Lumion 8 Messaging and Marketing Communications

PACISOFT Vietnam

LUMION

Lumion 8: Beautiful Renders within Reach

Lumion visualization software — used by 61 of the top 100 architect companies in the world — invites people to step inside your model and feel the spaces you designed.

Lumion empowers architects to create unbelievable renders in seconds. Just press the Styles Button and instantly create a beautiful render from your design. Open the Sky Light daylight simulator, cast finely detailed shadows and watch as your design becomes remarkably photo-realistic. You'll be making renders faster than ever, capturing your designs in the best possible light.

Now with Lumion 8, you can transform your CAD models into professional images, videos and 360 panoramas without any prior training.

Lumion 8 Elevator Pitch

Lumion 8 | Beautiful Renders within Reach.
With Lumion 8, you can make renders faster than ever, capturing your designs in the best possible light.

For high-resolution images and complete descriptions of new features and functionalities, head on over to the What's New page.

What's New in Lumion 8

Styles is the power of Lumion 8 brought together. Just press it, select a style. In an instant you get a stunning image with a backbone of balanced light, depth and realism. Render right away or personalize for a style that's all your own in minutes.

Still, what's a smooth workflow if the image quality doesn't knock your client's socks off? In Lumion 8, you can visualize your creativity like never before with the new Sky Light daylight simulator and the soft and fine shadow enhancements. Turn them on and watch as the foliage and grass become dramatically photorealistic. See the shadows beneath tables and shelves become subtle and soft. Notice as people, plants and buildings suddenly look like they belong where they are.

Lumion 8 also helps you clearly communicate the form of your design with the new "hand-drawn" outline feature. Achieve a true-to-life appearance by softening the hard edges of structures and furnishings, simulate a maquette with tilt shift, and render videos in eye-opening 4K resolution. Hundreds of new HD materials and objects are purely extravagant in detail, surface shading and texture.

Lumion 8 comes with a neat way to compare materials or model design options. Set one option next to the other and decide which one you prefer. Group objects together for easy scene-building, and benefit from many other enhancements like a curved mass placement function, a new measurement tool and better layer effects.

Read more about these and many more new features in the descriptions below.

Feature Highlights

1. Styles - Just push the button!
2. Sky Light daylight simulator
3. Soft and fine shadows
4. Hand-drawn outline effect (Pro only)
5. Soften hard edges for improved realism (Pro only)
6. Hyperlight for videos
7. Beautiful new water and water presets
8. Color correction improvements for temperature, vibrancy and more
9. Tilt shift (Pro only)
10. Render video in 4K resolution
11. OmniLight fall-off slider
12. New fog
13. 150+ new materials (Some Pro only)
14. New HD pets, cyclists and more (Some Pro only)
15. Create your own folder structure for imported objects
16. Model and material variation options (Pro only)
17. Object grouping
18. Improved layer effect
19. Mass placement for curved shapes (landscapers rejoice!)
20. Time warp for stills and animations
21. Measuring tools (including Grid object) in build (Pro only)
22. "Look at fixed point" feature for the handheld camera effect
23. 2-Point Perspective slider
24. Save screen and dialogue improvements

New Features in Lumion 8
Capture your architectural vision in the best possible light

Styles
No more hunting around for the right effects. Gone are the days of meticulously balancing sliders. Once you dress up your 3D model with Lumion materials and objects, just click the Styles Button and select an interior or exterior style. In an instant your design becomes a beautiful render with a carefully balanced effects combination.

Render right away, or personalize the style in minutes. Create a look that's all your own with a workflow that's faster than ever.

Click to view the Styles effect

Sky Light
Ready to render? If you haven't added the Sky Light effect, then...well...no. Maybe not. Because it's the one technology developed especially for Lumion 8 to heighten your image's sense of environment, realism and depth.

Sky Light is an advanced, daylight simulator for softening and dispersing the scene's environmental lighting. Used in combination with Soft Shadows and Fine Detail Shadows, it strengthens the real-life interplay of these elements. Watch as the foliage and trees become photorealistic, and discover as people, buildings and landscapes suddenly look like they belong where they are.

