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LuxteL® llc

CeraLux Xenon Arc Lamps



CeraLux® is a registered Trademark for the range of ceramic short arc xenon lamps produced by LuxteL. These lamps provide the end market with a value alternative supply of custom ceramic lamps and those engineered to be an exact replacement for lamps designed to operate in existing systems employing this type of lamp.

CeraLux xenon lamps emit intense, highly collimated or pre-focused beams of spectral white light. Xenon gas' spectral output provides excellent color through the visible wavelengths due to the flat output response. The color temperature of Xenon at 6500°K, while a mercury lamp for example is at 8000°K, is an additional attribute enabling viewing using xenon in the visible range with maximum efficiency. Other lighting techniques give spike wavelengths that require filtering or compensating optics at increased costs, loss in intensity, or both. These properties are more thoroughly discussed in the technical briefs and data sheets that follow.

CeraLux lamps also contain the reflective optics, eliminating alignment issues associated with other lamp types. Designed to be more rugged than conventional quartz lamps, they are easily incorporated into a variety of light engines. These lamps contain no 'additive' chemicals such as mercury, rare earth elements or organic based compounds featured in other lamp types. This renders them much more environmentally friendly, in and after use.

To facilitate the design engineer, or the replacement technician, LuxteL produces a range of filters, cooling rings, cooling heat sinks and electrical connecting devises commonly used through-out the industry. These accessories can also be customized for any application with differing volumetric constraints. For the rigorous lighting requirements of the medical, industrial and commercial markets, the CeraLux lamp is a simple, cost effective solution.

For standard lamp data sheets in .pdf format, go to the LuxteL Lamps Data Table and click on the appropriate model number. If you do not have Adobe Acrobat Reader, you can download for free by clicking here or on the icon below.

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