1014-Q1-612   **Stuart Boersma*** (`boersmas@cwu.edu`), Department of Mathematics, 400 East University Way, Ellensburg, WA 98926-7424, and **Garrett J McGowan**, Division of Chemistry, Alfred University, Alfred, NY 14802. *See The Light! (Beer's Law in Calculus).*

An Interdisciplinary Lively Application Project (ILAP) suitable for calculus students will be presented. The ILAP focuses on the use of simple modeling with Riemann sums to develop Beer's Law which describes the relationship between the absorbance of light and the concentration of the solution which the light is penetrating. A further application of the usefulness of Beer's Law in creating calibration curves will be presented. (Received September 21, 2005)

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