



TI0845

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KODAK Safelight Filters

1) General Information

This TI documents the spectrophotometric graphs of KODAK Safelight Filters. Specific safelight filter recommendations are provided in individual product TI documents, which include frosted bulb wattage for use in the safelight lamp and minimum distance between the lamp and the photographic material.

Additional information on safelight use and testing is provided in KODAK Publications K-4, *How Safe is Your Safelight? A Guide to Darkroom Illumination*, and B-3, *KODAK Photographic Filters Handbook*.

| KODAK Safelight Filter | Color | Use |
|-------------------------------|--|---|
| OA | Greenish yellow | Black-and-white contact and duplicating materials, projection films |
| OC | Light amber | Contact and enlarging papers |
| OO | Light yellow | Flashing halftones made through a KODAK Contact Screen for contrast control |
| 1 | Red | Blue-sensitive materials and most phototypesetting materials |
| 1A | Light red | Slow orthochromatic materials |
| 2 | Dark red | Fast orthochromatic materials, green-sensitive x-ray films |
| 3 | Dark green | Some panchromatic materials |
| 6B | Brown | Blue-sensitive x-ray films |
| 7B | Green | Some panchromatic materials |
| 8 | Dark yellow | Color print and color intermediate motion-picture films |
| 10 | Dark amber | Color negative papers, materials, panchromatic black-and-white papers |
| 11 | Appears opaque, transmits infrared radiation | For use with infrared inspection devices |
| 13 | Amber | Color negative papers, panchromatic black-and-white papers |
| GBX-2 | Dark red | Most blue-sensitive x-ray films, most green-sensitive medical x-ray films |

2) Graphs¹

Transmission

- A) KODAK OA Safelight Filter / greenish yellow (12-80)
- B) KODAK OC Safelight Filter / light amber (12-80)
- C) KODAK OO Safelight Filter / light yellow (12-80)
- D) KODAK 1 Safelight Filter / red (12-80)
- E) KODAK 1A Safelight Filter / light red (12-80)
- F) KODAK 2 Safelight Filter / dark red (12-80)
- G) KODAK 3 Safelight Filter / dark green (12-80)
- H) KODAK 6B Safelight Filter / brown (12-80)
- I) KODAK 7B Safelight Filter / dark green (10-90)
- J) KODAK 8 Safelight Filter / dark yellow (12-80)
- K) KODAK 10 Safelight Filter / dark amber (12-80)
- L) KODAK 11 Safelight Filter / appears opaque (12-80)
- M) KODAK 13 Safelight Filter / amber (12-80)
- P) KODAK GBX-2 Safelight Filter / dark red (12-80)

Safelight Intensification

- Q) GBX-2 Safelight Filter (6-81)

This curve displays the effect of safelight intensification on typical blue-sensitive and ortho-sensitive Kodak medical x-ray films for the GBX-2 Filter is recommended.

If you have questions or need assistance, contact your local Kodak representative.

The contents of this publication are subject to change without notice.

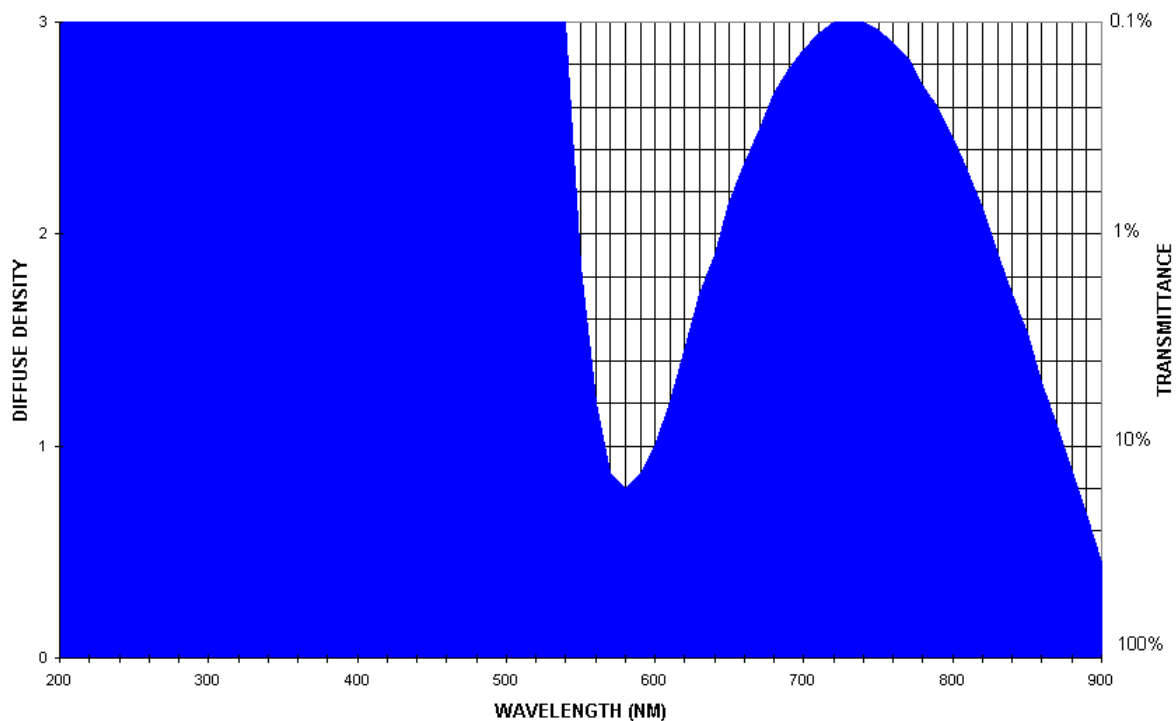
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End of Data Sheet

