



The Distagon $f/2$ 28 mm closes the gap in the line of top lenses in the wide-angle range. In many instances, it is something of a leap from focal length 35 mm — angular field 62° — to focal length 25 mm — angular field 80° . The ratio of the object fields is 1 : 2, the same applying to the depth of focus — provided the same stop is used. The demanding amateur may therefore find himself in situations requiring a lens which has at least an initial aperture of 1 : 2 and which at the same time provides for greater depth of focus than does the popular 35 mm lens. The task of developing a lens with a focal length of 28 mm, an angular field of 74° and excellent imaging performance despite the exceptionally large initial aperture of 1 : 2 has been admirably solved with this new Distagon.

The image quality is surprisingly uniform over the entire field up to the format corners. To make the lens usable up to as close a range as possible one component shifts in differential movement with the rest of the lens during distance setting. The loss in imaging performance in the marginal areas of the picture, otherwise disturbing, is largely compensated by this measure.

Number of lens elements: 9

Number of components: 8

f-number: 2

Focal length: 28.8 mm

Negative size: 24×36 mm

Angular field: 74° diagonal

Mount: Contax/Yashica mount

Diaphragm action: Fully automatic

f-stop scale: 2-2.8-4-5.6-8-11-16-22

Filter: 55 mm Screw-in type

Focusing range: ∞ to 0.24 m (10 in)

Aberration correction at close range with "floating element"

Distagon T* $f/2$ 28 mm