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A Bibliography of Fibre Optics containing about 900 entries for reports, articles, theses and papers is available from the publisher, Hatrics Central Library, Civic Centre, Southampton SO9 4XP, England, at a price of £1.50. The bibliography covers the period from Jan. 1960 to June 1971. It covers the entire field of fiber optics, with sections on optical glass, transmission characteristics, plastics, infrared and ultraviolet fiber optics, and fiber optics technology. The application of fiber optics includes material on aeronautics, biology, data processing, dentistry, electronics, interferometers, lasers, photography, plasma and telecommunications.

A Bibliography of Stereography covering the period from 1939 to 1970 has been published by the German Stereoscopic Society. It lists almost every book and important 3D report published during that time in both Eastern and Western countries. It also contains drafts for DIN standards on stereoscopy issued in May 1971. Postpaid copies will be airmailed overseas upon receipt of a \$5 note. Price if sent by surface mail is DM 12. Checks are not acceptable. The announcement requested that all correspondence be confined to essentials since staff members work on an honorary basis. No review copies can be sent since the edition is limited and was printed without the help of a sponsor. Address of the Society's accounting department is Wattstrasse 22, 1 Berlin 65, Germany. The administrative department is at Schlettstadter Strasse 116, 1 Berlin 37, Germany.

The Audio Visual Source Directory, Fall-Winter 1971-72, is available from Motion Picture Enterprises Publications, Inc., Tarrytown, NY 10591 at a price of \$2.50. The 80-page Directory lists names and addresses of manufacturers and suppliers of audiovisual equipment. It also lists associations in the audiovisual field and educational associations by states. Also listed are sources for free loans of motion pictures and slidefilms.

A Treasure Chest of Audiovisual Ideas is available in a new edition from Kalart Victor Corp., Plainville, CT 06062. The new edition has been revised to include the latest developments in audiovisual and instructional television equipment. The 32-page booklet is illustrated and contains diagrams illustrating optical and electronic hardware. A separate chapter contains information of special interest to school board members, planners and architects.

The 4th edition of Lighting Handbook for Television, Theater and Professional Photography (WT-136B) has been announced by GTE Sylvania, Inc., 70 Empire Dr., West Seneca, NY 14224. The book contains updated lamp data and basic lighting information. It also contains

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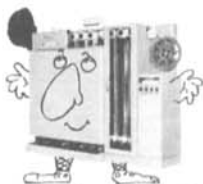


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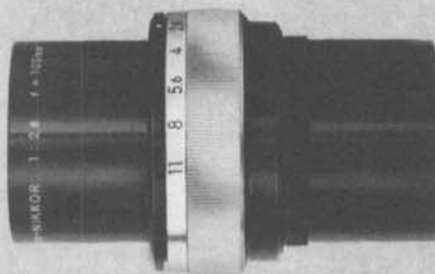
Nikon 100mm f2.8 Repro-Nikkor lens

This special lens was designed primarily for use on animation cameras such as Oxberry and Acme. The 160 lines per millimeter resolution effects a noticeable improvement in image quality.

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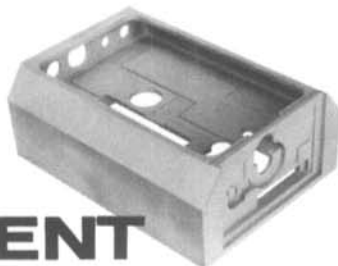
Focal length	100mm
Aperture range	f2.8-22
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the latest information on the use of tungsten-halogen lamps in theater lighting and includes a new section on theater, television and film lighting practices. The handbook has been updated by Robert Levin of GTE Sylvania's Lighting Products Group and Imero Fiorentino Associates, Inc., of New York. The handbook is priced at \$1.00 if more than five copies are ordered. Professionals can obtain up to five copies without charge.

Tech Tips, a series of articles on the selection, application, use and maintenance of discrete power semiconductors and subsystems has been announced by Westinghouse Electric Corp., Semiconductor Div., Youngwood, PA 15697. The first *Tech Tip*, "Thyristor Selection and Calculations For Pulse Applications," describes a new procedure for selecting the correct thyristor for pulse applications using only information given on standard data sheets. The *Tech Tip* is illustrated and has footnotes so that additional references can be studied.

Squeegee combinations for use at various processor speeds and for various applications are described in a folder and chart available from Treise Engineering, Inc., 1941 First St., San Fernando, CA 91340. The squeegees described in the folder include Ott, box, vacuum, knife and wiper squeegees and a pre-dryer.

Audiovisual and educational television products are illustrated and described in a 28-page catalog (Catalog A) available from Kalart Victor Corp., Plainville, CT 06062. Among products listed are the Kalavox Sound Slide System, Kalart Victor 16mm sound motion-picture projectors and the Tele-Beam Large Screen TV projector.

A xenon lamphouse system for motion-picture and slide projectors is described and illustrated in a brochure available from Optical Radiation Corp., 2626 South Peck Rd., Monrovia, CA 91016. The brochure describes xenon lamphouses for 16, 35 and 70mm motion-picture projectors and 16 and 35mm xenon motion-picture and slide projection systems.

