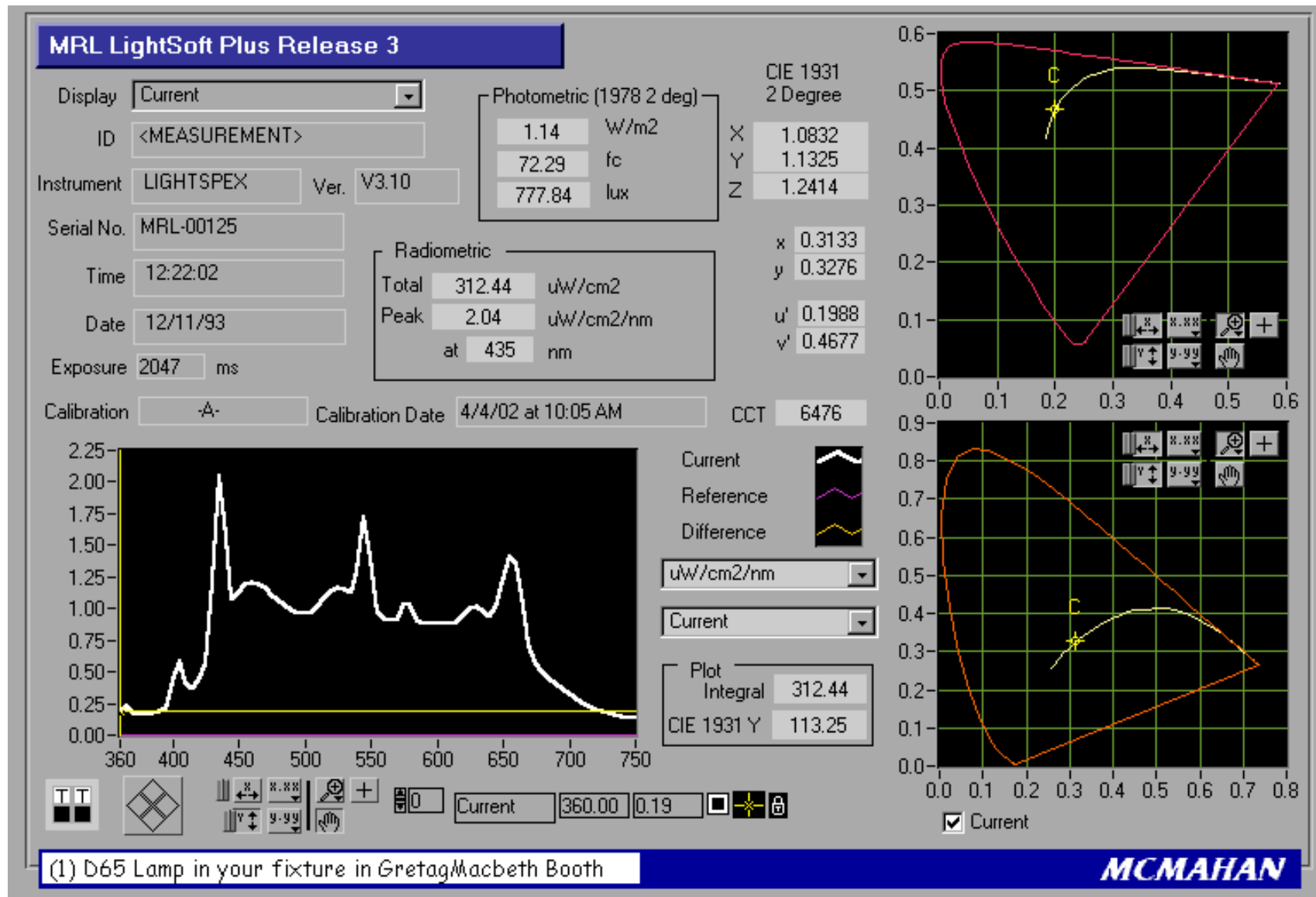


GRETAGMACBETH SPECTROGRAPH OF IDEAL-LUME® PRO



The type of fixture used with a specific fluorescent illuminant can have an affect upon the performance of the lamp. This graph of GretagMacbeth's test of their patented D65 lamp reveals an ideal match with CinemaQuest, Inc.'s custom fixture. The spectroradiometer is measuring the product directly in a reference Munsell neutral surround. The D65 point on the 1931 CIE Chromaticity Diagram is at the following coordinates: x - 0.3127 and y - 0.3291. GretagMacbeth measured our product at: x - 0.3133 and y - 0.3276. The practical tolerance of deviation from the ideal allowed in professional video monitors is +/- .005 along the x and y axes [SMPTE RP167]. The measured sample only deviates by: +.0006 along the x axis and -.0015 along the y axis!