
**Cinematography — Manufacturer-
printed, latent image identification
on 16 mm, 35 mm and 65 mm motion-
picture film — Specifications and
dimensions**

Cinématographie — Identification d'image latente, imprimée par le fabricant, sur films cinématographiques 16 mm, 35 mm et 65 mm — Spécifications et dimensions



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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 36, *Cinematography*.

This fourth edition cancels and replaces the second edition (ISO 12222:1998), [subclauses 3.1](#), [Clause 4](#), [5.1.1](#), [5.4.5](#), [5.4.6](#), [5.4.7](#), [6.1.3.3 b\)](#), [6.1.3.3 d\)](#), [6.4.7](#), [6.4.8](#) and [7.3](#), [Figures 3](#), [6](#) and [8](#), and [Tables 1](#), [4](#) and [5](#) of which have been technically revised. [Subclause 5.4.8](#) was added.

Cinematography — Manufacturer-printed, latent image identification on 16 mm, 35 mm and 65 mm motion-picture film — Specifications and dimensions

1 Scope

1.1 This document specifies the position and dimensions of machine-readable identification numbers on 16 mm, 35 mm and 65 mm motion-picture film. These numbers are intended to be a machine-readable version of the latent image key number. This document also specifies the encoding format to be used for these machine-readable numbers, as well as the area scanned and the spectral characteristics of the scanner.

1.2 This document also specifies the position, dimensions and content of human-readable identification (key) numbers for use on 16 mm, 35 mm and 65 mm motion-picture films intended for original photography or intermediate printing which also include the machine-readable key number described in [1.1](#).

NOTE These numbers normally are exposed onto the film at the time of manufacture.

1.3 This document further specifies an area that may be used for optional manufacturer-specific film-type identification information.

1.4 This document also specifies an area on the film which is not to be exposed by the film manufacturer, thus leaving it available for customer data recording.

1.5 Finally, this document specifies an optional frame line index mark for 35 mm and 65 mm film.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 69, *Cinematography — 16 mm motion-picture and magnetic film — Cutting and perforating dimensions*

ISO 491, *Cinematography — 35 mm motion-picture film and magnetic film — Cutting and perforating dimensions*

ISO 3023, *Cinematography — 65 mm and 70 mm unexposed motion-picture film — Cutting and perforating dimensions*

ANSI/AIM BC4-1995, *Uniform Symbology Specification — Code 128*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>