Update Guide
Release 2023.3

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INTRODUCTION

This document serves as a guide for new features, changes, updates in TracePro 2023.3. This release has several new features to make TracePro more convenient to use and expand its capabilities. This release also fixes several problems reported by TracePro users.

WHAT'S NEW IN TRACEPRO 2023.3?

Changes in TracePro 2023.3 consist mainly of fixes to issues reported by our customers and found by our staff. A total of 43 issues have been resolved in the areas of:

- Ray tracing performance improvement with multithreading.
- Lens Element dialog box behavior.
- Importing OSLO files with gradient index.
- Modifying a Tube.
- Bulk scatter inside a RepTile region.
- Ray-trace Progress dialog box behavior.
- RepTile display.
- Boolean operation performance improved.
- Surface Source Property Generator
- Texture Optimizer II
- Interactive Optimizer
- Surface Property Generator
- Stray Light Analyzer
- Source Builder

For more details, please refer to the Revision History on the Current Release page in the TracePro Support section at www.lambdares.com.

RAY TRACING PERFORMANCE IMPROVEMENT

The ray tracing algorithm has been optimized for better performance while multithreading. Improvement in ray tracing speed depends strongly on the model you are tracing. For example, models with similar paths for all the rays will be able to take advantage of multiple cores more effectively.