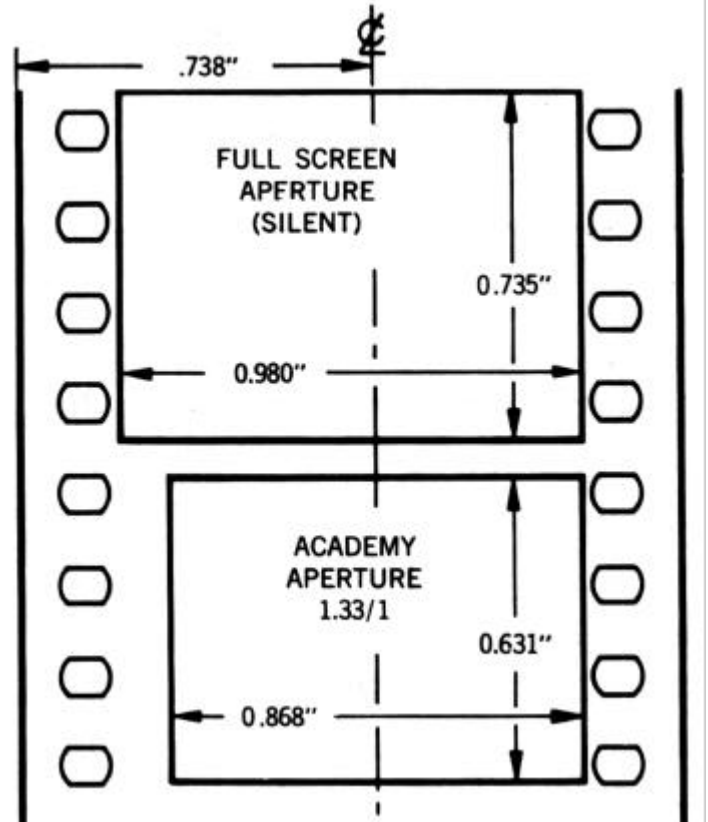


35mm Apertures Camera -vs- Telecine

It is important to understand the difference between what the typical 35mm camera is capable of photographing on film and what the telecine is capable of scanning. Otherwise, elements of the picture seen during shooting may not appear in the final film transfer.

Note the much larger area covered by the full screen gate as compared to that actually seen by a telecine scanning at the standard 1.33/1 aspect ratio. Also note the space now reserved for the optical sound track occupies even more of the original film frame.



The typical 35mm camera, like the Arri 35II, must be ordered from the factory or rental house with the particular gate required, either full aperture or academy. In addition, the proper ground glass must also be specified. In the case of the Arri 35BL, the aperture is interchangeable between the two formats. It is possible to have a camera shooting full aperture and showing academy markings on the viewing screen. In such cases, there will be more of the scene being photographed than is framed for by the camera operator. Therefore, it is critical to provide the transfer house with a framing chart at the head of the first roll to indicate the specific centering used to photograph your film. Otherwise, at least in our case, the television scan will be centered, top to bottom, within the full frame aperture. This may or may not be correct! Also, make certain to obey the laws of "TV Cutoff" or you can expect to see a further loss of important photographic elements after the transfer.

TFG Transfer

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