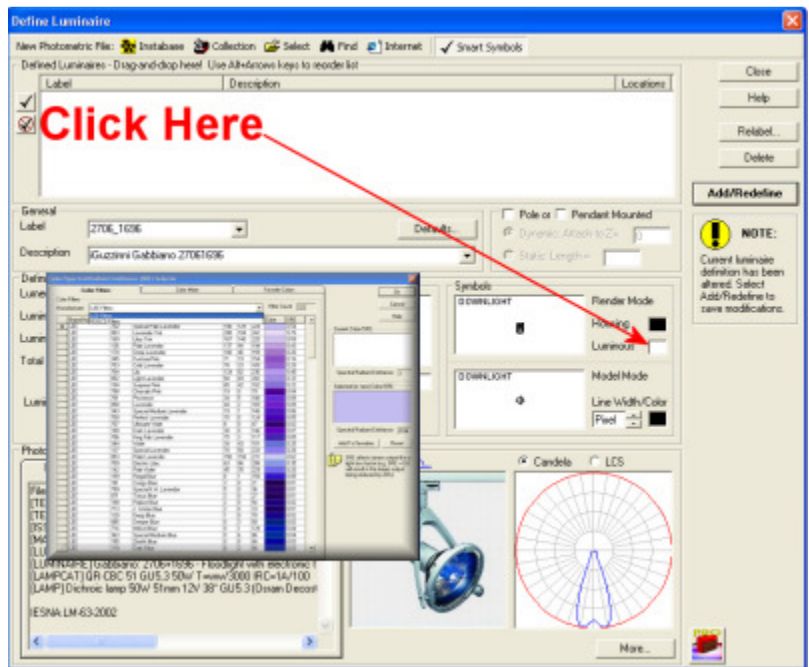


This month has been nothing short of momentous here at Lighting Analysts. First, we celebrated our 26th birthday (hooray! <applause>, respect your elders!) and second, we are frantically trying to get AGi32 2.1 ready for public release. Sort of like an expectant mother who is a week past due, it is agonizing... You know it will be wonderful, if it ever gets here!

Relax, patterned breathing...

AGi32 2.1 – The Last Preview!

Through license agreement with **LEE Filters** and **Rosco Laboratories**, AGi32 version 2.1 incorporates complete filter libraries for both companies. Filter selection is now a separate tab in the Color/SRE section of the Luminaire Define dialog. Simply click in the Luminous (color) cell adjacent to the Render Mode symbol. The Color/SRE dialog will open and both filter libraries are available from the Color Filters tab. All filter colors are accurately derated in Spectral Radiant Emittance (SRE) automatically.



The Luminaire Define dialog from AGi32 2.1 with a snippet from the LEE Filters dialog

What about Correlated Color Temperature?

The rendered simulation of source color is a very complex topic that we have thus far, avoided implementing in AGi32 (in spite of having written the underlying code). Why? What the human eye sees and the computer visualization predict may be very different. That discussion aside, it is possible to convert from source CCT (correlated color temperature) to RGB, or even complete SPD (spectral power distribution) to RGB. The underlying

CCT	R	G	B
2100	255	72	4
2500	255	95	17
2700	255	106	25
2900	255	116	35
3100	255	127	44
3300	255	136	55
3500	255	146	66
3700	255	155	79
3900	255	162	90
4000	255	172	91
4300	255	185	110
4500	255	193	123
4700	255	201	136
4900	255	208	150
5100	255	215	163
5300	255	222	177
5500	255	228	190
5700	255	234	203
5900	255	240	216
6100	255	245	229
6300	255	250	242
6500	255	255	255
6700	243	248	255
6900	233	241	255

This is an abbreviated version of the table in the AGi32 2.1 Help

techniques are a simplification of data from one system to another and it is not a lossless process. Looking forward, you will see a robust implementation of source color in a future release - with the myriad of caveats explained, of course. For AGi32 version 2.1 you will find a table in the Help system (access from the SRE dialog) converting CCT to RGB. This will help you produce convincing visualizations comparing the effect of one source to another (HPS to 4100K LED for example). For those in a hurry, enjoy the sidebar.

What is License Sharing?

With the release of AGi32 2.1 and Photometric Toolbox version 1.7, we are introducing a new web-based license and registration system. Aside from the beauty of automatic key generation (no waiting!), this technology allows us to enable a feature we call License Sharing. License Sharing can be "Simple," allowing your license key to be shared by two computers such as desktop and laptop, or "Advanced," allowing up to five licenses to be shared by up to ten different computers. Simple Sharing capability is included with all licenses.

Advanced Sharing is much like network licensing without the need to maintain a server and network. It works across the Internet with computers located literally anywhere with a persistent connection (laptops can be checked out as well). Our license server acts much the same as a local server in a LAN or WAN scenario. It provides license keys when individual machines start AGi32 or Photometric Toolbox, and frees them when the software is closed. This is the ideal product for companies wishing to

leverage the use of their licenses across multiple locations without the cost of maintaining a dedicated network. Advanced Sharing is available on an annual fee basis at \$500 per year (serves both AGi32 and Photometric Toolbox licenses). Weigh this against the cost of maintaining a network, or, buying licenses that may not be fully utilized across multiple locations. It is a definite cost saving scenario.

[More on Simple Sharing](#)

[More on Advanced Sharing](#)

Tidbits

- **Kudos to Italian manufacturer iGuzzini** for taking the time to prepare their European standard photometric files properly for the North American market. In the new iGuzzini Instabase offerings (there are 3!) you can apply exterior, roadway and aimable products with confidence, knowing they have been correctly converted to IES standards. *Background: European photometric testing places the 0 degree horizontal plane of photometry (known as C0) in alignment with an imaginary curb line for exterior products. This is 90 degrees out of phase with IES standards, where zero horizontal is perpendicular to the curb.*
- **Other Instabase action...** Welcome to new manufacturers: Sylvania Lighting Australasia, Illuminarc and JAFtech Manufacturing. February Instabase updates are available from Finelite, RAB Lighting, SPI, We-ef Asia-Pacific and the Hubbell and Cooper companies! Consider subscribing to your favorite manufacturers so you are always notified when updates are available. [They are only a click away!](#)
- **Do you want a little public exposure** for your firm? Send us a Gallery image exported from AGi32. Or, for an even larger impact, send us up to 500 words describing the project and several images and we will add it to our [Featured Project section](#), which is currently being remodeled.
- **Our delay is your opportunity** - With AGi32 version 2.1 literally weeks away, if you have not upgraded your old version on the special \$400 deal which expires on release, don't cry next month. Also set to expire on 2.1 release: the \$99 deal on Photometric Toolbox for all AGi32 users with current SupportPlus. [Get em' while they're hot!](#)

Visualization of the Month



St. John's Church
Imperial, Missouri USA
Adam Carrier, Tim Lamberth, Donna Lamberth

<Adam mentioned: "I attended the AGI32 training class in Chicago roughly a month ago and would like to say it was especially helpful">

Nice work!

This newsletter discusses topics relevant to the Architectural lighting industry and the use of software calculation tools. It is emailed to Lighting Analysts' current software customers and recent Trial version download prospects. If you are not interested in the content, please OPT OUT from the link at the bottom of this email.

10440 Bradford Road | Unit A | Littleton, Colorado 80127 | USA
www.agi32.com | Tel: 303.972.8852 | info@agi32.com

This email was sent to dave@agi32.com. To ensure that you continue receiving our emails, please add us to your address book or safe list.

[manage](#) your preferences | [opt out](#) using **TrueRemove**[®]
Got this as a forward? [Sign up](#) to receive our future emails.

powered by **emma**