Click to view the Sky Light effect

Soft and fine shadows
Designing realistic shadows, whether from scratch or in a rendering program, may be one of the most difficult things you can do. Until now.

In Lumion 8, you can inject realism into your render by turning on the Soft Shadows and the Fine Detail Shadows as part of the Shadow effect. Instantly, the shadows become softer, the penumbras grow. Hundreds of fine detail shadows are enriched and a realistic sense of depth permeates the image.

You'll feel yourself smile as you view your unbuilt design looking uncannily like the real thing.

Click to view the soft and fine shadows effect

Hand-drawn outlines (Pro Only)

Lumion 8 makes it easy to clearly communicate the form of your design with the "hand-drawn" outline effect. Apply it together with photorealistic, sketch or artistic effects to draw a focus to your building's general shape and form. It's the bones of your design, rendered beautifully and easily.

Click to view the hand-drawn outlines effect

Soften hard edges (Pro Only)
In real life, the edges of any surfaces generally appear slightly rounded or worn. They are never perfectly sharp. With the new edges slider in Lumion 8, your model will take on a more natural and weathered look, one better representing the real qualities of physical homes and buildings. Impart age and realism by smoothening the edges of adjacent faces. Soften the corners of brick, concrete, wood and other materials. A simple slider movement, a more realistic building. Easy. Effective.

Click to view the soften hard edges effect

Hyperlight for videos
Hyperlight is a power-booster for improved lighting quality and accuracy. With Lumion 8, you can now apply the Hyperlight effect when rendering videos. Whether for interior or exterior animations, the updated Hyperlight effect dresses your animation in a strikingly realistic mesh of environmental and artificial light. Watch as the materials and textures "pop." See buildings, people and foliage cohere with their surroundings. And improve realism in a flash with Hyperlight for videos.

Click to view the Hyperlight for videos image

Beautiful new water
From the waterfront to the city fountain to the mansion with a swimming pool, Lumion is renowned for its realistic water. Lumion 8 raises the bar with even more water options to suit your specific context. The water itself looks more realistic than ever and there are twenty new water presets, with calmer surfaces, enhanced surface realism, transparency and rippling. Achieving beautiful water is just a click away.

Click to see an image showing off the beautiful new water

Better color correction
Are the colors too cold? Too dull? Overexposed? In Lumion 8, you can easily dress your model in its best light with the new color correction improvements. Tune up color temperature for a "warm" mood. Adjust the vibrancy for increased color intensity without saturation. You can even temper the sharp contrasts by making the shadows a little lighter.

Tilt shift (Pro Only)
There's something about a maquette that computer-generated renders can't replace. By applying the new tilt shift effect in Lumion 8, your design becomes part of a miniature world. With a viewpoint above your model in Lumion, the tilt shift effect changes the plane of focus and blurs the foreground and background. It's a camera effect which transforms your CAD model into a scaled-down version of the real thing.

Click to view the tilt shift effect

4K movie rendering**
Transform the "good" into "whoa" by rendering your architectural movies in stunning 4K resolution. Made for showing off your work on a 4K screen, Lumion 8's new ultra-high resolution movie rendering capability showcases the light, shadows and details of your model at the highest level of image clarity available today. Give your projects a visual edge that just can't be replaced.

OmniLight fall-off slider
Omnilights project a 360-degree beam but sometimes the light reaches a touch too far and can wash out important details in your scene. No problem. In Lumion 8, the new omnilight fall-off slider helps you illuminate the finer details of your project and cast them with the right amount of light. Tune up the fall-off to soften glow and reduce the light's reach on nearby objects and structures. Set the slider to zero and the omnilight returns to its default intensity with a sharper, broader light.

New fog
Capture the atmospheric beauty of mist and fog in your renders with the improved fog effect in Lumion 8. The new fog allows the subject of your render to stand out while immersing the scene in an attractive, moody ambience.

New Objects, Materials and More!

