

## Book Reviews

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of their effect on photographic materials, has established their pre-eminent position among discharge lamps. Their increasing usefulness is further indicated by the wide range of design possible with various combinations of operating pressure and electrical loading, as well as by modification of spectral quality through the use of fluorescent material on the surrounding envelope of the low-pressure arc, or the introduction of additional metallic vapors in those of higher pressure.

Only the last chapter of the book is devoted to applications of the sources, a treatment which might have been considerably expanded with great advantage to such groups as are represented by the readers of this JOURNAL.

The author is to be complimented for including an excellent index as well as an Appendix of valuable supplementary information.

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## Standards Recommendation

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On December 16, 1948, the Standards Committee recommended reapproval of the American Standard for cutting and perforating 35-mm negative raw stock, Z22.34-1944.

Reapproval or revision of this standard has been under consideration since October, 1946, when review of all the existing Z22 standards was undertaken by the ASA Sectional Committee, Z22. The long delay in determining what action should be taken was caused by the difference which exists between the 35-mm negative and positive perforations. This difference has caused considerable trouble in connection with printing 35-mm color release prints where extremely accurate registration is necessary. Consequently, the whole matter of 35-mm perforating was reinvestigated with the thought that perhaps a universal positive-negative perforation could be agreed upon. Such a perforation based upon the original proposal by Dubray and Howell is now in the process of development and a proposed standard will be published in the JOURNAL in the near future.

The use of the negative perforation, however, has become so firmly established in the industry that elimination as a standard at this time does not seem possible. Therefore, the foregoing recommendation that it be reaffirmed as an American Standard has been made. Technically, the draft which is now being submitted to Sectional Committee Z22 is identical with the 1944 edition. The method of dimensioning, however, has been modified so as to be in accord with present industrial practice.

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## Journal Exchange

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Mr. G. D. Murphy wishes to dispose of a complete set of JOURNALS of the SMPE starting with the October, 1930, issue. Persons interested in purchasing these copies should write to him at R.F.D. 2, Rockville, Md.