

KODACHROME II Film

For Daylight or Blue Flash

Important... See exposure data

KR 135
KR 828

A color film that yields slides which can be projected or used as originals in making color prints and enlargements. This film has moderate speed, wide exposure latitude, and extreme sharpness. It can be exposed by daylight, blue flashbulbs, or electronic flash. With corrective filters, it can be exposed by photoflood illumination or clear, wire-filled flashbulbs.

The film is supplied in 135 magazines of 20 and 36 exposures (24 x 36mm), 15 or 28 stereo pairs, and in 828 rolls of 8 exposures.

HANDLING AND STORAGE

Never load or unload your camera or leave the film in bright, direct light. Use correct loading technique to make sure film advances. With 135 film, after making the last exposure and before opening the camera, rewind the film into the magazine.

Exposed and unexposed film, as well as the finished slides, should be stored in a cool, dry place. Film should be processed as soon as possible after exposure to avoid changes in the latent image. For more information, write the Sales Service Division for copies of *Storage and Care of KODAK Color Films* (E-30) and *Handling 35mm Magazines and Cameras* (E-46).

NOTICE

KODACHROME II Film will be replaced with unexposed film if defective in our manufacture, labeling, or packaging, or if damaged or lost by us or any subsidiary company. Except for such replacement, the sale or subsequent handling of this film for any purpose is without warranty, guarantee, or other liability of any kind.

The dyes used in KODAK color films, prints, enlargements, and duplicates, like other dyes, may change in time. These products, therefore, will not be warranted against any change in color.

ASA SPEED

Daylight: **25/3°** Photoflood (No. 80B Filter*): 12/2°






*KODAK Photoflood Filter for KODAK Daylight Type Color Films (WRATTEN No. 80B).

The first number after each light source is for use with meters and cameras marked for American Standard (ASA) Speeds or Exposure Indexes. The second number in each pair, the Speed Value, is for use with cameras and meters marked for these values.

Note: Exposures longer than 1/10 second may require filtration and exposure compensation. Information available on request from the Sales Service Division.

DAYLIGHT EXPOSURE TABLE

For average, frontlighted subjects in daylight from 2 hours after sunrise to 2 hours before sunset, with cameras marked in *f*-numbers or exposure values (EV).

Set Shutter at 1/100 or 1/125			Set Shutter at 1/50 or 1/60	
Bright or Hazy Sun on Light Sand or Snow	Bright or Hazy Sun (Distinct Shadows)	Cloudy Bright (No Shadows)	Heavy Overcast	Open Shade†
				
<i>f</i> /11	<i>f</i> /8*	<i>f</i> /4	<i>f</i> /4	<i>f</i> /4
EV14	EV13†	EV11	EV10	EV10

**f*/4 or †EV11 for backlighted closeup subjects.
 †Subject shaded from the sun but lighted by a large area of sky.
Note: You may use a filter, such as the KODAK Skylight Filter (WRATTEN No. 1A), to minimize the bluishness of distant views, seascapes, snow scenes, or high-altitude scenes, as well as pictures made on gray days or in open shade.

FILL-IN FLASH

Blue flashbulbs help to lighten the harsh shadows usually found in making close-ups in bright sunlight.

A typical exposure is *f*/16 at 1/25 or 1/30 second (EV13 at 1/30), with the subject 8 to 10 feet away. For more information about fill-in flash, see the KODAK Data Book *Flash Pictures* or the KODAK Master Photoguide, both sold by photo dealers.

FLASH

Use *blue flashbulbs* without a filter—or clear flashbulbs with a filter, such as the KODAK Photoflash Filter for KODAK Daylight Type Color Films (WRATTEN No. 80C). Divide the proper guide number by the flash-to-subject distance in feet (or use the computer in the KODAK Snapshot Dial) to determine the *f*-number for average subjects. Use an opening ½ stop larger for dark subjects, ½ stop smaller for light subjects.

These values are intended only as guides. They should be changed to fit individual conditions of use. See your camera manual for recommended bulbs and shutter-speed settings. Use a B-C flashpack or fresh photoflash batteries in the flashholder. Weak batteries or batteries that have been stored for long periods of time cause flash failures.

GUIDE NUMBERS* FOR FLASH

Use Blue Flashbulbs (or Clear Bulbs with KODAK WRATTEN Filter No. 80C)

Synchronization → X or F		M		Focal-Plane Shutter Speed	6B§ or 26B§
Shutter Speed	AG-1B† or M2B‡	M3B,‡ M5B,‡ 5B§ or 25B§			
1/25-1/30	60	80		1/50	65
1/50-1/60	—	70		1/100	40
1/100-1/125	—	65		—	—
1/200-1/250	—	50		—	—

*For use with bowl-shaped polished reflectors. If shallow cylindrical reflectors are used, divide these guide numbers by two.

Bowl-shaped polished reflector sizes: †2-inch; ‡3-inch; §4- to 5-inch.

Note: At 1/25 or 1/30 second, cameras having X or F synchronization can use M3B, M5B, No. 5B, or No. 25B flashbulbs.

Caution: Since bulbs may shatter, use a flashguard over the reflector. *Do not flash bulbs in an explosive atmosphere.*

ELECTRONIC FLASH GUIDE NUMBERS

This table is intended as a starting point in determining the correct guide number. It is for use with equipment rated in beam candlepower-seconds (BCPS) or effective candlepower-seconds (ECPS).

Output of Unit (BCPS or ECPS)	350	500	700	1000	1400	2000	2800	4000	5600	8000
Guide Number for Trial	24	30	35	40	50	60	70	80	100	120

MORE INFORMATION

Adventures in Outdoor

Your Kodak dealer has the best in “how-to-do-it” photo books. Beginners enjoy *Clicking with Color*; more advanced photographers find many ideas in *Color Slides* and *Adventures in Indoor Color Slides*.

TRAVELERS ABROAD

If you intend to go abroad, write to the Sales Service Division for a copy of *Notes for the Photo Traveler Abroad* (C-17).

LABORATORY PROCESSING

You can return the exposed film to your dealer for processing by Kodak or another laboratory, or you can send it direct to Kodak or another laboratory, using the appropriate prepaid processing mailer. For stereo mounting or return of film unmounted, see your dealer.

IMPORTANT

Film price does not include processing by Kodak, nor does Kodak sell, or authorize others to sell, this film with any prepaid processing mailer attached. Films processed by Kodak laboratories are returned in mounts which bear the phrase “Processed by Kodak.”

NOTICE: The sending of exposed film to Kodak for any purpose will constitute an agreement that if the film is damaged or lost by us or any subsidiary company, we may replace it with an equivalent amount of unexposed film and that, except for such replacement, the handling of exposed film by us for any purpose is without warranty or other liability of any kind.

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