

Lindsley Lighting takes a fresh approach to designing and manufacturing LED light fixtures. Lindsley Lighting fixtures can be specified for indoor and outdoor usage – delivering a seamless look and feel for interior and exterior lighting. The sleek modernist designs leverage the low profile of LEDs and deliver warm, natural light color with high color rendering. The high performing LED lighting fixtures also deliver extraordinary energy efficiency and a long lifetime.



www.lindsleylighting.com

Lindsley Lighting, Inc.

Industry: LED Light Fixtures

Challenge

Most lighting companies focus on either indoor fixtures or outdoor fixtures due to their inherent design differences. Lindsley Lighting sought to break that paradigm and deliver customers a seamless lighting experience – bridging the look and performance of lighting from indoors to outdoors. Traditional design leverages gasketed enclosures to prevent water from damaging electrical components. However, since gaskets can fail over time or are broken and repaired ...water and moisture are often trapped inside. Lindsley Lighting eliminated this design flaw and pioneered a process that allows water to flow-in but very importantly, flow-out and not be trapped. A key element to the design success was finding a conformal coating product to protect the circuit boards and shield LEDs and the electrical components from water and moisture.

Solution

Lindsley Lighting only uses energy-efficient LEDs in all fixtures and uses Cree LEDs for all LED circuit boards. Shat-R-Shield is a certified Cree Solutions Provider for conformal coating and was a first choice for Lindsley Lighting. Shat-R-Shield's silicone conformal coating products are formulated to provide maximum protection with minimal affect to LEDs and circuit boards. The high-performance conformal coating delivers protection against moisture, dust, chemicals and other outdoor corrosions.

Results

Lindsley Lighting has put their outdoor lighting fixtures in snow, rain and harsh outdoor conditions and has had zero problems and no product failure. Shat-R-Shield's conformal coating helped Lindsley Lighting deliver a consistent indoor/outdoor form-factor that has accelerated adoption and ensured a waterproof lighting product.

Customer Feedback

"We use Cree LEDs in most of our fixtures, and Shat-R-Shield is the only conformal coating they will warrant their product against," said Karen Jess-Lindsley, CEO at Lindsley Lighting. "We have seen what can go wrong when water damages outdoor lighting fixtures. Leveraging Shat-R-Shield conformal coating on circuit boards, we have never had a product fail due to water or outdoor corrosion."