

# OpticStudio Edition COMPARE

	PREMIUM (PRE)	PROFESSIONAL (PRO)	STANDARD (SE)
<b>CAD integration</b>			
Export to STEP, IGES, SAT, STL	●	●	●
Import of STEP, IGES, SAT, STL	●	●	
Dynamic link to SolidWorks	●		
Dynamic link to Autodesk Inventor	●		
Dynamic link to CREO Parametric	●		
Part Designer - Static Parts	●	●	
Part Designer - Dynamic Parts	●		
<b>Data Libraries</b>			
Lens Catalog	●	●	●
Materials Catalog	●	●	●
Coatings Catalog	●	●	●
Test Plate Catalogs	●	●	●
Spectrum Data Files	●	●	
Scatter Data Catalog	●		
Radiant Source Models	●		
IES Library	●		
<b>Optical System Design</b>			
Sequential Ray Tracing	●	●	●
Optimization	●	●	●
Tolerancing	●	●	●
Thermal Analysis	●	●	●
Black Box Optics	●	●	●
Image Quality	●	●	●
Image Simulation	●	●	●
Aspheric Design	●	●	●
Freeform Optics	●	●	●
Diffraction Optics	●	●	●
Ghost Focus	●	●	●
Multiple Configuration Systems/Zoom	●	●	●
Birefringence	●	●	
Stock Lens Matching Tool	●	●	
<b>Lighting and Illumination Design</b>			
Non-Sequential Ray Tracing	●	●	
Light Sources	●	●	
Objects	●	●	
Detectors	●	●	
Optimization	●	●	
Freeform Optics	●	●	
Tolerancing	●	●	
Colorimetry	●	●	
Ray Splitting	●	●	
Ray Scattering	●	●	
Measured Source Models	●		
Measured Surface Scattering	●		
Roadway Lighting	●		
LightningTraceTM	●		
Illumination Maps	●		
Phosphor & Fluorescence Modeling	●		
<b>Lasers and Fibers</b>			
Gaussian Beams	●	●	●
Scanning Systems	●	●	●
Single Mode Fiber Coupling	●	●	●
Multi-Mode Fiber Coupling	●	●	●
Optimization	●	●	●
Tolerancing	●	●	●
Physical Optics	●	●	
M <sup>2</sup> and Beam Quality	●	●	
<b>User Interface</b>			
Graphical User Interface	●	●	●
Zemax Programming Language	●	●	●
3D Space Mouse Enabled	●	●	●
User-Configurable Shortcut Keys	●	●	●
Feature Finder Tool	●	●	●
MATLAB Interoperability	●	●	
Custom Extensions	●	●	
User Defined Surfaces - Objects, Scatter, Sources	●	●	
ZOS-API.NET API	●	●	