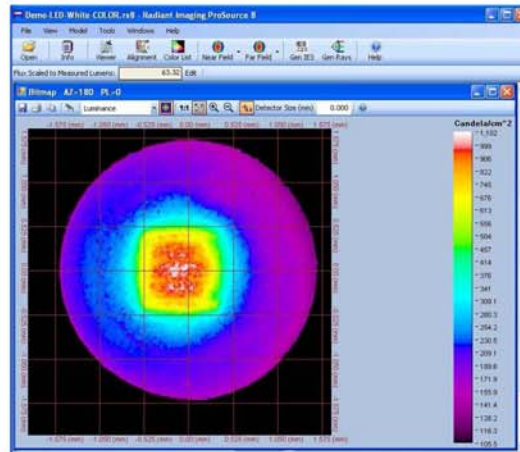


# ProSource<sup>®</sup> Software Version 8.0

*Software for light source analysis and ray generation using Radiant Source Model™ data files*



ProSource software enables illumination designers to fully exploit Radiant Source Models™; these models are the most accurate method of describing the near-field output of real light sources in optical and illumination design software. ProSource software can be used to perform a variety of analyses on Radiant Source Models™, as well as to generate ray sets that can be exported to leading optical and illumination design software programs, such as ASAP, LightTools, TracePro, ZEMAX, SimuLux and FRED. Version 8.0 includes expanded color capabilities, including determination of light source color characteristics in the calibrated CIE color space, analyzing luminance, color coordinates (CIE xy or CIE u'v'), tristimulus values, or correlated color temperature (CCT) within a user defined area, and producing various plots of source output as a function of angle.

For technical or sales support contact us at [sales@radiantimaging.com](mailto:sales@radiantimaging.com) or call us at 425-844-0152.

*\*A current ProSource license is required in order to utilize ray sets with third party optical and illumination design packages.*

## ProSource 8 Advantages

- Enables analysis and ray generation using Radiant Source Models
- Provides CIE color information for any point in the source
- Allows interactive viewing of the source
- Produces 2-D and 3-D source output plots
- Exports to IES (Illumination Engineering Society) file format

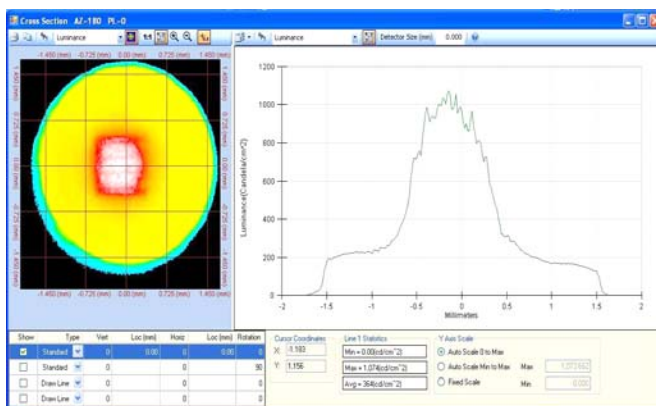
## Capabilities

### Ray generation

- Exported ray sets are compatible with ASAP, FRED, Integra, LightTools, LucidShape, Opticad, OSLO, SimuLux, TracePro, Zemax, ASCII format, and more.
- Full user control over the number of rays, angular range of rays, total luminous flux of the ray set and ray origin.
- Generate rays on the surface of a sphere, cylinder, or plane as well as nearest distance to z-axis location.
- Both photopic and color raysets (RGB) supported with no limit to the number of rays generated (other than user system constraints)
- Exports to Type-C IES files for general lighting applications.

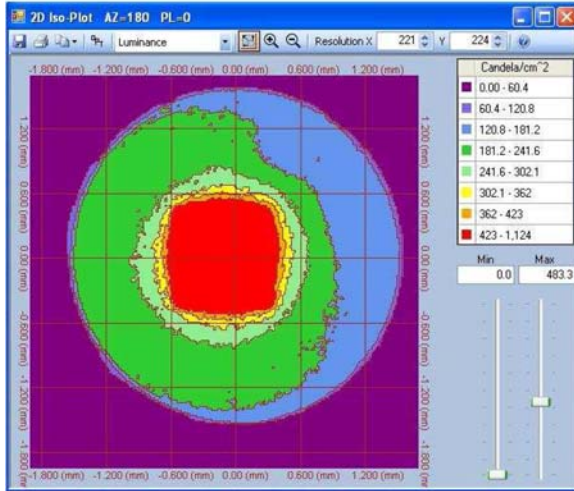
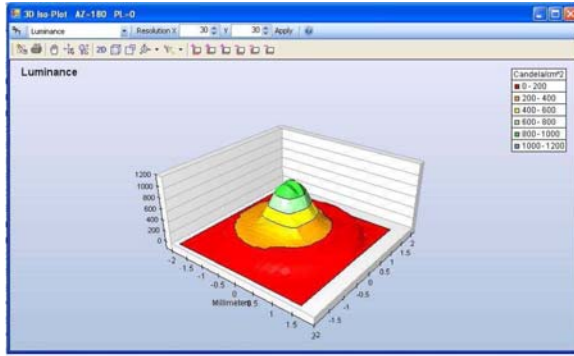
### Analysis

- Determine CIE color coordinates, (CIE xy or CIE u'v'), tristimulus values, correlated color temperature (CCT) and luminance values for any point or user define area in the source.
- View animated images of a light source to intuitively understand its light output characteristics.
- View alignment images of the light source to determine the origin of the global coordinate system in relationship to specific physical features of a light source.
- View 2-D and 3-D data plots of the light source output.



### Minimum System Requirements

Intel Pentium Processor 1 GHz or better 256MB Ram 400MB free space on the boot drive after installing ProSource and Radiant Source Models Win 2000, Win XP, or Vista



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