168 realistic new materials
With 168 realistic new materials available in Lumion 8, including 100 HD materials from the well-renowned Poliigon, you can instantly place your design in a setting you can "feel," "hear" and vicariously experience. Add city sidewalks and cobblestone streets that are incredible in their realism and texture. Create stunning brutalist structures with new concrete materials, and pull your viewers into your interiors with amazingly realistic fabrics. You can even make glass that's still dripping wet from a fresh rain or a long shower.

These materials with finely detailed texture maps are the secret ingredient for viewers to "touch" the walls, "smell" the leather of the living room couch and "hear" the sound of feet moving across the floor.

Available in the material library
168 new materials are available in Lumion 8 Pro. These include:

- 20 new water presets, each with a specific color and style
- 17 new soil types, including gravel and pebbles
- 51 new metal materials
- 15 new concrete and 23 new stone materials
- 12 city street sidewalks
- 10 new wallpapers
- 1 wet glass (Pro Only)

All of the materials in Lumion are of the highest quality, and they can be altered via weathering, soft edges (Pro only) and more. With the new additions, the total number of materials in Lumion 8 is 1,019.

New objects in the Content Library* (Some Pro Only)
Breathe life into your designs with 734 new HD objects available in Lumion 8. Catering to interiors, exteriors, landscapes and urban centers, these new objects are purely extravagant in detail, surface shading and texture.

Highly detailed birch and maple trees, for instance, allow for realistic geolocation-based rendering, whether your project is in America, China, Europe or elsewhere. For residential scenes and cities, you can show the hustle and bustle with luxurious sports cars, an animated dog walker and animated bicyclists. When furnishing an interior, there are hundreds of new decoration and food items to instantly give your renders that "lived-in" feel.

Here's the complete list of what's new in the Lumion 8 Pro content library:

Available in the content library*
734 new objects are available in Lumion 8 Pro. These include:

- 74 new tree species from around the globe, including variations in shape and size.
- 595 indoor objects ranging from high-quality decorations, beds, desks, office and home furnishings, food and drinks and many more.
- 26 outdoor objects, including satellite dishes, glass awnings, information signs and more.
- 25 new character poses and animations, including men, women, children, and pets (including a dog).
- 14 new vehicle models, including HD cars, sports cars and bicycles.

All of the new objects are HD quality, and the new additions bring the total number of objects in the Lumion 8 content library to 4,395.

Click to view new people, trees and more.

Create your own object library
The Lumion library is renowned for its quality and size. When importing objects, the library gets even bigger and it can sometimes take a little time to retrieve the exact object you need. With Lumion 8, you can ease your workflow by creating your own library and categorizing imported objects in an easy-to-find format. All you need is a few seconds to locate the 3D suede sofa you imported months ago or that one-of-a-kind decorative bowl that's essential to finish your render.

Workflow power for faster, better results

Model and material variation (Pro Only)

Is the wood-focused flooring a good fit with the stone walls? Which will your client like more, Design A or Design B? Perhaps the home's siding and patio are proving tricky to match. Whatever the case, the new variation control effect is an easy way to compare multiple options for materials and models. Your clients will find it convenient when balancing a range of concept options and choosing a look they can be satisfied with. As the architect, this Lumion 8 feature speeds up your workflow when researching and communicating the best design solution.

New grouping function
Trees, plants, cars, people. Furniture, lights, decorations and more. Now, with the new grouping feature, it's possible to bunch multiple objects together and control them all at once. Whether a table and its furnishings, a plant and its pot or a lampshade and its light element, discover ease and ultimate control as you rotate, scale and move several objects together without losing the arrangements you carefully prepared.

Click here to view the grouping effect

New layer functions
In Lumion 8, the layer effects feature has been improved and is now easier than ever to apply. It enables a straightforward workflow when showing selected layers in images or animations. You can also use it to demonstrate phasing by assigning subsections of your design to different layers. No matter the project, the new layer effect function is easier and faster to apply.

Mass placement for curved shapes
Landscapers rejoice! For Lumion 8, you can use the mass placement feature to instantly place numerous objects in complex shapes, including curves. With just a few clicks, plant multiple trees that follow the winding curved contours of your garden design. Quickly fill your roundabout with a buzzing fleet of cars. Hold CTRL, set the corner smoothness and you can mass place objects in any winding shape you like.

