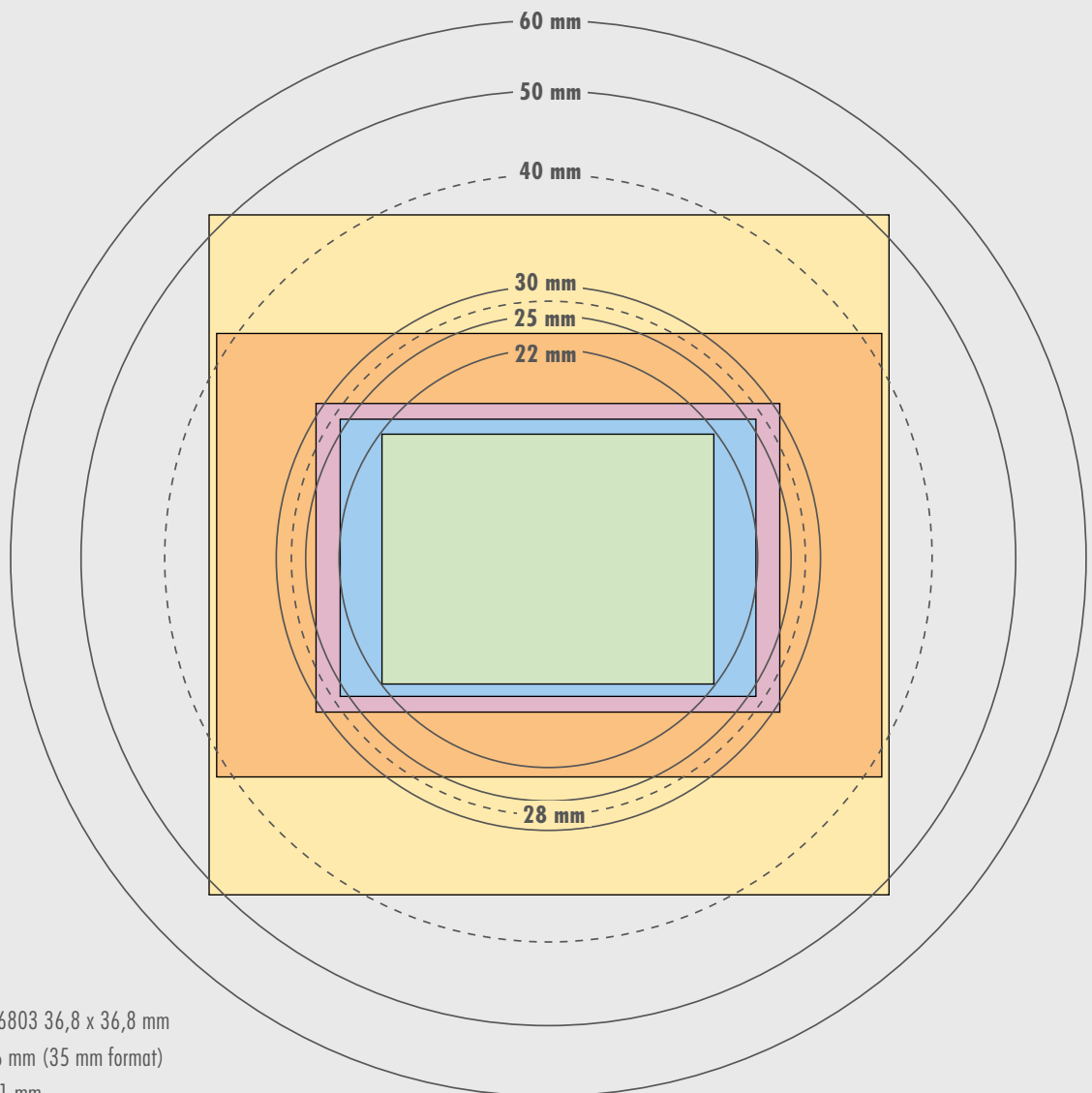
Backfocus: ca. 90 mm

### 4" Cassegrain Flattener Corrector

Field of View: 80 mm (z.B. KAF16803)

### 4" Ritchey-Chrétien Flattener Corrector

Field of View: 80 mm (z.B. KAF16803)



■ KODAK CCD sensor KAF-16803 36,8 x 36,8 mm

■ SBIG STL-11000 24 x 36 mm (35 mm format)

■ APS C format 16,7 x 25,1 mm

■ Canon 20 D sensor size 15 x 22,5 mm

■ KODAK 8300 sensor 13,52 x 17,96 mm



**SEE OUR WIDE RANGE OF OTHER PRODUCTS HERE: [www.astrosysteme.at](http://www.astrosysteme.at)**