Arriflex 16 S/B and 16 M/B cameras are described and illustrated in a 24-page brochure available from Arriflex Co. of America, Box 1050, Woodside, NY 11372. The brochure includes a detailed description of Arriflex camera basics, such as the mirror-shutter reflex viewfinder and the film pin registration pin movement. A number of accessories are also described.

Motomatic transistorized motor speed control systems are described and illustrated in a 6-page catalog available from Electro-Craft Corp., 1600 Second St. South, Hopkins, MN 55343. Specifications, including dimensions and performance data, are included. The catalog also includes descriptions of servo and torque motors, moving coil motors, dc tachometers and servomotor generators.

The D-1500 television character generator is illustrated and described in a leaflet available from Datavision, Inc., 2351

Shady Grove Rd., Rockville, MD 20850. The device is of table-top design. It is 18 in long, 8 in deep and 4 in high. It weighs 14 lb.

Video products, including video delay lines, gaussian filters and video delay units, are described and illustrated in leaflets contained in a folder available from Television Equipment Associates, Box 1391, Bayville, NY 11709. Most of the equipment described were designed jointly

by Matthey Printed Products Ltd., of Great Britain, and the British Broadcasting Corp.

Lenses and mounting systems for 35mm, 16mm, super-8, 8mm and filmstrip projectors are described and illustrated in a catalog available from Buhl Optical Co., 1009 Beech Ave., Pittsburgh, PA 15233. Projection charts are printed on the inside covers.

current literature



The Editors present for convenient reference a list of articles dealing with subjects cognate to motion-picture engineering published in a number of selected journals. Photostatic or microfilm copies of articles in magazines that are available may be obtained from The Library of Congress, Washington, D.C., or from the New York Public Library, New York, N.Y., at prevailing rates.

ABU Technical Review

The Role of ITU in the Development of Broadcasting, *B. Y. Nerurkar*, No. 17, p. 9, Nov. 1971.

Acoustic Modelling of Studios and Concert Halls, *H. D. Harwood* and *A. N. Burd*, No. 17, p. 16, Nov. 1971.

Brit. Kinemat. Sound and Television

Sound Mixing Consoles — Some Modern Developments, *Rupert Neve*, Vol. 53, p. 140, May 1971.

International Broadcast Eng.

Relative Merits of Flying Spot and Camera/Projector Telecine System, *R. Mat- chell*, No. 71, p. 272, Oct. 1970.

Making Films In New York

About Sound Mixing and Recording, *Bill Blachly*, Vol. 4, p. 30, Aug. 1970.

Jour. Audio Engineering Soc.

Production of Harmonics and Distortion in p-n Junctions, *Richard A. Schaefer*, Vol. 19, p. 759, Oct. 1971.

Jour. Optical Soc. Am.

Phase Holograms of Diffuse Objects, *H. Dammann*, Vol. 60, p. 1635, Dec. 1970.

Projected Interference Fringes in Holographic Interferometry, *Stephen H. Rowe*, Vol. 61, p. 1599, Dec. 1971.

Jour. Phot. Sci.

The Covering Power of Photographic Silver Deposits III. Comparison of Chemical and Physical Development, *L. R. Sol- man*, Vol. 18, p. 179, Sept./Oct. 1970.

A 0.2-ms Xenon Strobe Lamp for Flash-Photomicrography, *R. W. Graham* and *R. Bridges*, Vol. 18, p. 244, Nov./Dec. 1970.

Optics and Laser Technology

Application of Holography to Bubble Chambers — A Review, *R. J. Withring- ton*, Vol. 2, p. 132, Aug. 1970.

Optical Spectra

Holography in Unconventional Materials, *Scott L. Norman*, Vol. 4, p. 29, Nov. 1970.

An Expanding Role for the GaAs Laser, *Robert A. Felmy*, Vol. 5, p. 26, Dec. 1971.

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Silver Halide Photographic Systems — A Bibliography of Reviews (1960-1970), *Peter P. Hanson*, Vol. 15, p. 501, Nov./Dec. 1971.

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An Experimental and Theoretical Study of High Repetition Rate Q-Switched Nd:YAIG Lasers, *R. B. Chesler*, *M. A. Karr* and *J. E. Geusic*, Vol. 58, p. 1899, Dec. 1970.

SPIE Jour.

Photo-optical Instrumentation of Automobile Collisions: An Aid to Injury Reduction Research, *Derwyn M. Severy*, *David Blaisdell* and *Bernard McGuire*, Vol. 8, p. 70, Feb./Mar. 1970.

Image Evaluation: Criteria and Applications Paper No. 1: Non-MTF Criteria, *Edward B. Noffsinger*, Vol. 9, p. 32, Oct./Nov. 1970.

Take One

The Coming 3-D Movie Revolution, *Hal Aigner*, Vol. 2, p. 6, Jan./Feb. 1970.

Tekh. Kino i Televideniya

Processing Technology of KP-4U Motion-Picture Film in Cabinet-Type Processing Machines (in Russian), *V. M. Vondar- chuk* and *M. I. Zaks*, Vol. 14, p. 44, Apr. 1970.

Special Equipment and Devices for the Filming of Dynamic Panoramas (in Russian), *V. N. Grigor'ev*, Vol. 14, p. 32, June 1970.

Zh. Fotokinotekhnika

The Modulation Transfer Function of Photographic Objectives for Different Spectral Rays (in Russian), *N. N. Buzina*, No. 135, p. 75, 1970.

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