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Software Product Announcement

Lighting Analysts, Inc. releases AGi32 version 17

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Lighting Analysts, Inc., a global leader in calculation and visualization software for the lighting professional, is proud to announce the release of version 17 of our industry standard calculation software, AGi32.

AGi32 version 17 introduces new features to speed the process of creating formatted output, facilitate complex luminaire aiming, assist in monitoring the status of your photometric data, and to interface with other Lighting Analysts software to execute climate-based annual daylight simulations.

“We listened to user recommendations to improve some small hurdles in the formatting of multi-page output, and have introduced two new solutions to totally smash those obstacles,” says Dave Speer, Lighting Analysts Director of Sales and Marketing. First, we added new “Viewpoint” capability in AGi32’s Model mode to allow users to take any number of snapshots of their projects from any observer perspective. Users can then simply call those viewpoints when building their formatted output in Page Builder. Second, we introduced an entirely automatic version of the Page Builder environment that will assemble a complete output report automatically from the information included in your project. This adds power and flexibility to AGi32’s already numerous output alternatives.

AGi32 version 17 adds new interactive luminaire aiming capability where users can simultaneously adjust the various luminaire aiming angles (Tilt, Roll, Spin) from the keyboard while positioning luminaires. This feature makes complex luminaire positioning very easy, while speeding designers’ workflow. Also related to workflow efficiency, AGi32 version 17 has a new “Find Calculation Points by Value” command. This makes it easy to locate specific calculated values or ranges on large plans with thousands of discreet calculation points.

With many of the lighting industry’s most prominent manufacturers supplying photometry to Lighting Analysts’ cloud-based photometric Instabase, AGi32 now has the ability to compare the contents of photometric files used in existing projects with the most current versions published by the manufacturer. This can alert users to more recent photometric releases, which can have an impact on calculated values in their projects.

The most revolutionary of the AGi32 version 17 features, after seven years of research and development, is the ability to prepare an annual daylight simulation using AGi32. The AGi32 software serves as the modeling tool and the platform for the setup of the simulation. Upon selecting the “Run” command, AGi32 will spawn a new Lighting Analysts application which will process the simulation separately. Processing speed is extremely fast, with most simulations running in a matter of minutes, as compared to hours or days for the only competitive solution.

AGi32 annual simulations are based on patented and patent-pending algorithms, and can be performed on real building geometry with thousands of windows, skylights or openings. The process utilizes site-specific TMY3 weather data with 4,380 hourly solutions to compute illuminance on as many target grids and grid points as required. The result is accurate daylight illuminance for every daylight hour of every day, for an entire year. From this information, a variety of daylight metrics such as Daylight Autonomy (several flavors), Annual Sunlight Exposure and Useful Daylight Illuminance can be produced. Rendered images, animations and complete graphical and textual reporting are provided. Please see our separate release regarding “Climate-Based Daylight Modeling.”

Many additional enhancements are included in AGi32 version 17. A complete summary can be found on [our website](http://www.agi32.com) (www.agi32.com), where prospective users can also download a free, unrestricted 30-day Trial version.

About Lighting Analysts, Inc.

Founded in 1984, Lighting Analysts, Inc. (www.agi32.com, www.elumtools.com) is a world leader in lighting design software. Lighting Analysts, Inc. software systems are used by lighting industry professionals worldwide to aid in the conceptualization and design of lighting systems of almost any nature. Its **AGi32** lighting design and rendering software has won numerous industry accolades and awards.

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