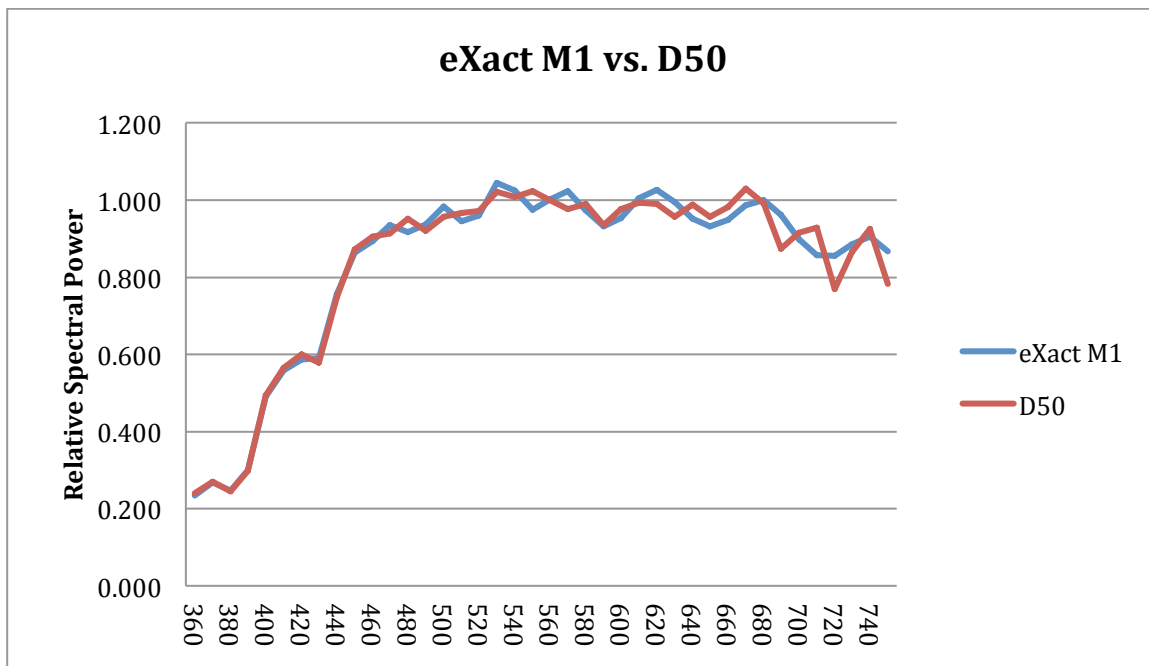


ISO 13655:2009 requests manufacturers to supply a representative spectral power distribution of the M1 measurement source at the plane of measure. X-Rite believes this is of primary interest to those who are using M1 part 1 where the aim is to have the measurement illuminant closely match D50. This is the approach used by the eXact and allows for measuring all types of fluorescent effects not just OBA's. For M1 part 2 compliant instruments this is of little value as the instrument only needs to provide a method to simulate the effect of D50 on optical brightening agents and the source illuminant is not specified.

The graphic below provides this information and shows the eXact M1 illuminant compared to the standard theoretical D50 curve.



For more information on ISO 13655 and the M standards please look at the following paper ["The M Factor...What Does It Mean?"](http://www.xrite.com/documents/literature/en/L7-510_M_Factor_en.pdf) or copy this link: http://www.xrite.com/documents/literature/en/L7-510_M_Factor_en.pdf