



## TracePro Version 7.1.4 Released on 16 May 2012

**All customers with a current Maintenance and Support subscription are entitled/encouraged to download and install this latest release from our website:**

[http://www.lambdares.com/technical\\_support/tracepro/releases/](http://www.lambdares.com/technical_support/tracepro/releases/)

### TracePro 7.1.4 highlights:

- Update: Change the names of the lens design translator DLLs to avoid a conflict with some anti-virus software
- Update: Allow file saving from the Irradiance Viewer
- Update: Fix crash when property name is blank
- Update: Fix database importing issue
- Update: Fix display issue with Log RepTiles
- Update: Fix tab order in Insert Thin Sheet dialog box
- Update: Reduce column width in Insert Thin Sheet dialog box
- Update: Use outward normal of the face when automatically calculating normal vector
- Update: Fix flux report when fluorescence is involved
- Update: Fix issue with refreshing Material Property dialog box
- Update: Fix raytrace error on a user-supplied model with a Direction Sensitive Grating
- Update: Fix demo-mode raytracing
- Update: Enable spaceball in 64-bit TracePro
- Update: Fix error message – “bulk absorbed flux with no object” is terminating rays in model with GRIN and Material property with bulk absorption on objects that share a coincident face
- Update: Fix raytracing error on submitted model where ray is not transmitting/refracting out of GRIN object
- Update: Fix Ray History incorrect OPL value when a GRIN property is applied
- Update: Fix display issue when modifying multiple surface sources
- Update: Fix identified crash after running macro using the F5 key from the Macro Editor
- Update: Fix copy/paste issue with surface source
- Update: Fix issue with grouping in the system tree
- Update: Fix unsmoothed display of CIE and true color when plot window is made small

- Update: Fix printing of smoothed CIE and true color plots
- Update: Fix display of smoothed CIE data in the irradiance viewer
- Update: Fix issue with Insert Lens to allow second face decenter
- Update: Fix internally found issue with flux on certain surface source properties
- Update: Fix issue with erroneous lens created in OSLO translator
- Update: Fix incorrect import of customer-supplied Code V file
- Update: Fix issue with Code V importer not importing some surfaces without a clear aperture defined
- Update: Fix default wavelength bug in the macro command  
property:apply-flux-surface-source
- Update: Intercept limit fixed for Total Scatters, Random Scatters, and Optical Scatters. These allowed one more scatter than they should.
- Update: Fix crash when ray is started in 1 of 2 GRIN objects that share a coincident face

## **TracePro Utilities Revisions**

### **BSDF Converter:**

- New: Add new options and functions for fitting BSDF by elliptical ABg model

### **IES/LDT Import:**

- New: Add capability of exporting IES (Type C only)/LDT file formats
- New: Add Polar/Rectangular Candela plots

### **Surface Source property Generator:**

- New: Add capability of creating multiple beam shapes
- New: Add new feature of displaying irradiance map
- New: Add capabilities of loading surface source property from files and TracePro database
- New: Support new text format
- Update: Fix the unit of exported data as Radiometric

### **Interactive Optimizer:**

- Update: Fix the issue of wrong orientation of the generated biaxial object
- Update: Fix the issue of not retained surface property in the generated biaxial object in TracePro