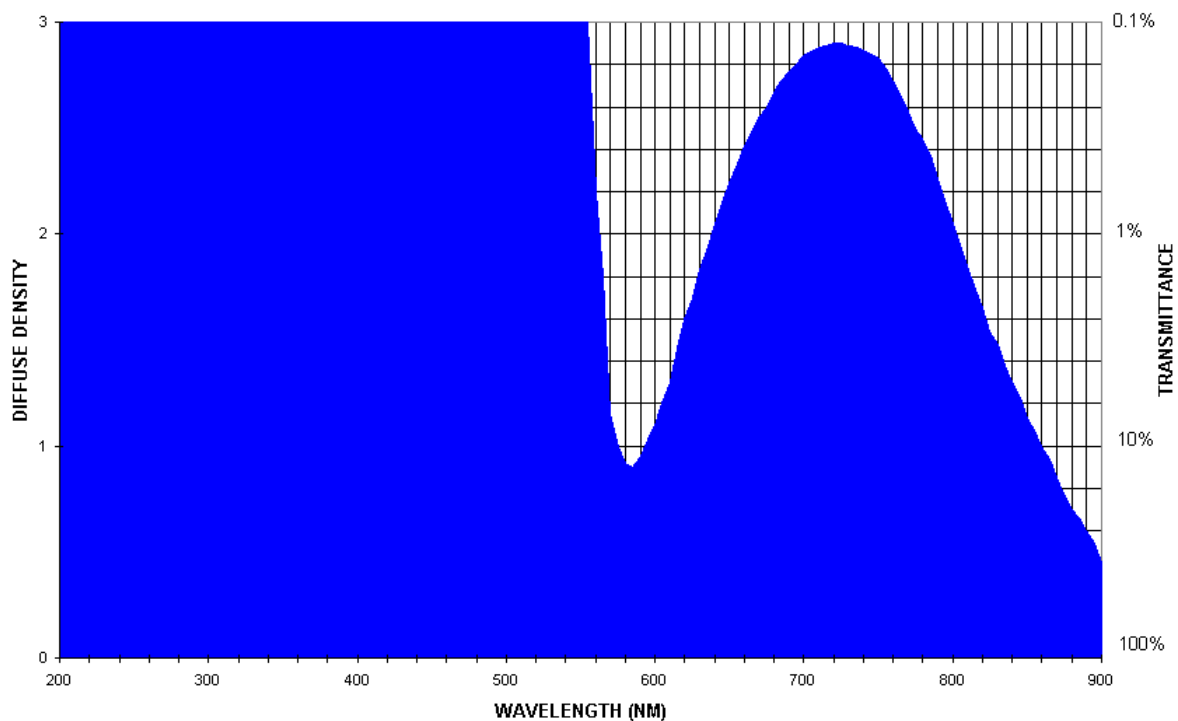
¹NOTICE: The sensitometric curves and data in this publication represent product tested under the conditions of exposure and processing specified. They are representative of production coatings, and therefore do not apply to a particular box or roll of photographic material. They do not represent standards or specifications that must be met by Eastman Kodak Company. The company reserves the right to change and improve product characteristics at any time.

TI0845A 12-80
TRANSMISSION, For Publication
KODAK OA Safelight Filter/greenish yellow
(Shaded area indicates absorbed light)



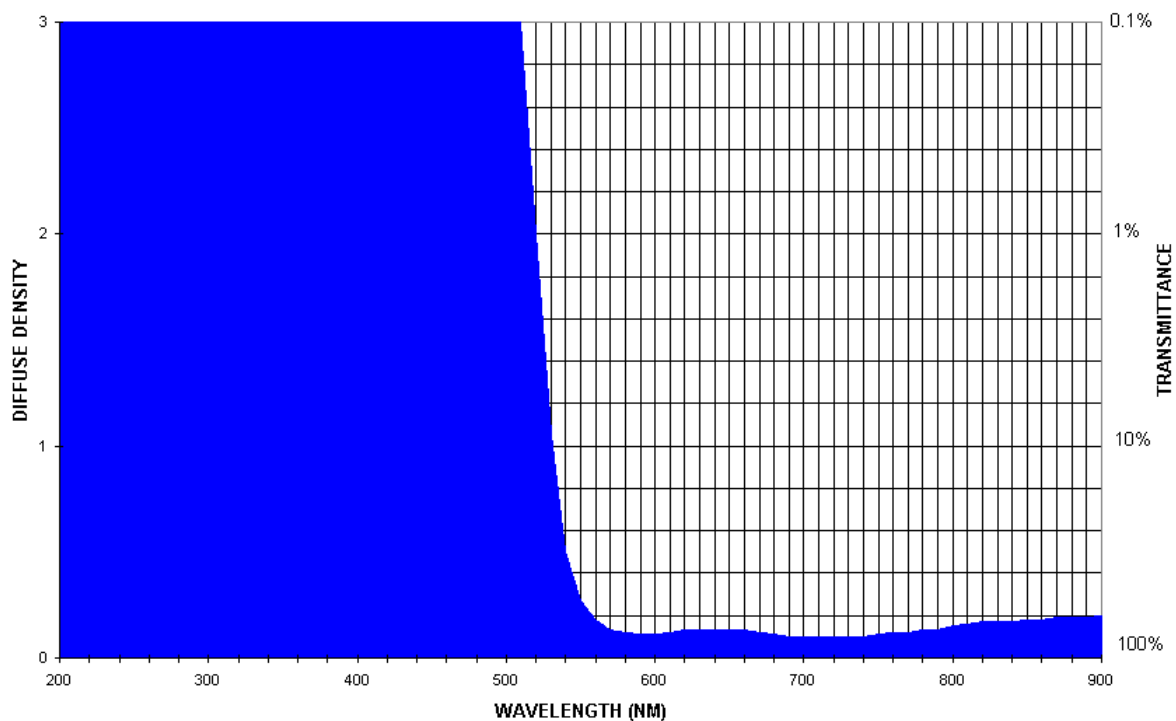
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TI0845B 12-80
TRANSMISSION, For Publication
KODAK OC Safelight Filter/light amber
(Shaded area indicates absorbed light)



