

## Light Stick Plus by Dust Free

| Cost: \$ | Warranty: 7 year ballast, 2 year bulb, 1 year labor |



### Key Features

- **Best in Class** - Highest UV-C output compared to other 24V UV Fixtures.
- **Ozone Free** - Meets and surpasses UL 2998 no ozone standards. CARB certified.
- **Low Mercury** - Uses low mercury lamps that are better for the environment and provide high ambient temperature operation.
- **Reliability** – Expanded range ballast operates over a range of 20v to 32v and offers 3000v surge protection.
- **Direct Connect** – Custom design allows lamp to be installed directly in A-coil delta

plate for optimal UV exposure. Custom bracket offers remote mount capability.

- **Easy Maintenance** – Quick disconnect lamp connection enables easy lamp replacement.

### How It Works

UV light's secret weapon against bacteria and viruses? DNA damage – just like UV rays from the sun can damage your skin cells and cause skin cancer, UV light can damage and sometimes destroy the DNA that makes up bacterial and viral matter.

There are two main ways that UV light accomplishes this.

1. First, bacteria are living organisms, and UV light damages their DNA. When bacterial DNA is damaged, bacteria can't complete two key reproductive processes known as transcription and replication that allows them to make more bacteria. This keeps them from growing, reproducing, and forming enormous colonies throughout your body that are the source of many infectious diseases.
2. By contrast, viruses aren't really living – they're made up of DNA and RNA material that viruses use to invade the

DNA strands of living cells, infecting them with their own contaminated viral DNA and making them reproduce that infected DNA in huge quantities.

This is how viral conditions like colds, flu, and measles spread and become so infectious so fast. With sufficient contact time, UV light inactivates this DNA and RNA material, stopping them from ever assaulting organic cells.