

## Software Press Releases

### TracePro 6.0.6 highlights

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(Released on 10 June 2010)

- Fix to macro recorder when inserting a thin sheet
- Display ray history table flux values according to Analysis units
- Fix fluorescence results when excitation source is in photometric units
- (analysis:refresh) now refreshes candela plots
- Remove rare memory leak
- (edit:rotate ... ) can now handle the origin of object WCS as an argument
- Fix erroneous error message in LC stating that there are no sources to trace
- Fix import surface property initialization issue
- Change method for part identification for files coming from the Bridge
- Fix boolean issue that resulted in a crash
- Prevent color palette data overwrite
- Fix normalization issue on smoothed irradiance maps
- Add macro commands:
  - (analysis:get-current-irradiance-normalized-flux )
  - (analysis:get-current-irradiance-total-flux )
- Fix identified crash when deleting a wavelength when applying a fluorescence property
- Fix simulation file viewer issue identified on x64
- Fix issue with moving file sources
- Fix source copying issue
- Fix issue with reptile display of bumps and hole on older OML files
- Change format of raytrace report time
- Fix display issue with high resolution hidden objects
- Permit more types of arguments to change spectral type between discrete wavelengths and continuous wavebands in the following macro commands:
  - (raytrace:set-surface-source-discrete-wavelength )
  - (raytrace:set-surface-source-continuous-wavebands )
- Analysis-mode reverse raytrace irradiance maps limited to exit surfaces
- Demo mode cleanup
- Fix HOOPS error involving a data type
- Fix ran function in evaluator

## TracePro 6.0.5 highlights

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(Released on 29 April 2010)

- Fix analysis maps with reverse raytrace, multiple sources, analysis mode
- Fix potential hang with table BSDF
- Fix enhanced prism display
- Fix return values when executing commands (raytrace:get-incident-flux ) and (raytrace:get-total-rays ) with specified wavelengths
- Improve initial time estimate in progress dialog
- Increase limit on body and face names to accommodate concatenated names coming over from the Bridge
- Allow simulation file manager in LC edition
- Disable DDE for LC edition
- Refresh Apply Properties dialog properly in LC
- Updates to read new Bridge files
- Add support for old Bridge files
- Fix dll property problem with saving path
- Fixes for scheme view and pick commands
- Updates to log RepTile documentation
- Display error message returned by ACIS API
- Open proper property page when double-clicking in system tree
- Fix slow import for large surface property
- Fix corner cube RepTile display
- Include full precision for evaluator
- Fix log RepTile display
- Fix documentation – some evaluator commands missing from Help
- Fix values in legend and status bar on Irradiance Maps when Normalized to Emitted Flux is selected
- Fix identified crash with Spanish version
- Fix issue with elliptical BSDF scatter distribution
- Fix insertion issue with GRIN editor on x64
- Draw background for polarization maps
- Store reflector radius after modification

## **TracePro 6.0.3 highlights**

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(Released on 15 January 2010)

- Update volume flux file properly for multiple simulations
- Fix issue with copying sources in the system tree for x64
- Fix raysorting macro
- Remove string length limit
- Fix issue with fluorescence simulation
- Fix internal copying of thin film stack data
- Fix potential crash due to memory overwrite in finding material catalog
- Fix viewing vector when max to min ratio is very large
- Update copyright information
- Avoid numerical issues when checking two positions are the same

## TracePro 6.0 new features/enhancements

(Released on 1 September 2009)

- Support for x64 processors
- New licensing technology
  - Standalone licenses use new SafeNet driver
  - Network licenses use SafeNet hardware key on server
- New Properties Database file based on SQL
- New RepTile geometry (TracePro Expert Only)
  - Log geometry available as constant, variable ring/row, and parameterized
  - Enhanced Prism geometry – hybrid of rounded prism and hip roof
- Enhanced Flux Report and Property Report
- Apply Properties dialog box redesigned
- *View/Preferences* and *View/Customize* dialog boxes combined
- *Insert/Reflector* dialog box now enables you to insert solid concentrators
- New menu selection: *Help/TracePro User Manual* which links to the current manual on [www.lambdares.com](http://www.lambdares.com)

