For decades, KODAK EKTACHROME set the standard for filmmakers seeking beautiful grain, clean vibrant colors and a distinctive aesthetic. Now KODAK EKTACHROME 100D Color Reversal Film / 7294 carries that standard forward into the future, for a new wave of filmmakers to embrace.

Making more of daylight illumination, KODAK EKTACHROME 100D Color Reversal Film / 7294's dense blacks, rich deep color, neutral gray scale and true-to-life skin tones will elevate your storytelling, frame by frame.

What's more, KODAK EKTACHROME 100D Color Reversal Film / 7294 also has very strong reciprocity and keeping stability so you can trust each shot will remain exactly as you pictured it.

Conventional or creative. Product, landscape, nature or fashion. Choose KODAK EKTACHROME 100D Color Reversal Film / 7294 to realise your vision – through the flawless beauty of film.

With exceptional sharpness and an extremely fine grain, it offers outstanding, consistent, uniform results in outdoor light or in well lit studio applications where moderate color saturation is required.
SENSITOMETRIC CURVES

"0" on the x-axis represents normal exposure of an 18-percent gray card in the red, green, and blue layers of this film. A white card is 2 1/3 stops higher than normal exposure, and there are at least 3 1/2 stops above that for capturing specular highlight detail. A 3-percent black card is 2 2/3 stops below normal exposure. There are at least 2 1/2 stops of latitude below that for capturing shadow detail.

EXPOSURE INDEX

Daylight (5500K) - 100
Tungsten (3200K) - 25

Use these indexes with incident or reflected light exposure meters and cameras marked for ISO or ASA speeds or exposure indexes.

RECIPIROCY

You do not need to make any filter corrections or exposure adjustments for exposure times from 1/10,000 to 1 second.

IDENTIFICATION

After processing, the product code numbers 7294 (16 mm), emulsion and roll number identification, KEYKODE numbers, and internal product symbol (EA) are visible along the length of the film.

LIGHT SOURCE KODAK FILTERS ON CAMERA

<table>
<thead>
<tr>
<th>Light Source</th>
<th>KODAK Filters on Camera*</th>
<th>Exposure Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daylight (5500 K)</td>
<td>None</td>
<td>100</td>
</tr>
<tr>
<td>Metal Halide</td>
<td>None</td>
<td>100</td>
</tr>
<tr>
<td>H.M.I.</td>
<td>None</td>
<td>100</td>
</tr>
<tr>
<td>KINO FLO KF55</td>
<td>None</td>
<td>100</td>
</tr>
<tr>
<td>Tungsten (3000 K)</td>
<td>WRATTEN2 Optical No. 80A</td>
<td>25</td>
</tr>
<tr>
<td>Tungsten (3200 K)</td>
<td>WRATTEN2 Optical No. 80A</td>
<td>25</td>
</tr>
<tr>
<td>KINO FLO KF29</td>
<td>WRATTEN2 Optical No. 80A</td>
<td>25</td>
</tr>
<tr>
<td>KINO FLO KF32</td>
<td>WRATTEN2 Optical No. 80A</td>
<td>25</td>
</tr>
<tr>
<td>Fluorescent, Warm White †</td>
<td>WRATTEN2 CC40B + CC05C</td>
<td>40</td>
</tr>
<tr>
<td>Fluorescent, Cool White †</td>
<td>WRATTEN2 CC20M</td>
<td>80</td>
</tr>
</tbody>
</table>

* These are approximate corrections only.
† These are starting point recommendations for trial exposures. If the kind of lamp is unknown, a KODAK WRATTEN2 Color Compensating Filter CC20M + CC10B can be used with an exposure index (EI) of 64.

Note: Consult the manufacturer of high-intensity ultraviolet lamps for safety information on ultraviolet radiation and ozone generation.

SENSITOMETRIC CURVES

MODULATION-TRANSFER CURVES

This graph shows a measure of the visual sharpness of this film. The x-axis, “Spatial Frequency,” refers to the number of sine waves per millimeter that can be resolved. The y-axis, “Response,” corresponds to film sharpness. The longer and flatter the line, the more sine waves per millimeter that can be resolved with a high degree of sharpness — and the sharper the film.

DIFFUSE RMS GRANULARITY CURVES

To find the rms granularity value for a given density, find the density on the left vertical scale and follow horizontally to the sensistometric curve and then go vertically (up or down) to the granularity curve. At that point, follow horizontally to the Granularity Sigma D scale on the right. Read the number and multiply by 1000 for the rms value.
SPECTRAL SENSITIVITY CURVES
These curves depict the sensitivity of this film to the spectrum of light. They are useful for determining, modifying, and optimizing exposure for blue- and green-screen special-effects work.

SPECTRAL DYE-DENSITY CURVES
These curves depict the spectral absorption of the dyes formed when the film is processed. They are useful for adjusting or optimizing any device that scans or prints the film.

NOTE: Cyan, Magenta, and Yellow Dye Curves are peak-normalized.

Spectral Sensitivity Curve Key
- Sensitivity of the yellow dye forming layer
- Sensitivity of the magenta dye forming layer
- Sensitivity of the cyan dye forming layer

Spectral Dye Density Curve Key
- Midscale Neutral
- Cyan Dye
- Magenta Dye
- Yellow Dye
- Minimum Density

* Availability may vary by location. Contact your local Kodak representative for additional information.
Notice: While the data presented are typical of production coatings, they do not represent standards that must be met by Kodak. Varying storage, exposure, and processing conditions will affect results. The company reserves the right to change and improve product characteristics at any time.

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Lab directory: www.kodak.com/go/findlab

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