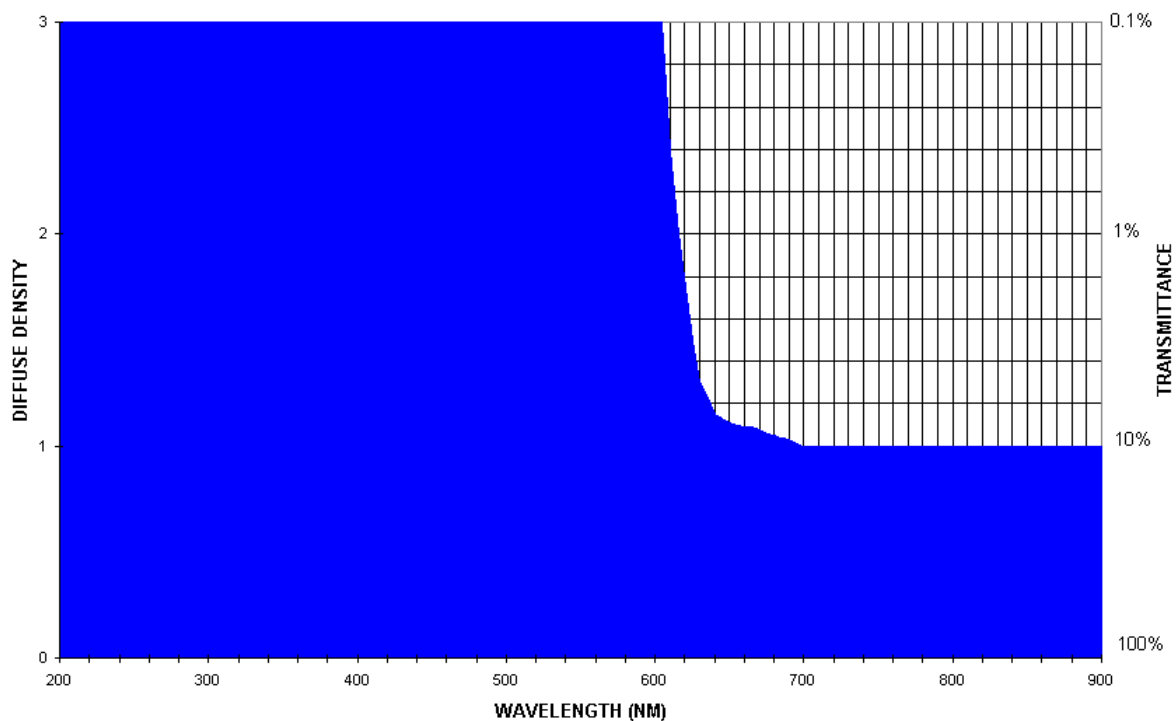
Notice: While the data presented are typical of production coatings, they do not represent standards which must be met by Eastman Kodak Company. Varying storage, exposure and processing conditions will affect results. The company reserves the right to change and improve product characteristics at any time.

TI0845C 12-80
TRANSMISSION, For Publication
KODAK OO Safelight Filter/light yellow
(Shaded area indicates absorbed light)



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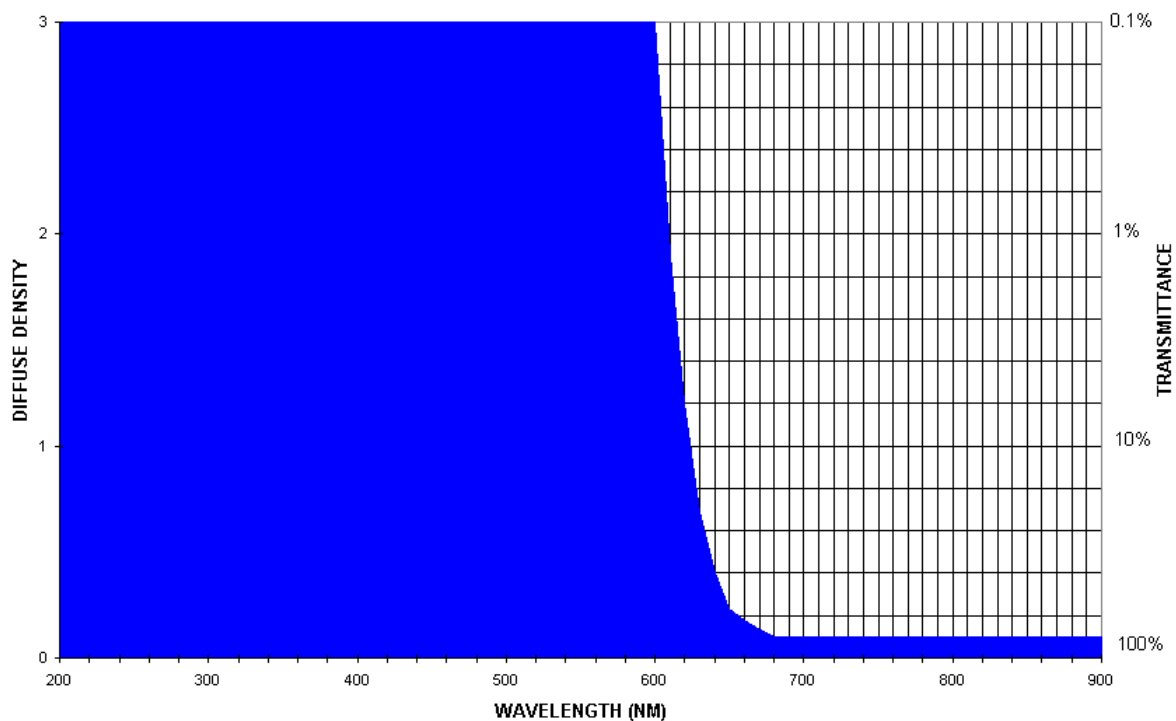
TI0845D 12-80
TRANSMISSION, For Publication
KODAK 1 Safelight Filter/red
(Shaded area indicates absorbed light)



