FLUENCE

BIOENGINEERING

Fluence Bioengineering Fixture Maintenance & Precautions

Fluence Bioengineering LED fixtures are designed for horticultural lighting environments, but fertigation, IPM compounds and dirt can lead to losses of total light output over time. If your fixture has visible grime in the form or chemical, mineral or solid deposits on the LED fixture, the following cleaning regimen is recommended to avoid damage to the fixture and to ensure maximum performance over the life of your lighting system. *The following cleaning regimen is only recommended when chemical, mineral or solid deposits are visible on the LED board, or large solid deposits are seen on the aluminum body or heat sinks.*

Cleaning Regimen

Fluence Bioengineering fixtures are designed for a variety of greenhouse and indoor farming applications. Exposure to chemicals, minerals and solids will vary depending on the exact application and environment. Visually inspect your fixtures on a regular basis and apply the following cleaning regimen only when chemical, mineral or solid deposits are visible on the LED board, or when large solid deposits are found on the aluminum body or heat sink.

Required Tools:

- A water hose no larger than 0.75”/19mm diameter connected to tap/well water, not to exceed a source pressure of 60PSI/414kPa
- A hand-pump sprayer with soapy water

Cleaning Instructions:

1. Make sure all fixtures have been **turned off**
2. Pre-spray fixtures with soapy water wherever there is visible mineral, chemical or solid deposits
3. Spray fixtures with the hose to wash deposits off. If a nozzle is added to the end of the hose, the exit of the nozzle should be held at a minimum distance of 40”/1m from any surface on the fixture.
3. Let the fixtures dry
4. Fixtures may be turned on after they are dry

If you have questions or concerns about specific chemicals or non-standard cleaning applications for Fluence LED fixtures, please contact us at info@fluencebioengineering.com and we'd be happy to assist you.