

Measurement Capabilities	Yes	Yes	Yes
Photorealistic Rendering	Yes	Yes	Yes
Properties	TracePro LC	TracePro Standard	TracePro Expert
Surface Property Modeling	Yes	Yes	Yes
Bulk Absorption	Yes	Yes	Yes
Diffraction		Yes	Yes
Bulk Scatter		Yes	Yes
GRIN		Yes	Yes
Thin Film Stacks		Yes	Yes
Polarization		Yes	Yes
Diffraction Gratings		Yes	Yes
Temperature Dependent Properties		Yes	Yes
Direction-Sensitive Surfaces		Yes	Yes
Scatter Models – Symmetric	Yes	Yes	Yes
Scatter Models – Asymmetric		Yes	Yes
Anisotropic Surface Properties		Yes	Yes
Tabular Scatter Models – Symmetric		Yes	Yes
Tabular Scatter Models – Asymmetric		Yes	Yes
BSDF Property		Yes	Yes
Repetitive Tile (RepTile™) Surfaces			Yes
3-D Textures for RepTile			Yes
Temperature Distributions			Yes
Birefringence			Yes
Wire Grid Polarizers			Yes
Fluorescence			Yes
Sources	TracePro LC	TracePro Standard	TracePro Expert
Ray Grids	Yes	Yes	Yes
Surface Sources	Unlimited	Unlimited	Unlimited
Primitive Solids	Unlimited	Unlimited	Unlimited
User defined shapes	Unlimited	Unlimited	Unlimited
Blackbody/Graybody	Unlimited	Unlimited	Unlimited
Irradiance	Unlimited	Unlimited	Unlimited
Asymmetric Sources	Unlimited	Unlimited	Unlimited
Source Files	Unlimited	Unlimited	Unlimited
Radiant Imaging	Unlimited	Unlimited	Unlimited
General file Input	Unlimited	Unlimited	Unlimited
Bit Map Source Module	Yes	Yes	Yes

	TracePro LC	TracePro Standard	TracePro Expert
Raytrace			
Ray Splitting	Yes	Yes	Yes
Simulation Mode	Yes	Yes	Yes
Multiple Exit Surfaces (Simulation Mode)	Yes	Yes	Yes
Refraction Capabilities	Yes	Yes	Yes
Multiple Wavelengths	Yes	Yes	Yes
Importance Sampling		Yes	Yes
Stratified Importance Sampling		Yes	Yes
Reverse Raytrace		Yes	Yes
Voxelization in Object Space – enhance speed vs. memory consumption		Yes	Yes
Gradient Index Substep Tolerance – enhance speed vs. accuracy		Yes	Yes
Analysis	TracePro LC	TracePro Standard	TracePro Expert
Irradiance Maps	Yes	Yes	Yes
Candela Plots (Intensity)	Yes	Yes	Yes
Flux Reports	Yes	Yes	Yes
3D Irradiance Maps	Yes	Yes	Yes
File Output	Yes	Yes	Yes
Ray Sorting	Yes	Yes	Yes
Irradiance/Illuminance Viewer	Yes	Yes	Yes
Display Selected Rays (Ensqared Flux)	Yes	Yes	Yes
CIE (xy), CIE (u'v'), RGB	Yes	Yes	Yes
Luminance / Radiance	Yes	Yes	Yes
Polarization Maps		Yes	Yes
Volume Flux		Yes	Yes