

Optics Committee Report

By RUDOLF KINGSLAKE, Committee Chairman

THE COMMITTEE has completed its study of the Photometric Calibration of Lens Apertures (published Oct. 1952 for 6-month trial and comment), the final report being now in the hands of the Standards Committee for further action.

American Standard Z22.53-1946, "Method of Determining the Resolving Power of 16mm Motion Picture Projector Lenses," was submitted to the Committee for revision. Three small changes in wording were made which, however, do not affect the fundamental

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procedure in any way. This Standard has been approved by the Standards Committee for reissue and is currently being reviewed by ASA Sectional Committee PH22.

The next project to be undertaken by the Optics Committee is an attempt to standardize the physical dimensions of motion picture projection lenses. Tentative drawings have been issued showing the proposed outline boundaries between projector and lens, covering two sizes of 16mm lenses and two (or three) sizes of 8mm lenses. Copies have been sent to all known manufacturers of 8mm and 16mm lenses and projectors, and to members of the 16mm and 8mm Motion Pictures Committee, in the hope that a set of dimensions will be reached which will be acceptable to the whole industry.