

Riveting Revit Enhancements and Other Lighting Design Digital Tools

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Designing during a pandemic is challenging...

- Communication Challenges
- Understanding the project
- Technology Limitations
- Need for Site Visits
- Social Distancing

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Reality Capture Tools

- 360° Photo documentation of conditions
- Reduces number of site visits
- Only one person required, but info available to multiple people
- Construction progress documentation
 - Side-by-Side comparisons with design documentation
 - Supplementary info for field reports



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OpenSpace

(Demonstration)



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Revit Lighting Design Plug-Ins

A “plug-in” is a tool developed by a separate company that is used to enhance the base capabilities of an application



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Lighting Design Plug-Ins

- Used to validate lighting designs
 - Daylight sources
 - Photometric electric light sources
- Supplemental tools within the BIM application. No need to rebuild space/building from scratch.

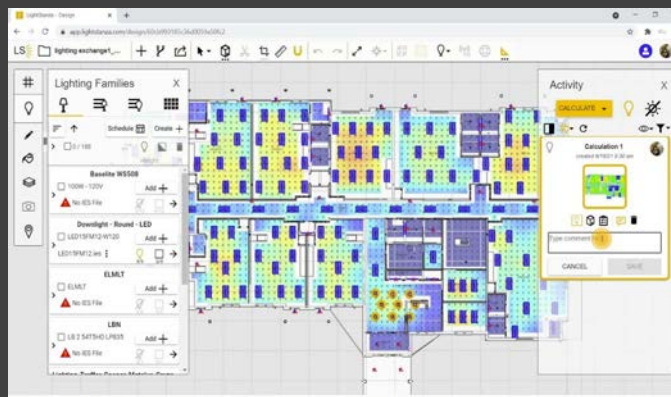


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Lightstanza

(Demonstration)

- Compatible with various design applications like:



- Revit
- Sketch-Up
- Rhino

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Real-time Rendering & Virtual Reality

- Immediate visualizations of BIM designs and updates
- Daylighting simulations and electric light fixtures
- Can be exported to stand-alone applications for view by clients and design team
- Requires a fast graphics processor

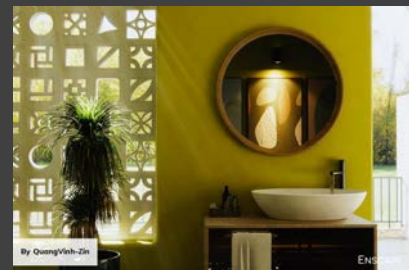


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Enscape

(Demonstration)

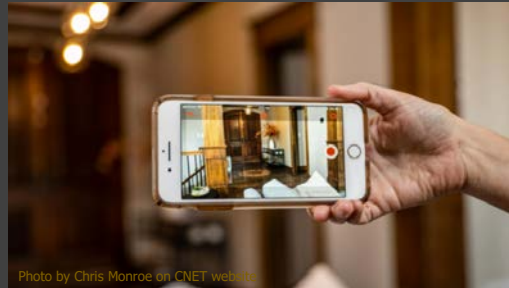
- Compatible with various design applications like:
 - Revit
 - Sketch-Up
 - Rhino
 - ArchiCAD
 - Vectorworks



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Other Tools...

- Real-Time Power Density Verification
- Cell Phone Camera



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Thank you! Questions?

Connect with us...



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