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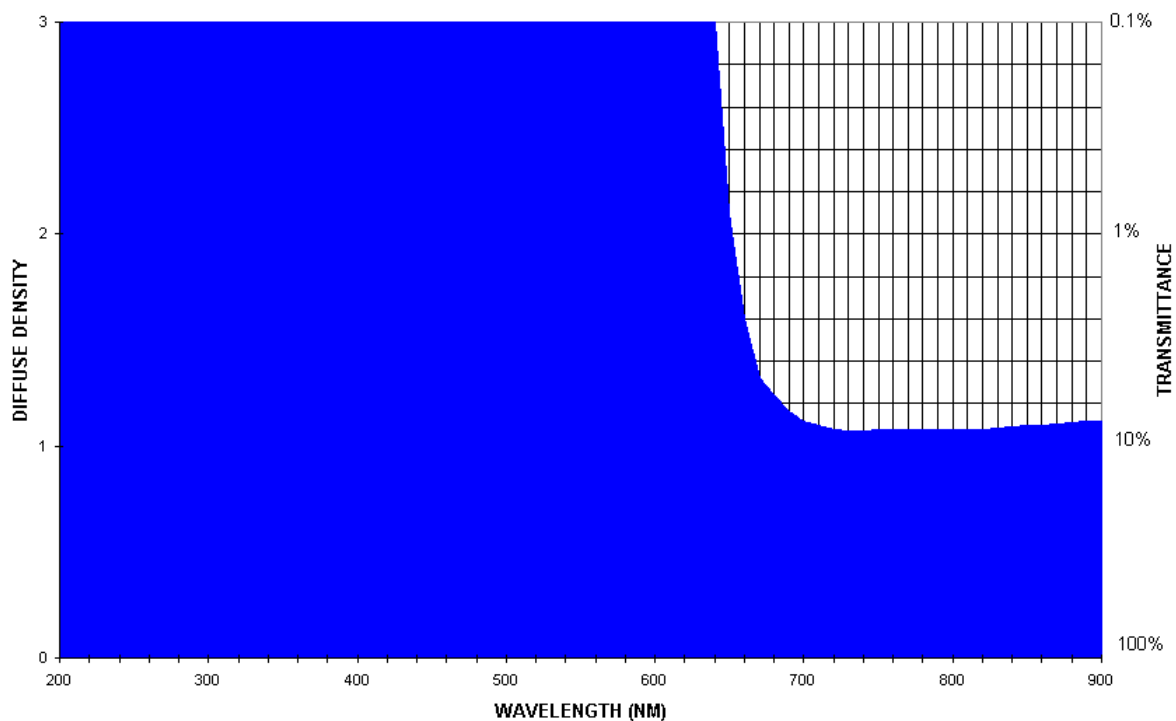
TI0845E 12-80
TRANSMISSION, For Publication

KODAK 1A Safelight Filter/light red
(Shaded area indicates absorbed light)



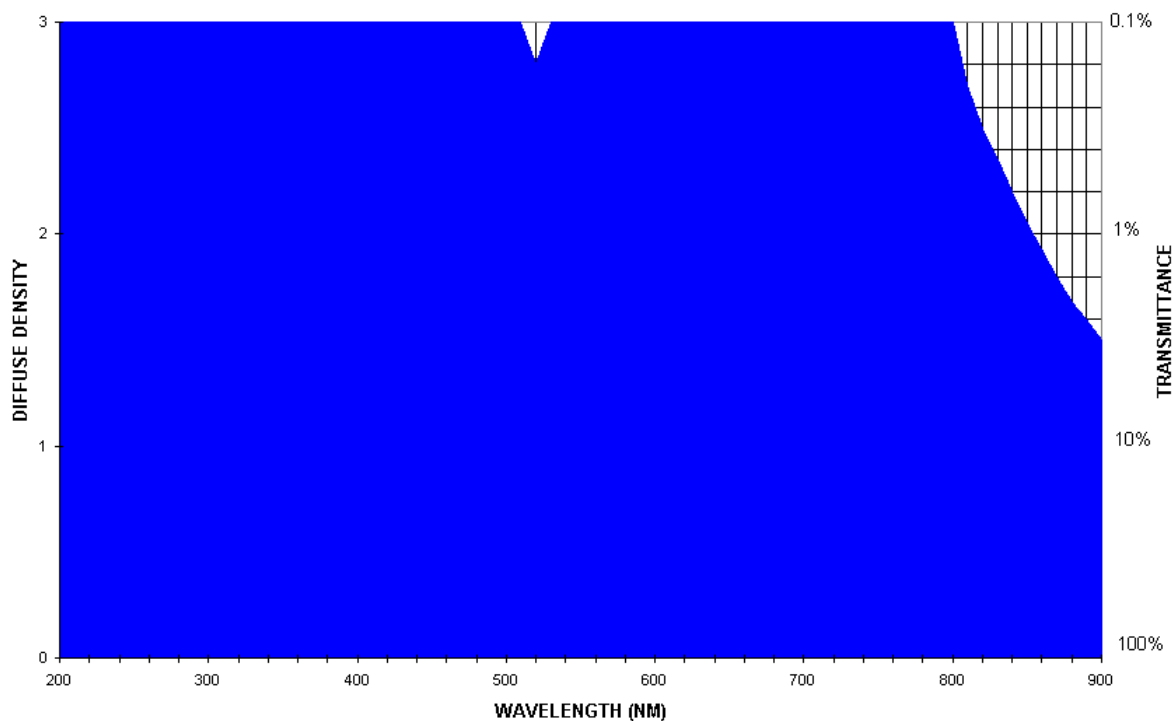
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TI0845F 12-80
TRANSMISSION, For Publication
KODAK 2 Safelight Filter/dark red
(Shaded area indicates absorbed light)



