



Show Me The Light

Situation

Already a customer of AWS, a manufacturer of organic light emitting diodes (OLED) was growing and wanted to provide high purity water to multiple lab benches in their new R&D building. The buildings layout and existing structure did not allow for a central high purity water system like their existing system. After meeting with facilities, researchers, and quality people, AWS recommended individual Ultra High Purity Lab Water Systems at each of their lab benches to meet the requirements.

Action

Five lab benches were outfitted with our Phoenix Ultra High-Purity Lab Water System to deliver Type I, 18.2 Megohm water quality on demand. Water is purified using a staged process which includes high-sub-micron filtration as this was critical in the customer's process. Multiple sensors continuously monitor the system and final water quality to ensure a trouble free operation. Wall mounting was chosen to free up additional bench space.

Resolve

The systems were installed by AWS and ready for the grand opening of the new building. The systems were able to provide each laboratory with ultra-high purity water on demand. The added benefit of localized water quality monitoring greatly enhanced the R&D testing and results. As demand increased, to additional systems were provided for new labs. Remote recirculating dispensers with sub-micron filtration were fitted to each system for added convenience and ease of use.

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