Spectral density curves





In order to simulate conditions closest to practical use, exposure was made under a 5400K light source, through a Fuji SC-41 ultraviolet absorbing filter. Processing was carried out under standard conditions and the three color densities (status M) were measured. The results of measurements are plotted as characteristic curves.



Processing : Specified Standardized Conditions Densitometry : Arbitrary Three Color Densities Density : 0.40 above Minimum Density Sensitivity : Reciprocal of Exposure (ergs/cm²) Required to Produce Specified Density

RMS granularity

2.5 (1000 times the data obtained from the measurement taken at a visual diffuse density 1.0 above the minimum density; a $48\mu m$ diameter aperture used)





* Spatial frequency attenuation characteristic of amplitude relative to rectangular wave chart. (Presented data is normalized with the amplitude of a zero frequency.)

Characteristic curves