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Note:

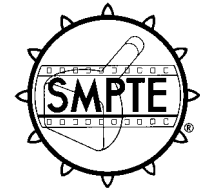
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SMPTE RECOMMENDED PRACTICE**RP 110-1992**

Revision of RP 110-1988

Specifications for an Alignment Test Film for Anamorphic Attachments to 35-mm Motion-Picture Projectors



Page 1 of 3 pages

1 Scope

This practice specifies a test film for the alignment of anamorphic attachments or lenses for 35-mm motion-picture projectors.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this practice. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this practice are encouraged to investigate the possibility of applying the most recent edition of the standards indicated below.

ANSI/SMPTE 59-1991, Motion-Picture Film (35-mm)
— Camera Aperture Image and Usage

ANSI/SMPTE 139-1986 (R1991), Motion-Picture Film
(35-mm) — Perforated KS

3 Test Pattern

3.1 A reproduction of the alignment chart is shown in figure 1.

3.2 A chart showing the dimensions as measured on the test film is shown in figure 2.

3.3 The lettering shall be bold and of a style and size shown in the figures.

3.4 The vertical lines shall be one-half as wide as the horizontal lines so that during projection they will appear to be the same width.

4 Test film

4.1 The test film shall be produced as a 35-mm print with white lines on a black background.

4.2 The test pattern shall be photographed and the center point positioned on the print as specified by style B in ANSI/SMPTE 59.

4.3 The print shall be on motion-picture stock made in accordance with long-pitch dimensions specified in ANSI/SMPTE 139.

4.4 The emulsion position of the print shall be away from the projector lens for direct front projection.

4.5 The test film shall be supplied in an emulsion-in winding.

5 Densities

5.1 The black background shall have a neutral density greater than 1.9.

5.2 The density of the lines and lettering shall be below 0.3.

NOTE — Test films made in accordance with this practice are available from the Society of Motion Picture and Television Engineers.