Click here to view the mass placement for curved shapes effect

Time Warp
A seagull has flown past at exactly the wrong moment, an animated person's arm has mysteriously swung into the building's facade. Through the new Time Warp effect in Lumion 8, you can implement a time offset to shift the small movements of animated people, animals and objects. Toggle time backwards. Or forwards. Your animated objects will now adjust their positions so they pose exactly in the right way, at the right time.

Click here to view the time warp effect

New measuring tools (Pro Only)

Whether confirming the distance between two pieces of furniture or checking the perimeter of a garden, the new measuring tools in Lumion 8 help you make quick measurement checks without needing to go back to your modeling software. As a workflow improvement, the on-screen measuring tools help you verify distances, ensuring the precision and scale of your model.

"Look at fixed point" feature for the handheld camera effect
Create an impressive first-person video and never lose sight of the most important parts of your design. As an addition to the handheld camera effect, the new "Look at fixed point" option in Lumion 8 lets you lock the camera onto a single target point.

2-Point Perspective slider
New in Lumion 8, the two-point perspective slider allows you to move along a spectrum adjusting the degree of 2-point perspective that's applied. . You'll have greater control straightening structures that look like they're leaning over, while correcting lines that seem skewed and disorientating. From many viewpoints, this effect imparts a cleaner and more geometrically accurate look, giving it a solid, realistic appearance.

Save screen and dialogue improvements
In Lumion 8, new and improved save screen and dialogue boxes make it easier to organize your scene file into the correct folder. Retrieve or update your project with the confidence that your files are stored where you want them, whether locally on your computer or on a network.

Availability

Lumion 8 is available from November 6, 2017. For upgrades, or to get more information, visit Lumion.com.

*Lumion contains about one third of the total library content, while Lumion Pro contains the full library.
**4K movie rendering requires a graphics card with 6GB of memory

Imaging Appendix

In this appendix, you can find images rendered in Lumion 8. You can re-use the following images for marketing and commercial purposes, and you'll find more imaging in your marketing kit.

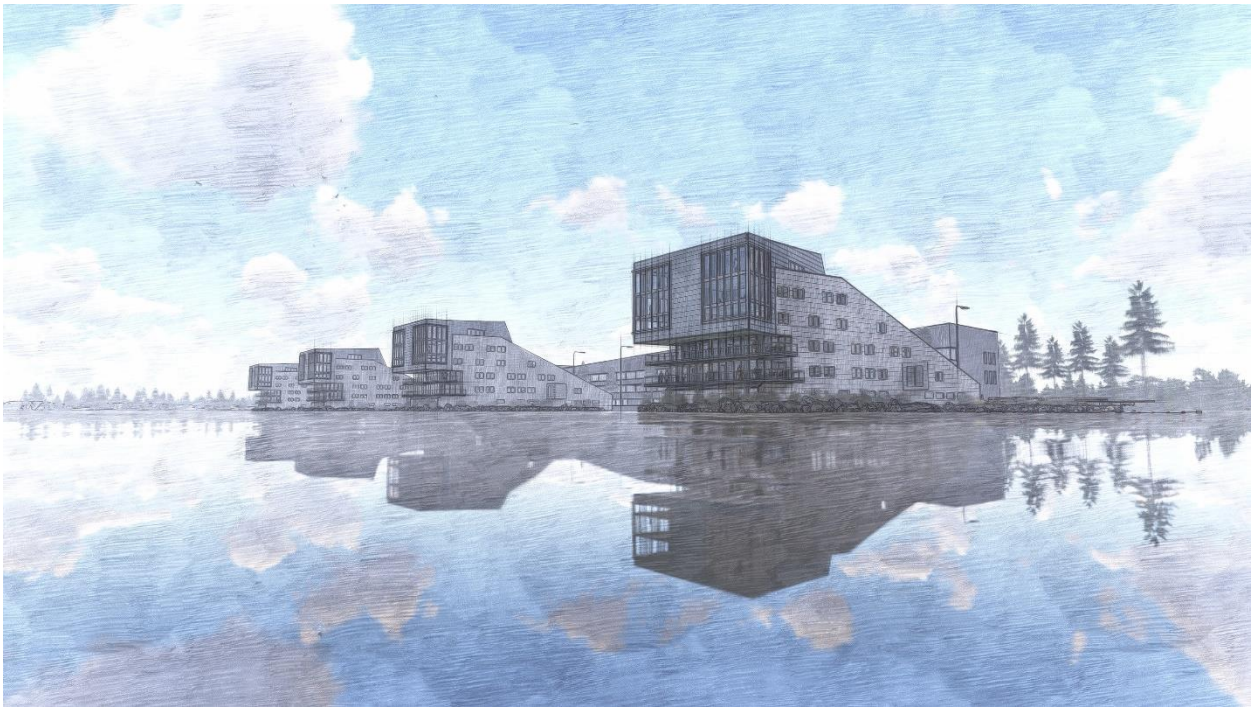
Styles Button - Just push the button for eight preset styles

