

INTERNATIONAL STANDARD

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Cinematography — Photographic control and data records on 16 mm and 35 mm motion-picture film and prints — Dimensions and location

*Cinématographie — Piste pour enregistrement photographique des
données et contrôles sur films cinématographiques 16 mm et 35 mm, et
sur les tirages — Dimensions et emplacement*



Reference number
ISO 8758:1992(E)

Foreword

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Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 8758 was prepared by Technical Committee ISO/TC 36, *Cinematography*.

Annex A of this International Standard is for information only.

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Cinematography — Photographic control and data records on 16 mm and 35 mm motion-picture film and prints — Dimensions and location

1 Scope

This International Standard specifies the location and dimensions of photographic control and data records on 16 mm motion-picture originals, intermediates and prints, 35 mm motion-picture camera negatives and 35 mm motion-picture release prints.

It also specifies the width scanned by the control data reproducer, and the reproducer spectral sensitivity.

In the case of release prints, this International Standard is restricted to those containing variable area sound records in accordance with ISO 2939 and ISO 7343.

2 Normative references

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

dicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 2939:1986, *Cinematography — Picture image area and photographic sound record on 35 mm motion-picture release prints — Position and dimensions*.

ISO 7343:1983, *Cinematography — Two-track photographic sound records on 35 mm motion-picture prints — Positions and width dimensions*.

3 Location and dimensions

The dimensions and lateral location of the control and data records shall be as shown in figures 1 to 3 and given in tables 1 to 3.

4 Reproducer spectral sensitivity

The peak or maximum response of the combination of the control and data track reproducer, light source, filter and receptor shall be at 550^{+130}_0 nm. The integrated response of this combination to all wavelengths greater than 800 nm shall be less than 5 % of the total integrated response measured from 400 nm to 800 nm.

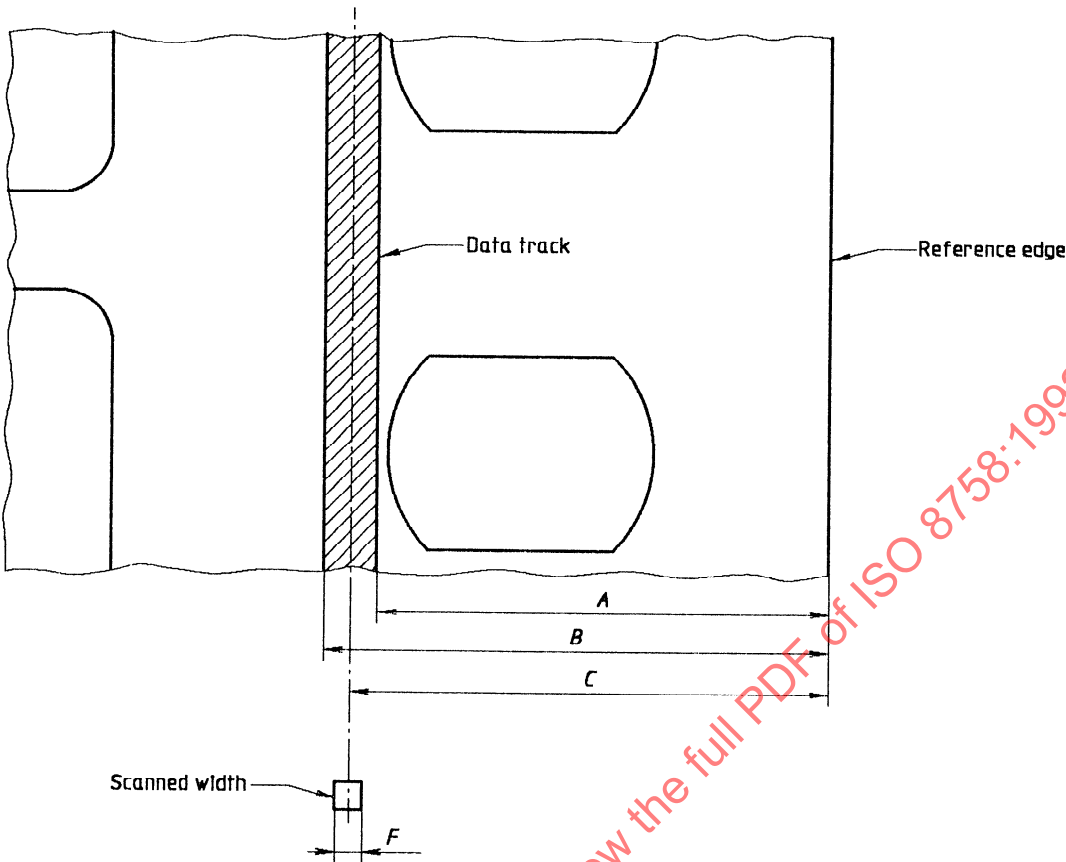


Figure 1 — Record on 35 mm camera film

Table 1 — Dimensions of record on 35 mm camera film

Dimension	mm	in
A	4,85 ± 0,03	0,191 ± 0,001
B	5,36 ± 0,03	0,211 ± 0,001
C	5,11 ± 0,03	0,201 ± 0,001
F	0,13 ± 0,03	0,005 ± 0,001