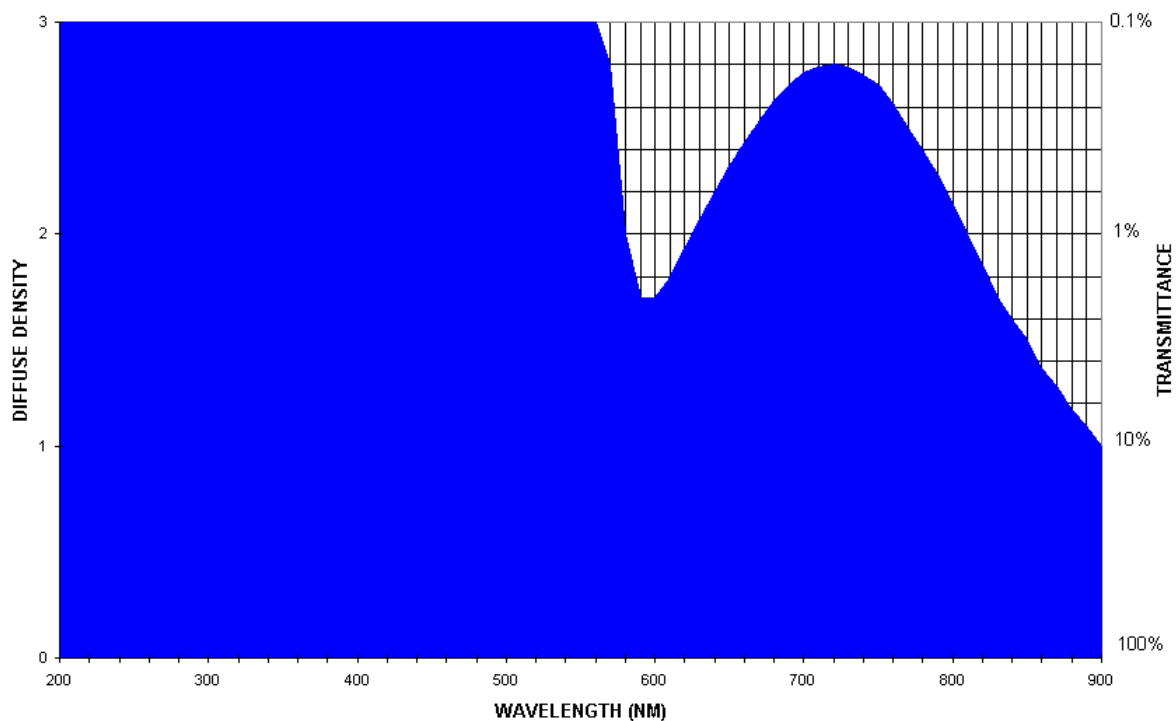
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TI0845G 12-80
TRANSMISSION, For Publication
KODAK 3 Safelight Filter/dark green
(Shaded area indicates absorbed light)



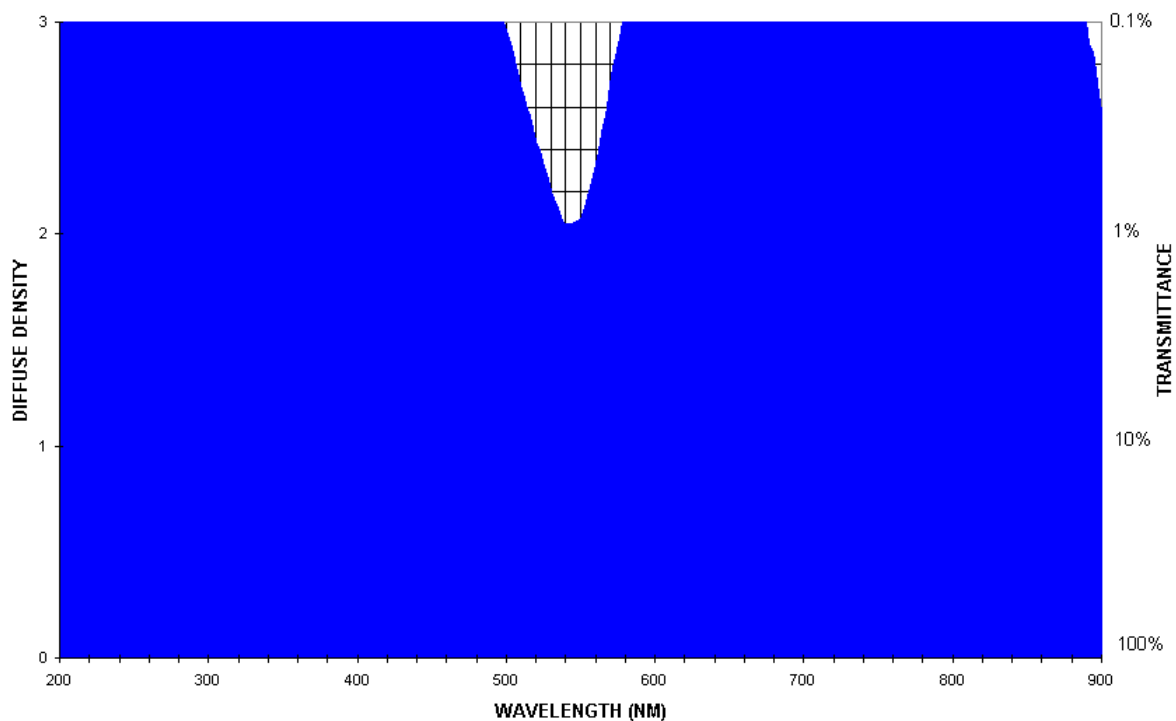
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TI0845H 12-80
TRANSMISSION, For Publication
KODAK 6B Safelight Filter/brown
(Shaded area indicates absorbed light)



