Lumion 2024 Comparison

Overview	Standard	Pro
Total asset library (incl. materials)	3,957 assets	9,496 assets
Fine-detail Nature	NO	YES
Surface decals	NO	YES
Customizable 3D Grasses	NO	YES
Foliage for materials	NO	YES
Soften hard edges	NO	YES
Fur materials	NO	YES
Metallic car shader	NO	YES
Animated phasing	NO	YES
Volumetric fire	NO	YES
Volumetric lights effect	NO	YES
Speedray™ Reflections	NO	YES
Precipitation	NO	YES
Rain streaks	NO	YES
Merge project files (for projects with multiple users)	NO	YES
OpenStreetMaps (satellite and height maps)	NO	YES
Ambient sound effects	NO	123 sound effects
Title	Limited title effects	27 title effects 12 built-in fonts Support for custom fonts
Main movie Sound effect	NO	YES

Workflow	Standard	Pro
Scene editor / Tools		
Organize your scene with multiple layers	YES	YES
Easy model placement	YES	YES
Intuitive material editing	YES	YES
Landscape editing and rendering	YES	YES
Advanced sky and cloud rendering	YES	YES
Realistic water rendering	YES	YES
Upgraded OpenStreetMap import (with height and satellite maps)	NO	YES
Landscape editor / Tools Responsive terrain elevation editor		
Responsive terrain elevation editor	YES	YES
Custom terrain material sets	YES	YES
Custom terrain texture import	YES	YES
Terrain texture paintbrush	YES	YES
Customizable landscape grasses with scatter objects (weeds, leaves, stones)	YES	YES
Custom water planes	YES	YES

Ocean tool with waves slider, turbidity, color		YES	YES
Waterfall materials		YES	YES
Movie editor			
Intuitive camera animation editor		YES	YES
Sun/sky animations		YES	YES
Add title screens, scene and post-processing effects		YES	YES
Animation		YES	YES
Animation import (move/rotate/scale animations)		YES	YES
Keyframe-based animation		YES	YES
Animated effects		YES	YES
Merge project files for team collaboration		NO	YES

Import & LiveSync	**Standard**	**Pro**
3D model import:		
Collada (.dae)*, SketchUp® (.skp), Autodesk® (.fbx)*, Autodesk® (.dwg), Autodesk® (.dxf), 3DS Max® (.max), 3DS Max® (.3ds), Wavefront (.obj)	YES	YES
LiveSync® compatibility for:		
• AutoCAD® • SketchUp® • Revit® • Allplan® • ArchiCAD® • Rhino 6® and newer • Vectorworks® • BricsCAD® • Autodesk FormIt®	YES	YES
Image import:		
tga, .dds, .psd, .jpg, .bmp, .png	YES	YES
Material map import:		
PBR compliant maps	YES	YES
Video import (.mp4)	YES	YES
Lightmap import:		
e.g. from AutoDesk® 3D Studio Max	YES	YES
Custom IES spotlights	YES	YES
2D background sound/music (.wav)	NO	YES
Model and material variation options	YES	YES

Output	Standard	Pro
Output image resolution	1280×720 (0.9 Megapixel), 1920×1080 (2.1 Megapixel), 3840×2160 (8.4 Megapixel), 7680×4320 (33.2 Megapixel)	1280×720 (0.9 Megapixel), 1920×1080 (2.1 Megapixel), 3840×2160 (8.4 Megapixel), 7680×4320 (33.2 Megapixel)
Output formats:		
MP4 (AVC codec), JPG, TGA, BMP PNG	YES	YES
Output video resolution	640×360 (480p), 1280×720 (720p), 1920×1080 (1080p), 2560×1440 (1440p), 3840×2160 (4K), Output to image sequence: Max 3840 x 2160px	640×360 (480p), 1280×720 (720p), 1920×1080 (1080p), 2560×1440 (1440p), 3840×2160 (4K), Output to image sequence: Max 3840 x 2160px
Output video frame rates:		
25/30/60/200	YES	YES
Output to MyLumion® 360 Panoramas	YES	YES
Output 360 panoramas for the Samsung Gear VR and Oculus Rift	YES	YES
Additional output maps (depth, normal, specular reflection, lighting, sky alpha, material ID)	YES	YES
Output of sound in MP4	YES	YES