NOTES

1 Cameras intended for recording a control and data record are required to have a modified aperture which positions the picture edge next to the sound record area at 5,44 mm min. (0,214 in min.) from the reference edge of the film.

2 Cameras modified for full-width aperture photography (ISO proposal in preparation) can be incapable of using this data track position.

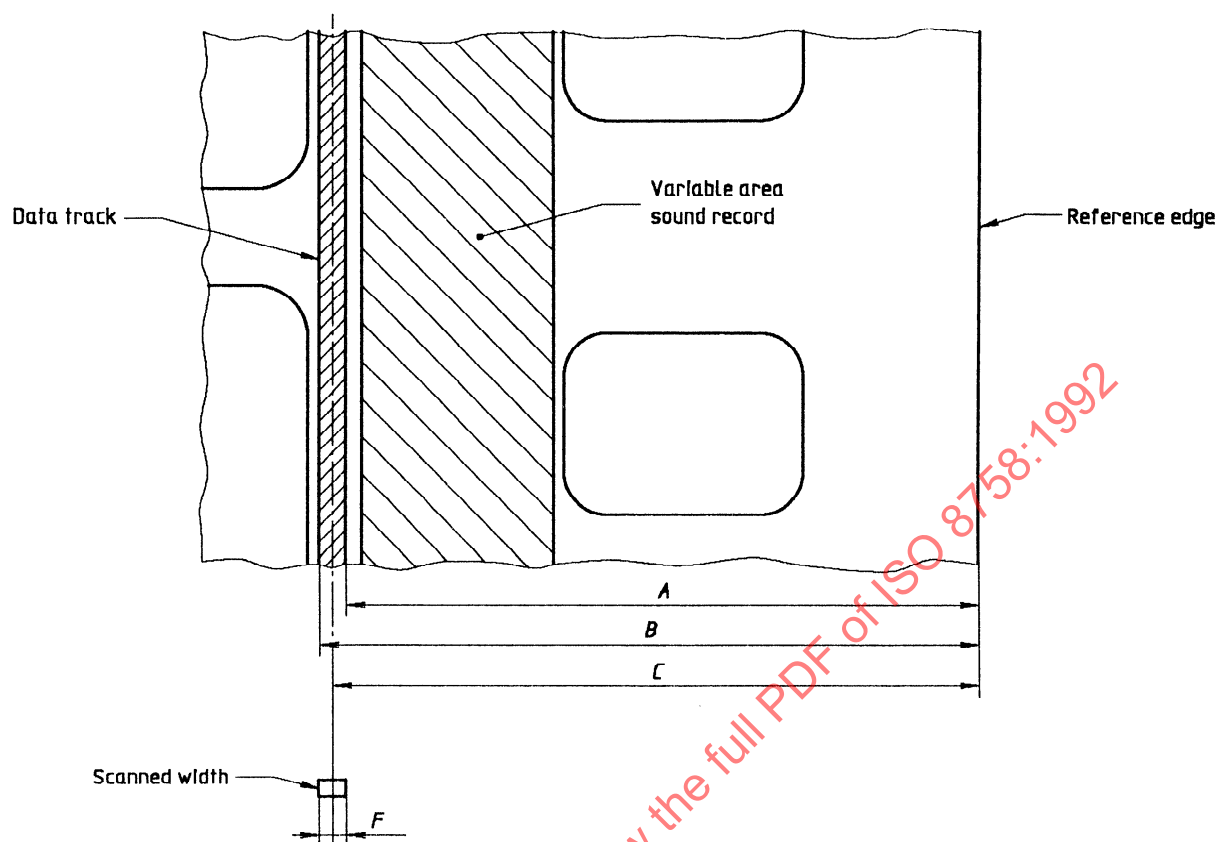


Figure 2 — Record on 35 mm motion-picture release prints

Table 2 — Dimensions for records on 35 mm motion-picture release prints

Dimension	mm	in
<i>A</i>	$7,42 \pm 0,03$	$0,292 \pm 0,001$
<i>B</i>	$7,67 \pm 0,03$	$0,302 \pm 0,001$
<i>C</i>	$7,54 \pm 0,03$	$0,297 \pm 0,001$
<i>F</i>	$0,13 \pm 0,03$	$0,005 \pm 0,001$

NOTE — Extreme caution should be observed in the laboratory and the theatre to ensure precise alignment when this data track is used on motion-picture release prints. See clause A.2.