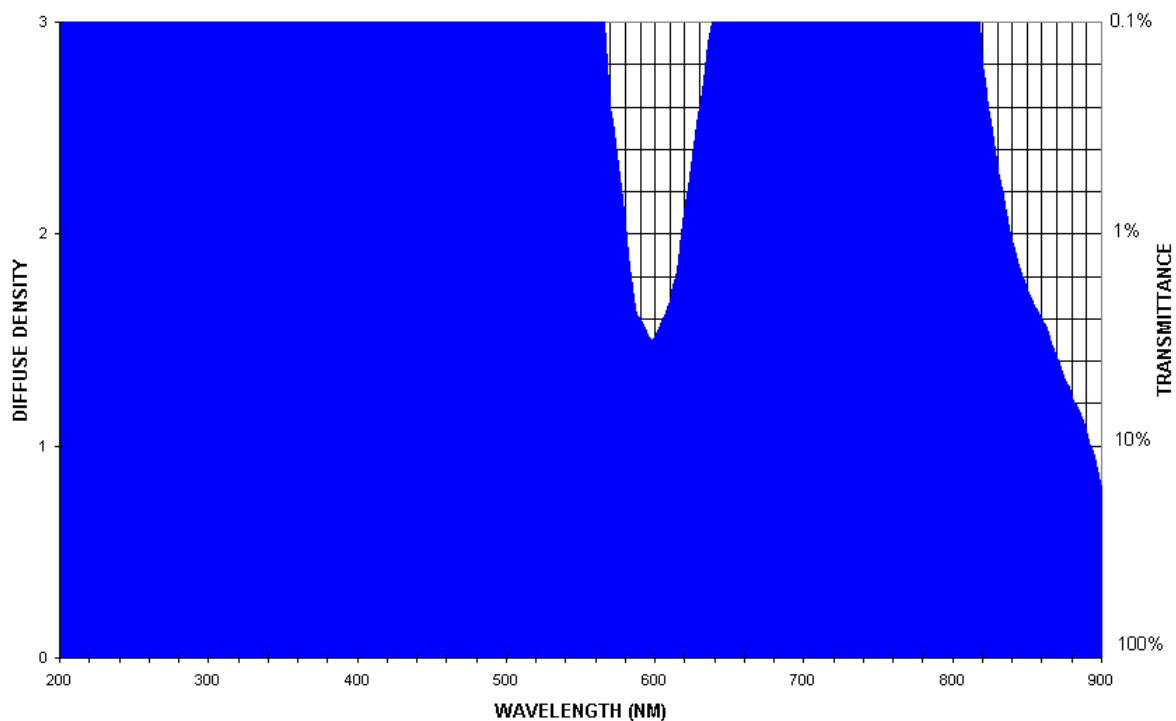
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TI0845I 10-90
TRANSMISSION, For Publication
KODAK 7B Safelight Filter / Green
(Shaded area indicates absorbed light)



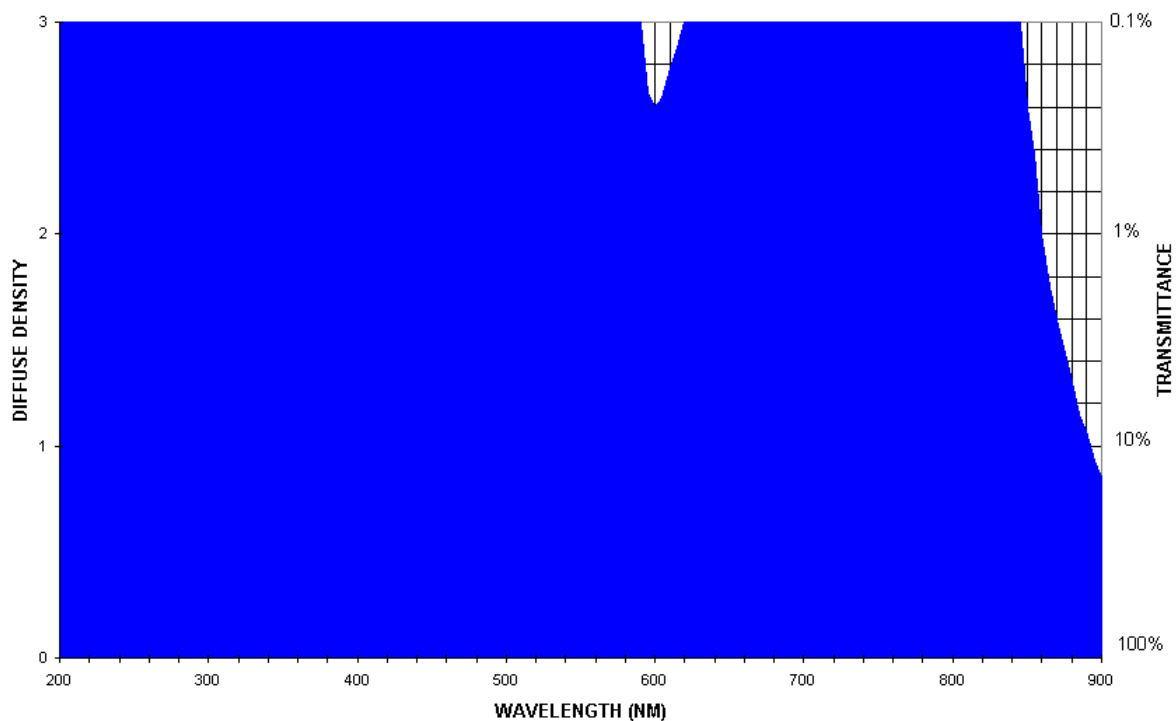
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TI0845J 12-80
TRANSMISSION, For Publication
KODAK 8 Safelight Filter / dark yellow
(Shaded area indicates absorbed light)



