

# Kodacolor II FILM

FOR COLOR PRINTS AND ENLARGEMENTS

Use in DAYLIGHT or with BLUE FLASH.

FILM SPEED  
ASA 100



## DAYLIGHT PICTURES

### AUTOMATIC CAMERAS OR EXPOSURE METERS

Set film-speed dial on camera or exposure meter at ASA 100.

### SETTING CAMERAS WITHOUT AN EXPOSURE METER

Use exposure indicated for appropriate lighting condition.

| DAYLIGHT EXPOSURE TABLE FOR KODACOLOR II FILM   |                                       |                            |                |             |
|---|---------------------------------------|----------------------------|----------------|-------------|
| Shutter Speed 1/125 Second  |                                       |                            |                |             |
| Bright or Hazy Sun on Light Sand or Snow  | Bright or Hazy Sun (Distinct Shadows) | Cloudy Bright (No Shadows) | Heavy Overcast | Open Shade† |
|   |                                       |                            |                |             |
| f/16  | f/11*                                 | f/5.6                      | f/4            | f/4         |
| *f/5.6 at 1/125 second for backlit close-up subjects.<br>†Subject shaded from the sun but lighted by a large area of sky. |                                       |                            |                |             |



## FLASH PICTURES

**USE BLUE FLASHBULBS OR FLASHCUBES.** Determine the *f*-number by dividing the guide number for your reflector and flashbulb by the distance in feet from the flash to your subject. Use these numbers as guides—if your flash pictures are consistently dark and muddy (underexposed), use a lower guide number; if they are washed-out and contrasty (overexposed), use a higher guide number.

For successful flash operation, clean battery ends and equipment contacts with a cloth dampened with clean water only. If the contacts are difficult to reach with a cloth, use a water-dampened cotton swab to clean them.

| GUIDE NUMBERS FOR BLUE FLASHBULBS                                   |                    |               |                   |      |       |       |
|---|--------------------|---------------|-------------------|------|-------|-------|
| Type of Reflector   | Flashbulb          | Shutter Speed |                   |      |       |       |
|   |                    | X Sync        | M Synchronization |      |       |       |
|   |                    | 1/30          | 1/30              | 1/60 | 1/125 | 1/250 |
|   | Flashcube          | 90            | 60                | 60   | 50    | 38    |
|   | HI-POWER FlashCube | 130           | 85                | 85   | 70    | 55    |
|   | AG-1B              | 65            | 45                | 45   | 38    | 32    |
|   | AG-1B              | 90            | 65                | 65   | 55    | 45    |
|   | M2B                | 85            | NR                | NR   | NR    | NR    |
|   | M2B                | 120           | NR                | NR   | NR    | NR    |
|   | M3B, 5B, 25B       | 130           | 120               | 110  | 90    | 75    |
|   | 6B†, 26B†          | NR            | 130               | 90   | 60    | 42    |
|   | M3B, 5B, 25B       | 180           | 170               | 160  | 130   | 110   |
|   | 6B†, 26B†          | NR            | 180               | 130  | 85    | 60    |
| *Polished bowl. †Bulbs for focal-plane shutter. NR—Not Recommended. |                    |               |                   |      |       |       |

**WARNING:** Bulbs may shatter when flashed; use a flashguard over your reflector. Do not use flash in an explosive atmosphere. See flashbulb manufacturer's instructions.

**MAKE YOUR OWN FLASH GUIDE.** Find your guide number in the flashbulb or electronic flash table. Cut out the strips

on the back of this sheet and tape them together on your flash holder so that the guide number is at ▲. The numbers on the top strip will then indicate the flash distance in feet. Use the nearest *f*-number. Write your shutter speed and flashbulb type in the spaces provided.

| FEET AND GUIDE NUMBERS |   |      |      |      |     |               |     |       |     |       |    |           |    |    |    |     |     |     |
|------------------------|---|------|------|------|-----|---------------|-----|-------|-----|-------|----|-----------|----|----|----|-----|-----|-----|
| 3                      | 4 | 5    | 6    | 7    | 8   | 10            | 12  | 15    | 20  | 25    | 30 | 40        | 50 | 60 | 80 | 100 | 150 | 200 |
| f-numbers              |   | f/22 | f/16 | f/11 | f/8 | f/5.6         | f/4 | f/2.8 | f/2 | f/1.4 | ▲  |           |    |    |    |     |     |     |
| KODACOLOR II Film      |   |      |      |      |     | Shutter Speed |     |       |     |       |    | Flashbulb |    |    |    |     |     |     |



## ELECTRONIC FLASH

Use this table with electronic flash units rated in beam candlepower seconds (BCPS). To determine the *f*-number, divide the guide number for your flash unit by the distance in feet from the flash to your subject.

| Output of Unit BCPS   | 350 | 500 | 700 | 1000 | 1400 | 2000 | 2800 | 4000 | 5600 | 8000 |
|---|-----|-----|-----|------|------|------|------|------|------|------|
| Guide Number*   | 40  | 50  | 60  | 70   | 85   | 100  | 120  | 140  | 170  | 200  |
| *If your prints are consistently too blue, use a No. 81B filter and increase your exposure by 1/3 stop. |     |     |     |      |      |      |      |      |      |      |

## ADDITIONAL INFORMATION

| FILM SPEEDS AND FILTER RECOMMENDATIONS   |                |             |
|--|----------------|-------------|
| Type of Light  | Film Speed     | Filter      |
| <b>DAYLIGHT</b>  | <b>ASA 100</b> | <b>None</b> |
| PHOTOLAMPS 3400 K  | ASA 32         | No. 80B     |
| TUNGSTEN 3200 K  | ASA 25         | No. 80A     |
| <b>Note:</b> If your camera has a built-in exposure meter that makes the reading through a filter used over the lens, see your camera manual for instructions on exposure with filters.<br>If you use exposure times longer than 1 second, you may need to increase exposure to compensate for the reciprocity characteristics of this film. For a 10-second exposure, use a lens opening 1 stop larger; for a 100-second exposure, use a lens opening 2 stops larger. |                |             |

**AVOID CONDITIONS THAT SPOIL YOUR PICTURES.** Load and unload your camera in subdued light. Don't keep your camera and film in a hot place such as the glove compartment or rear-window shelf of a car. Rewind 135 film into the magazine before you open the camera back. For best results, have your film processed promptly after exposure to avoid changes in the undeveloped image. Store film, negatives, and prints in a cool, dry place.

**DEVELOPING AND PRINTING.** Have the film processed promptly after exposure. Return the exposed film to your photo dealer for developing and printing by Kodak or another laboratory, or mail it with the appropriate processing mailer.

Your dealer can also order more color prints, enlargements, or color slides from your negatives.

**Film price does not include developing and printing by Kodak.**

**Read this notice:** The return of any film or print to us for processing or any other purpose will constitute an agreement by you that if any such film or print is damaged or lost by us or any subsidiary company it will be replaced with an equivalent amount of unexposed Kodak film and processing. Except for such replacement, the handling of such film or prints by us is without warranty or liability even though damage or loss is caused by negligence or other fault.

**YOU CAN DEVELOP KODACOLOR II Film** in your own darkroom and print the negatives on KODAK EKTACOLOR 37 or 74 RC Paper. You can process the film in KODAK FLEXICOLOR Chemicals, available from photo dealers.

**MORE INFORMATION.** If you have questions about this film, write to Eastman Kodak Company, Department 841C, at the address below. See the many Kodak books for sale at your photo dealer.

Consumer Markets Division

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