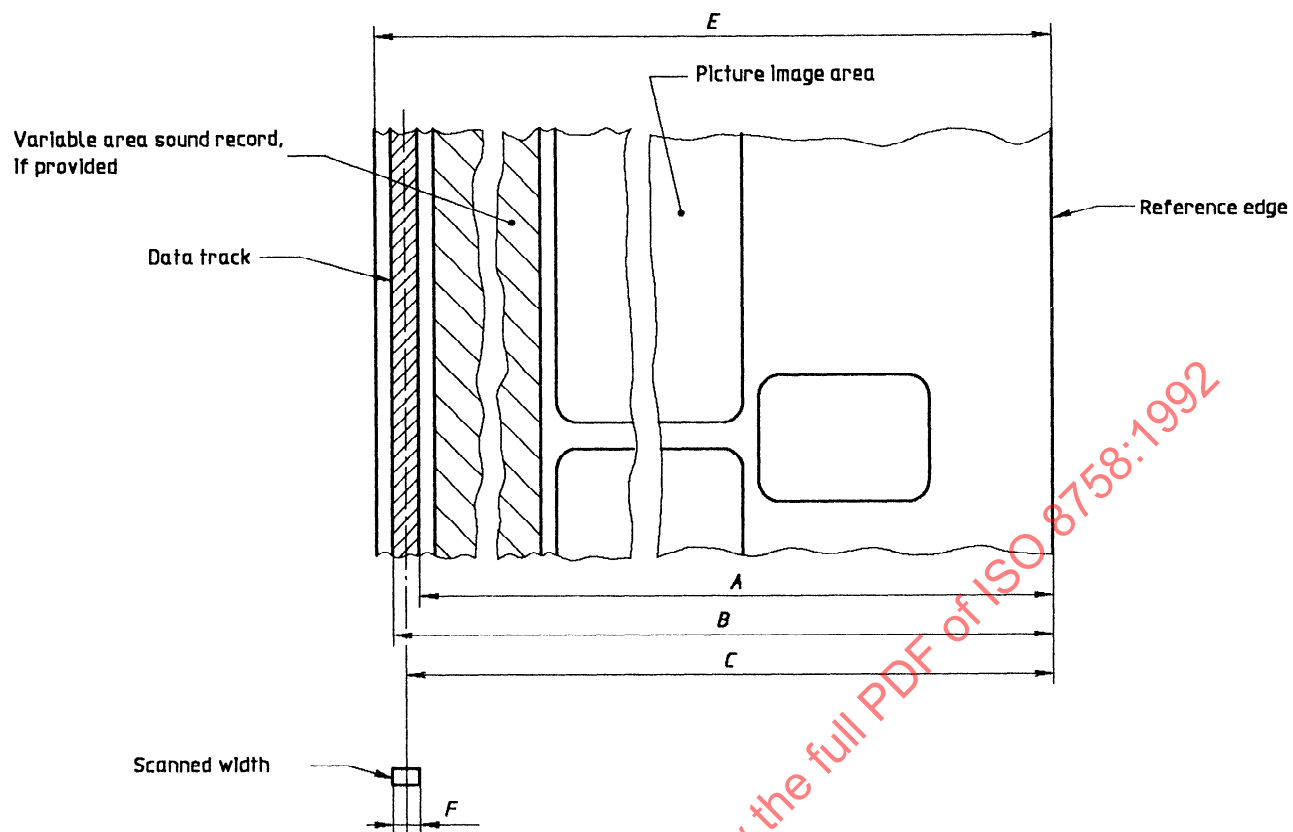


Figure 3 — Record on 16 mm motion-picture film

Table 3 — Dimensions for records on 16 mm motion-picture film

Dimension	mm	in
A	15,54 ± 0,03	0,612 ± 0,001
B	15,8 ± 0,03	0,622 ± 0,001
C	15,67 ± 0,03	0,617 ± 0,001
E (ref.)	15,95	0,628
F	0,13 ± 0,03	0,005 ± 0,001