

LED UPDATE

BRIDGELUX UPDATE: Bridgelux has just introduced their Gen5 CoB (chip-on-board) arrays, which have efficacies of 120-130 lumens per watt. These arrays are a continuation of their Vero series, which mount directly with no holder and have quick-connects for easy change-outs. We will be transitioning to the Gen5 arrays over the next few months, with our catalog sheets being updated accordingly. Typically you will see more light but using less or the same energy.

Bridgelux continues to offer a 10 year warranty. They are also offering a Décor Series of arrays. These arrays are considered "Class A," which is a new standard created by the Lighting Research Center. Class A is defined by its brightness, how natural it feels to the human eye and while rendering both colors and whites vividly. Our standard arrays continue to be 80+ CRI, but we can offer Class A, 90 and 97 CRI for our fixtures using Bridgelux.

LED A-LAMPS: Some fixtures — a luminous bowl, for example — really want an omni-directional source, something that CoBs and linear board LEDs can't do. The irony here is that many luminous bowl fixtures were originally designed for incandescent lamps — omni-directional sources — and then converted to CF lamping. Who could guess 10 years ago that we could see A-lamps with efficacies exceeding CF lamps? We offer and supply LED A-lamps for many of our legacy designs but with a GU24 base to meet energy codes. Over the next few months we will be introducing Maxlite's Gen2 A-lamps, with higher efficacies. They are Energy Star rated, 3000K, 80 CRI, dimmable to 10% and warranted for 25,000 hours. We can also offer them in 2700K and 4100K. At this time they are only for 120V applications, but the technology is there to make a 277V version. They are dimmable with most 2-wire incandescent dimmers.

Our catalog standard is a 12W, 1100 lumen lamp or 75W equivalent. We also can offer 10W, 800 lumen and 15W, 1600 lumen lamps.

Unlike fixtures using LED arrays and drivers, fixtures using LED A-lamps have a maintenance advantage, namely, that you can actually "change the light bulb." With many LED fixtures when there is a problem they must often call an electrician to determine if it's the array or the driver. Being able to get on a ladder and change the lamp has its advantages.

LED technology continues to evolve at a pace unlike anything the lighting industry has known. In an effort to help designers and specifiers stay abreast of the changes, we want to highlight how this evolution is affecting decorative architectural lighting.

- Bridgelux Update
- GU24 base A-Lamps



Model 306 shown.



Bridgelux Quick-Connect



Maxlite A-Lamp



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