Assets	Standard	Pro
3D model library assets		
Total number of objects	2,445	7,951
• Animated nature • Animated 3D people • Animated animals (birds, farm animals, pets, fish) • Animated children	YES	YES
Fine-detail Nature		
Plants, trees	6	430
Nature		
Broadleaf trees, cacti, clusters, conifers, flowers, forest wood, grass, leaves, leafless trees, palms, plants, rocks, weeds, and stylized trees	593	1,847
Objects		
Seating, tables, electronics and appliances, kitchen items, bathroom items, lighting, decoration, storage, plumbing, food and drink, garden and outdoor items, assorted objects	1,297	3,907
People and Animals		
Animals, 2D/3D people, animated people, silhouettes, and stylized characters	305	949
Transportation		
Various transportation items including cars, SUVs, trucks, vans, buses, trains, construction and emergency vehicles, boats, air vehicles, and stylized cars	89	244
Material Library assets		
Total number of materials	1,512	1,545
Various terrain materials	YES	YES
Customizable 3D grass material	NO	14
Fur	NO	10
Leaf materials	NO	9
7 Material types (Water, Glass, Billboard, Lightmap, etc.)	YES	YES
Custom materials library	YES	YES
Environment & weather		
Real skies, 60 landscape types, 6 water types, customizable weather (cloud cover, sun position), ocean with waves slider, turbidity, color, waterfall materials	YES	YES
Water presets	20	20
Effects		
Parallax interiors	NO	25
Surface decals	NO	272
3D ambient sounds	NO	123 sound effects

Title effect styles	14 basic styles	27 styles
Text-in-3D-scene	NO	YES
Customizable license plates	10 countries & all U.S. states	10 countries & all U.S. states
Volumetric fire	NO	8
Lights		
Lights	44	44
Spotlights/omni lights	YES	YES
Area/line lights	YES	YES
Utilities		
Character billboard, clipping plane, grid, measure, reflection control, text	YES	YES

Effects	Standard	Pro
Movie & photo effects		
Concept: Outlines, Sketch, Pastel Sketch	YES	YES
Architectural: Photo Matching, Sun Study, 2-Point Perspective, Blueprint, Styrofoam, Orthographic views	YES	YES
Lighting: Real skies, Custom HDRI skies, Sun, Shadow, Reflection, Sky light, Hyperlight, God rays, Volumetric sunlight, Ray tracing	YES	YES
Lighting: Volumetric lights, Speedray Reflections	NO	YES
Sky & Weather: Sky and Clouds, Fog, Contrails, Volume Clouds, Wind, Horizon Cloud, Moon, Autumn Colors	YES	YES
Sky & Weather: Aurora borealis, Precipitation	NO	YES
Camera: Handheld Camera, Exposure, Depth of Field, Lens Flare, Chromatic Aberrations, Fish Eye, Tilt Shift	YES	YES
Pre-set camera paths: Dolly shot, Orbit path, Follow object	YES	YES
Animation: Mass Move, Fade in/out, Advanced Move, Move, Time Warp, Motion Blur, Animate Light Colors	YES	YES
Animation: Animated phasing	NO	YES
Artistic: Painting, Watercolor, Manga, Cartoon, Oil Painting	YES	YES
Enhancements: LUT color grading, Color correction, Analog color, Lab, Vignette, Bloom, Sharpen, Noise, Selective, Saturation, Bleach	YES	YES
Tools/Utilities: Image Overlay, Side By Side 3D Stereo, Print Poster Enhancer, Layer Visibility, Variation Control, Near Clip Plane, Water, Material Highlight	YES	YES
Tools/Utilities: Sound	NO	YES
Special effects		
Fire, Fog, Fountains, Leaves, Smoke	104	254
Decals		
Total number of decals	0	142

Miscellaneous	Standard	Pro
Languages	English (default language), Chinese, Chinese (TW), Czech, Danish, Dutch, French, German, Greek, Hebrew, Italian, Japanese, Korean, Norwegian, Polish, Portuguese (BR), Russian, Spanish (ES), Turkish, Slovak	English (default language), Chinese, Chinese (TW), Czech, Danish, Dutch, French, German, Greek, Hebrew, Italian, Japanese, Korean, Norwegian, Polish, Portuguese (BR), Russian, Spanish (ES), Turkish, Slovak
Internet connection required	YES	YES