RAPTAR

ENLARGING LENSES
Series f/4.5

Only by using a specific lens designed for a particular job can near-perfection in photographic reproduction be achieved. A lens which gives entirely satisfactory camera results may not be equally as good for use as an enlarging lens. The camera lens is designed for versatile recording of any image from closeup to infinity, with sufficient depth of field. The enlarging lens, however, is designed specifically for a flat field at short range to project from a flat surface to a flat surface.

Since an enlarging lens is usually focused by visual inspection of the projected image, it is important that chromatic aberrations be exceptionally well corrected. Light should be distributed evenly over the entire print surface, with corners as fully lighted as the center portion of the enlargement. High resolving power without sacrifice of contrast produces overall sharp enlargements.

- The above photograph has been enlarged eight times, yet the smallest detail is accurately and faithfully reproduced from the original negative. Notice the sparkle and brilliancy of the highlights . . . the crisp definition that extends to every corner. This is the kind of all-over sharpness you can demand and expect with a Wollensak Raptar Enlarging Lens.

RAPTAR is not a formula or construction, but a standard representing the highest quality in lens performance and optical design.

DEFINITION—High resolving power without sacrifice of contrast—ability of the lens to separate image of closely spaced lines determines brilliance and clarity of your enlargements. Extreme focus of field found in Raptar Enlarging Lenses, eliminates fuzzy, out-of-focus corners.

CONTRAST—In a negative, internal reflections and flare affect highlight areas most. WOOCORES plus careful correction of Raptar Lenses prevent dulling of highlights.

COLOR PURITY—Raptar's precise color correction of lateral chromatic aberration means excellent color register on your enlargements. Without such correction, various colors would modify to slightly different degrees, causing color fringes.

LIGHT TRANSMISSION—Even distribution of light over the entire print results in correct as carefully and accurately lighted as the center of the enlargement.

FOCAL LENGTH—Various focal lengths permit equally fine definition and sharp reproduction overall, from miniature negatives 1½ x 1½ to 8 x 10.

WOOCORE—Each Enlarging Raptar is specially treated with this Wollensak antireflecting hard coating to eliminate light reflections or flare from lens surfaces. The symbol + on every Raptar lens is your guarantee of greater contrast and brilliancy.
YOU SHOULD KNOW THIS STORY ABOUT LENSES

The use of Wollensak lenses by leading camera manufacturers and by millions of amateur and professional users is proof of Wollensak superiority. Here are some of the factors behind the excellence of Raptar camera and enlarging lenses:

1. Experience of more than fifty years in a field where master craftsmen are developed only through years of apprenticeship.
2. Quality control and rigid inspection throughout production, with final resolution and contrast tests.
3. Careful selection of highest quality materials from Wollensak's large stockpile of raw glass permits adherence to critical qualities included in original lens designs.
4. To meet rigid tolerances unsurpassed in the optical field, special tools are designed and built at Wollensak for particular requirements of a specific lens.
5. Precision mounting of lens elements in the lens barrel is as vital as lens quality itself to assure fine lens performance.
7. Consistency in uniformity—All Raptar lenses have the same high standards of performance.

Raptar
ENLARGING LENSES
for professional and amateur use

Wollensak
OPTICAL COMPANY
ROCHESTER 31, N.Y.

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