

# Using KODAK EKTACHROME 100D Color Reversal Film 7285 in Your Super 8 Camera

**Kodak**

## CURRENT INFORMATION SUMMARY

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Kodak has recently announced the availability of KODAK EKTACHROME 100D Color Reversal Film 7285 in the Super 8 format. 100D Color Reversal Film features bright saturated colors, fine grain with excellent sharpness.

It is important to note that KODAK EKTACHROME 100D Color Reversal Camera Film 7285 is a daylight balanced film. No additional filtration is required when using the film in daylight conditions. The film cartridge is notched appropriately for the speed and color balance, which will allow it to perform optimally in automatic cameras.

Many older manual cameras will require some special attention. Due to historical reasons (e.g. the films available at their time of manufacture), most of these cameras assume that the film to be used is tungsten balanced and either EI40 or EI160. This publication will help you get the best possible results using 100D Film in these cameras.

### FILTER USAGE

Many cameras utilize an internal conversion filter to convert daylight illumination into a tungsten balance. This amber-colored filter is placed into the optical path when the manual selector is placed on the sun setting (the sun icon). With the daylight balanced 100D Film, it will be necessary to disengage this filter. Although it may sound counter-intuitive, this is accomplished by setting the manual exposure setting to the tungsten setting (the bulb icon), no matter what conditions you are shooting under. If you will be using 100D Film under tungsten illumination, we recommend the use of an 80A external filter.

Consult the camera manufacturer's manual for specific information on your camera's operation.

Below is a detailed table summarizing the suggested filtration, Exposure Index, based on the available light source:

Light Source	KODAK Filters on Camera	Exposure Index
Daylight (5500 K)	None	100
Tungsten (3000 K)	WRATTEN Gelatin No. 80A	25
Tungsten (3200 K)	WRATTEN Gelatin No. 80A	25
Fluorescent, Cool White	Color Compensating Filter CC20M	80
Fluorescent, Deluxe Cool White	WRATTEN Gelatin No. 82C	80
Metal Halide (H.M.I.)	None	100

### EXPOSURE

KODAK EKTACHROME 100D Color Reversal Camera Film 7285 is an ISO 100 rated product. It is important when exposing the film under daylight conditions that the camera is set as close to ISO 100 as possible. Some (older) cameras may automatically set the exposure to ISO 160 (which is a default setting based on the former KODAK EKTACHROME 160T Film). At an ISO 160 exposure setting (approximately + 1/2 stop underexposed), results in many situations should still be acceptable.

It is believed that the majority of S8 cameras manufactured prior to 1970 came with a fixed film exposure setting of ISO 40. At an ISO 40 exposure setting (approximately 1 1/4 stop overexposed) the film would require either the use of a 0.3 Neutral Density filter.

### PROCESSING

Like all reversal films, KODAK EKTACHROME 100D Color Reversal Film 7285 is designed to be processed in KODAK Process E-6.