Realistic style

Dawn style

Overcast style

Color Sketch style



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Sky Light daylight simulator

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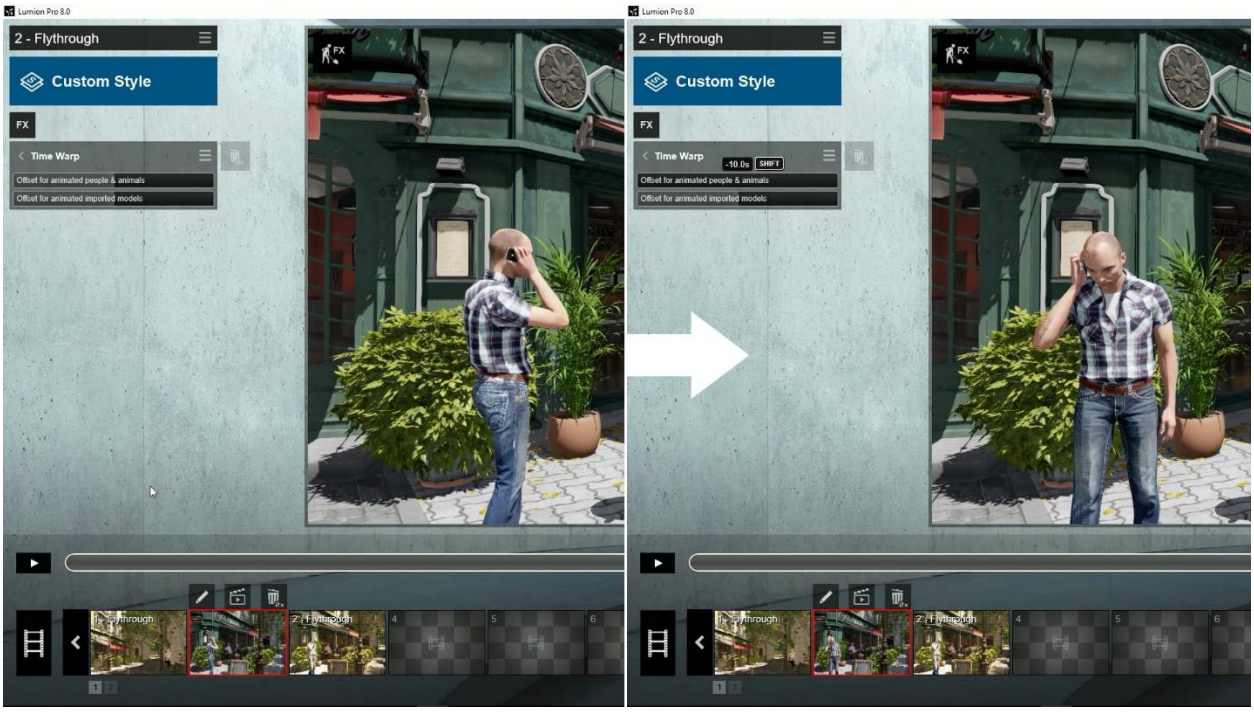

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