

FAQ'S

- **Is the light output of the Foreverlamp LED replacement lamps equivalent to the Metal Halide or High Pressure Sodium lamps it replaces?**
Yes. The Foreverlamp LED replacement lamp series will replace 1000W, 400W, 320W, 250W and 175W metal halide (MH) or High pressure sodium (HPS) lamps and deliver the same light levels that the MH or HPS fixtures were originally designed to deliver.
- **Will the lamps suffer from lumen depreciation like in the case of metal halide lamps?**
No. An added benefit of the Foreverlamp LED replacement lamp series is that it maintains a much more consistent light output level over its lifetime (50,000) + hours than that of a MH lamp, which suffers from rapid lumen loss.
- **Does the Foreverlamp LED replacement lamp require the starter used by the MH lamp?**
Pulse-start ballasts have a starter that fires when the ballast sees an open circuit. This starter then shuts off as soon as the lamp starts conducting voltage. The Foreverlamp series conducts voltage immediately upon power being applied so the starter is not used by the Foreverlamp LED replacement lamp series.
- **Are the Foreverlamp LED replacement lamp suitable for installation with electronic as well as magnetic ballasts?**
No. The Foreverlamp series is only suitable for use with pulse- or probe-start magnetic ballasts, using E39/EX39 mogul base, or in the Foreverlamp fixture with electronic driver.
- **Can I connect the Foreverlamp LED replacement lamp directly to a line voltage?**
No. The Foreverlamp series cannot be directly connected to line voltage - it receives its power through the installed magnetic ballast.
- **Is there a way to identify what kind of ballast (CWA/reactor) is used on an existing fixture?**
A method to identify the kind of ballast, is by measuring the ballast's output open circuit voltage. The CWA ballast's open circuit voltage is always higher than 280V, usually around 300V, and the Reactor ballast's open circuit voltage should be the same as line voltage since there is only one coil.

Another way to identify the ballast type is by checking the input cables; the reactor ballast will have 2 wires- the line (120/277) and com, the CWA ballast will have multiple wires- line (120,208,240,277) and the com.
- **Is the Foreverlamp LED replacement lamp series damp rated?**
Yes.
- **What is the temperature range in which I can use the Foreverlamp LED replacement lamps?**
The Foreverlamp series can be used in a temperature range of -20C to +55C.

- **Can the Foreverlamp LED replacement lamp be installed in lensed or enclosed fixtures?**

No. The Foreverlamp series must only be installed in an open fixture with air flow.

- **Foreverlamp Certifications and Testing?**

The Foreverlamp is UL listed and UL recognized. Foreverlamp maintains appropriate LM80, LM79, ISTMT, and TM21 laboratory testing results, available upon request.

- **Will the Foreverlamp LED replacement lamp extend the life of my installed ballast?**

The Foreverlamp LED replacement lamps require much less work from the installed ballast than the metal halide lamps they replace, so the ballast operates at a much cooler temperature. Initial examination indicates that installation of the Foreverlamp LED replacement lamp may actually extend the life of the ballast by 2-3X. The starter which is the most common component to fail in a metal halide system is not needed to operate the LED replacement lamps. Therefore, a defective starter will have no effect on the operation of the lamps

- **What happens if the ballast fails?**

If the installed ballast fails, it would need to be replaced to continue to operate the Foreverlamp LED replacement lamps.

- **What LED chips are used in the Foreverlamp LED replacement lamp?**

Nichia, a world leader in LED chip design and manufacturing makes the LEDs used within the Foreverlamp LED replacement lamps.

- **Will the Foreverlamp LED replacement lamps qualify for any rebates?**

Several models of the Foreverlamp LED replacement lamps are LDL qualified, and are continually updating. Please contact your local utility provider directly for further details on incentives available in your marketplace.

- **Will the Foreverlamp fixtures qualify for any rebates?**

Yes, the Foreverlamp fixture is DLC approved.

- **How can I receive further assistance regarding a purchase of the Foreverlamp LED replacement lamps products?**

Send an email to nasales@foreverlamp.com or call Foreverlamp at 844-LED (533)-8811 today to discuss your lighting needs.

For more information, you can also visit www.foreverlamp.com

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