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BRIDGELUX UPDATE: In the continuing evolution of LEDs, Bridgelux has introduced their Gen7 Chip-on-Board arrays, which have efficacies of 135-150 lm/W. For our fixtures utilizing Bridgelux arrays, the changes are summarized below. Generally, you will see more light using the same amount of energy.

GEN 6		GEN 7		% INC	lm/W
W	lm	W	lm		
9	1210	9	1330	10	146
11	1550	11	1690	9	152
14	1650	14	1855	12	135
16	2120	16	2415	14	152
31	4050	31	4658	15	153

Bridgelux continues to offer a 10 year warranty. Our standard arrays continue to be 3000K and 80+CRI, but we offer 90 and 97CRI. We also offer 2700, 3500 and 4000K at no additional cost.

LED A-LAMPS: Some fixtures—a luminous bowl, for example—really want an omnidirectional 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—omnidirectional sources—and then converted to CFLamping. Who could guess 10 years ago that we could see A-lamps with efficacies exceeding CFL 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 Gen3 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 an A19 11W, 1100 lumen lamp or 75W Incandescent equivalent. We also can offer 9W, 800 lumen and 15W, 1600 lumen lamps. The 15W is an A21.

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.

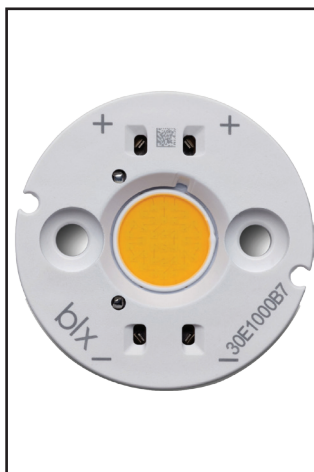
LED UPDATE

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 307 shown.



Bridgelux Poke-In Connectivity



Maxlite A-Lamp



E-mail a question or comment