Chromaticity Reference Filters

for photometric and colorimetric calibration

FEATURES

- Set of 20, 2 inch x 2 inch (5.08 x 5.08 cm) acrylic filters
- Twenty page reference guide gives curves, values and coordinates for each filter, including:
  - Spectral Transmission data from 320 to 800 nm
  - Chromaticity Coordinates for each of nine (9) color temperatures from 1600 to 6500 Kelvins
  - Luminous Transmittance for each of the nine (9) color temperatures
- NIST Traceable Calibration

Our highly accurate, stable Marine Engineering Laboratory (M.E.L.) Chromaticity Reference Filters provide reliable light and color standards for a fraction of the cost of calibrated glass.

This set of 20, 2 x 2 inch (5.08 x 5.08 cm) acrylic filters, molded to an exacting optical tolerance and controlled thickness, is an invaluable tool for providing the secondary chromaticity and transmission standards needed in photometric and colorimetric laboratories.

When used in conjunction with an illuminance or luminance standard, such as the SphereOptics Luminance/Radiance Calibration Systems, these absorption filters provide accurate chromaticity reference points in each of five color categories:
3 red, 2 yellow, 5 green, 5 blue, 4 white, and an intermediate reference between red and yellow.

The chromaticity filters are supplied with a valuable 20-page reference guide that gives the following curves, values and coordinates for each filter:

- Spectral transmission from 320 to 800 nanometers.
- The chromaticity coordinates for each of 9 color temperatures from 1600 to 6500 Kelvins.
- The luminous transmittance for the same 9 color temperatures.

Accuracy of the data and curves is directly traceable to NIST.

For more information, call or write today.

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