

Planning Planting

Realistic 3D vegetation library for urban design

Use your 2D data to create attractive 3D visualizations in Esri 3D products like Esri CityEngine and ArcGIS for Desktop with this free library.

The Esri 3D Vegetation Library is an out-of-the-box toolset you can use to generate high-performance, realistic plant models for design projects ranging from small gardens to forests. The library contains 3D plant models from e-on software that are compatible with e-on's LumenRT Immersive Visualization solution. Esri CityEngine scenes and plants can be imported directly into LumenRT.

The Esri 3D Vegetation Library contains 80 realistic 3D models of flowers, shrubs, and trees. Each plant also comes with a solid representation for creating analytical or thematic 3D maps.

Procedural rules for creating lifelike 3D vegetation populations are included so not only can single plants be placed onto points,

but thousands of plants can be arranged on a landscape with a custom mix of species. Models can be generated based on genus, species, common name, height, or crown diameter.

Download the library, explore interactive WebGL scenes, or watch the LumenRT videos at the 3D Vegetation with LumenRT Models details page in ArcGIS Online.

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Garden Scene using Vegetation Library

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