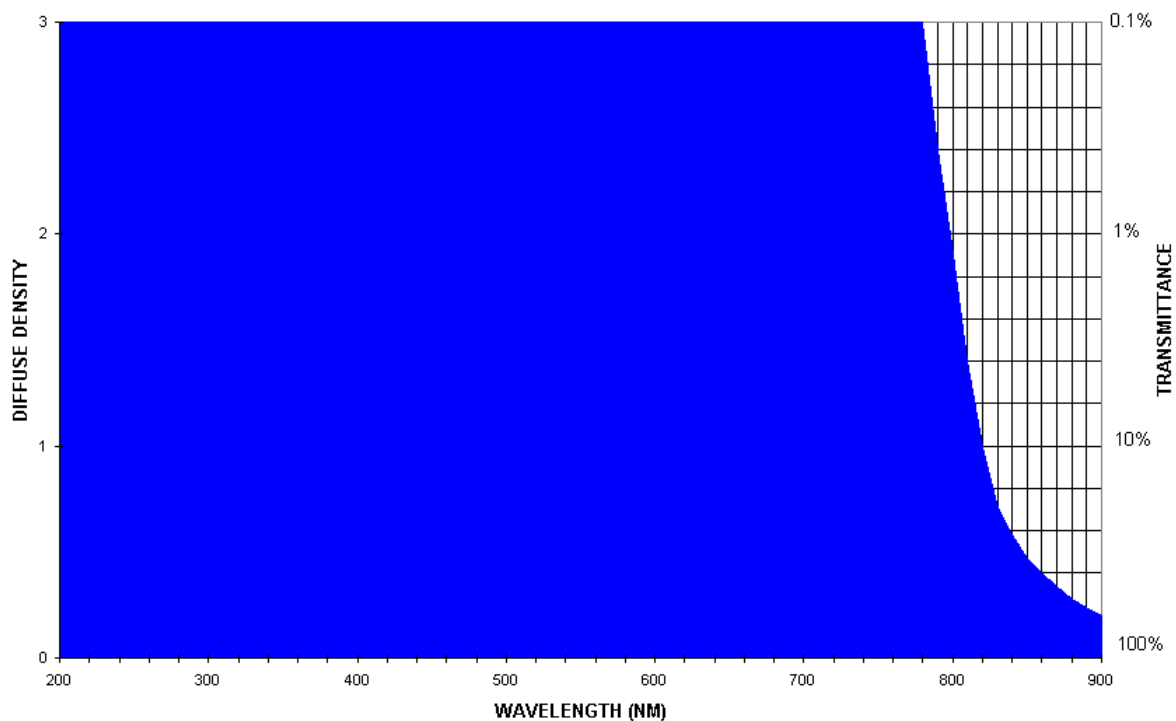
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TI0845K 12-80
TRANSMISSION, For Publication
KODAK 10 Safelight Filter/dark amber
(Shaded area indicates absorbed light)



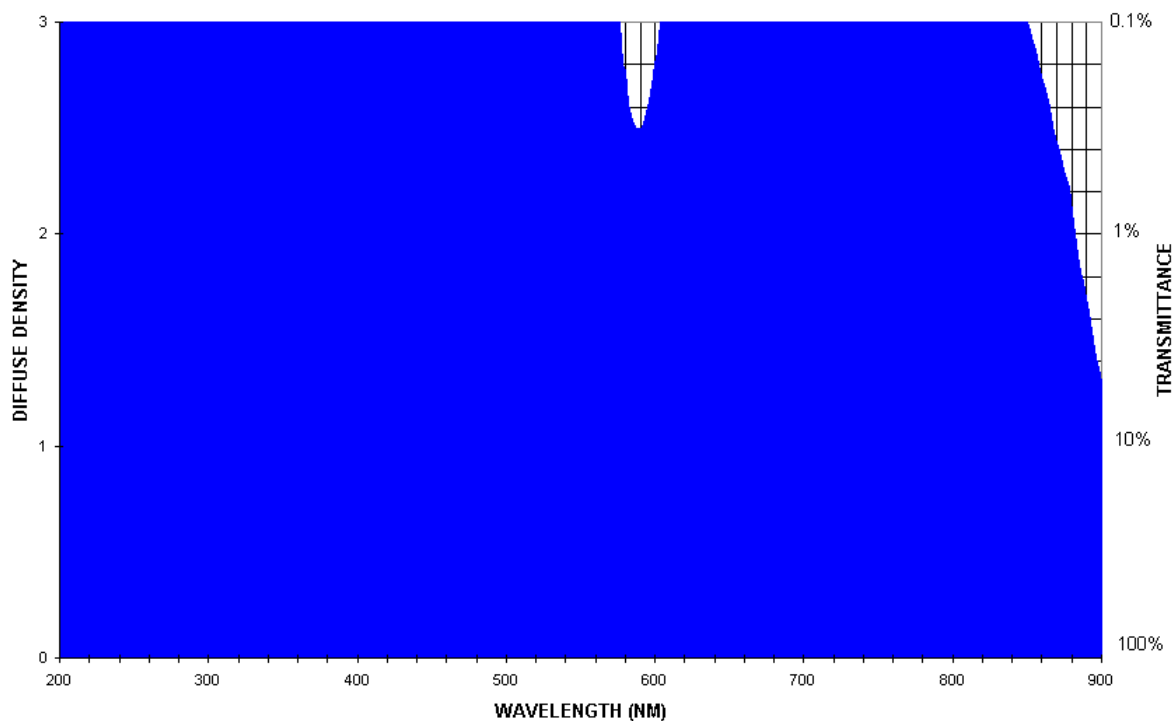
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TI0845L 12-80
TRANSMISSION, For Publication
KODAK 11 Safelight Filter/appears opaque
(Shaded area indicates absorbed light)



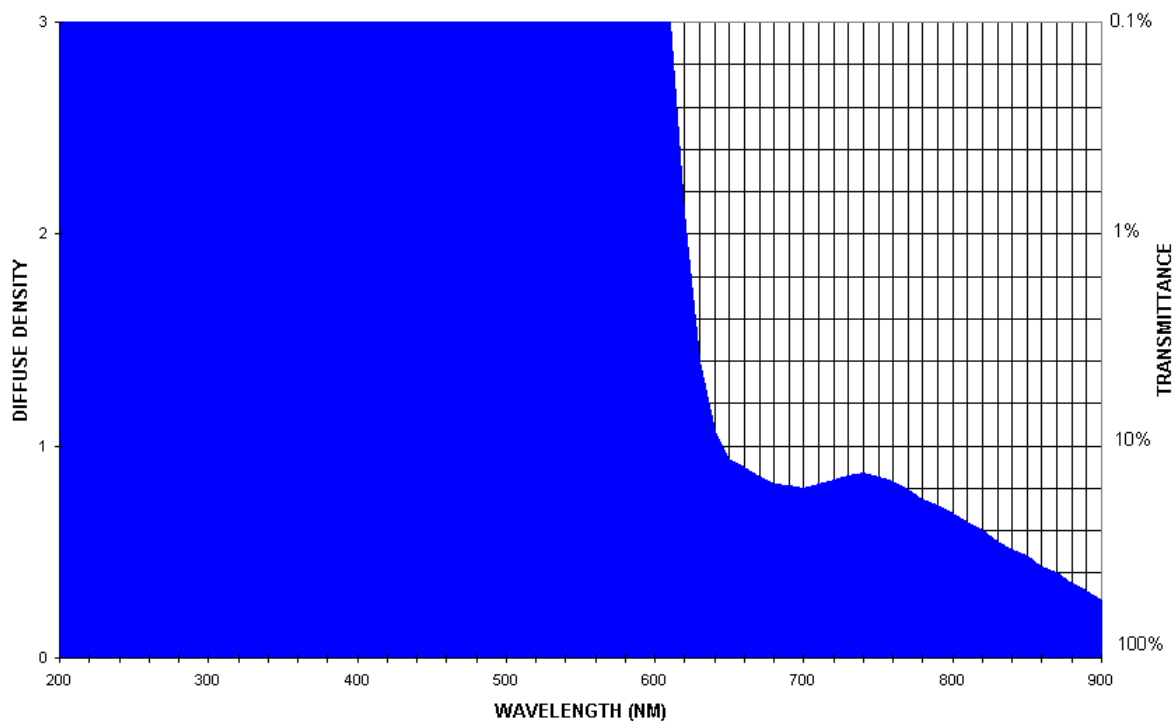
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TI0845M 12-80
TRANSMISSION, For Publication
KODAK 13 Safelight Filter / Amber
(Shaded area indicates absorbed light)



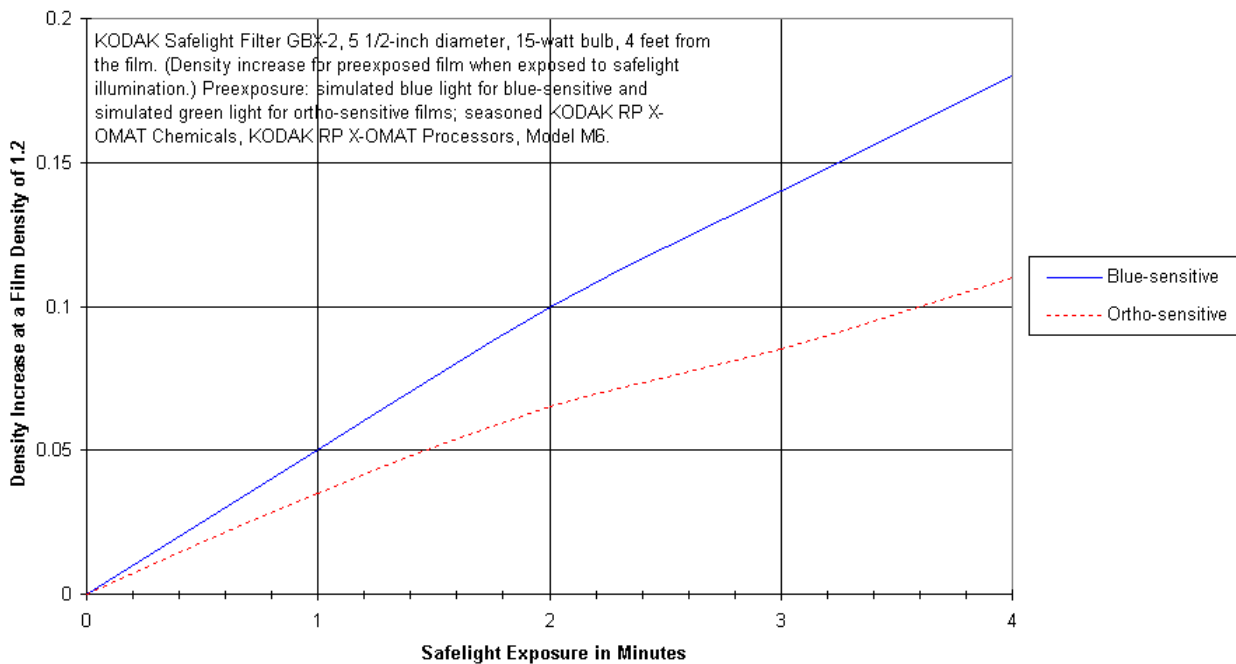
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TI0845P 12-80
TRANSMISSION, For Publication
KODAK GBX-2 Safelight Filter
(Shaded area indicates absorbed light)



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TI0845Q 6-81
SAFELIGHT INTENSIFICATION, For Publication
KODAK Safelight Filter GBX-2 with Blue-Sensitive and
Ortho-Sensitive KODAK Medical X-ray Films



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