

# ELLUMI 24" | 48" LED ANTIMICROBIAL VAPOR TIGHT

Behind **ellumi™** are two industry trailblazers — **Electrix** offers high value products for the architectural lighting community, remodeling, retrofitting and design-build contractors, and **Vital Vio**, a healthcare technology company pioneering a new class of LED light inside **ellumi™** to prevent the growth of bacteria, fungi, mold and mildew.

Together, they have joined forces to bring **ellumi™** to your business. Unlike other harmful microbe-killing light (like UV), the proprietary antimicrobial LED light technology in **ellumi™** meets international standards for continuous and unrestricted use around people and pets.



## FEATURES

Prevent bacteria, mold, mildew and fungi while illuminating your surface. Optimal protection achieved through continuous use.

Ordering Code		Power	CCT	Lumens	Efficacy	Dimming
<b>VV-VP-24-35</b>	<b>24" VAPOR TIGHT</b>	<b>60W</b>	<b>3500°K</b>	<b>4000 lm</b>	<b>67 lm/W</b>	<b>0-10V*</b>
<b>VV-VP-48-35</b>	<b>48" VAPOR TIGHT</b>	<b>120W</b>	<b>3500°K</b>	<b>7600 lm</b>	<b>63 lm/W</b>	<b>0-10V*</b>

\* Protective Properties reduced by dimmed outputs

## VAPOR TIGHT

- Line voltage luminaires powered with 120-277V AC.
- Complete kit includes fixture, architectural housing, and drivers
- No cord included, hardwire in the field
- cETLus listed, Suitable for use in Wet locations



For more information and installation instructions, visit: [EssentialElectrix.com](https://www.EssentialElectrix.com)

ellumi.

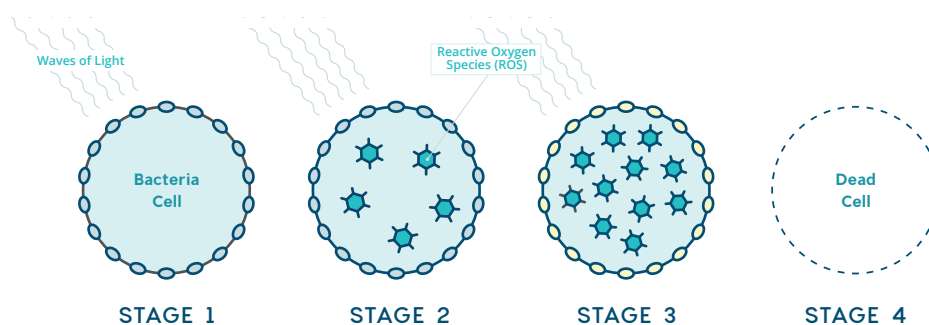
electrix  
powered by vital vio

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## How ellumi™ Technology Works

Unlike harmful ultraviolet (UV) light that attacks DNA in all living things, ellumi's 400–420nm wavelengths of LED light initiate a photo-activation of porphyrin molecules found exclusively in microorganisms. This leads to the production of Reactive Oxygen Species (ROS). In high doses, ROS cause irreparable damage to the cellular structure, which leads to bacterial cell death.

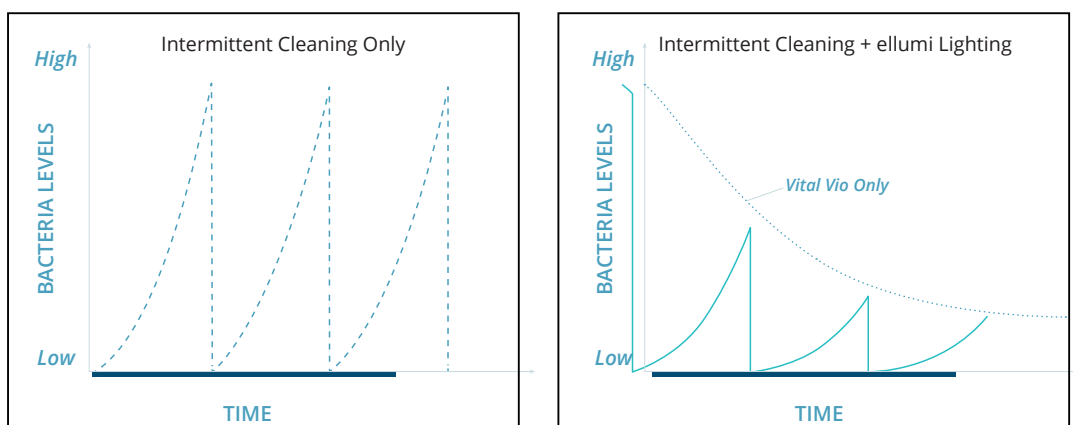


*The mechanism of action that causes cell death eliminates the potential for mutations, as validated by resistance testing in a laboratory.*

## What Does ellumi™ kill?

Multiple types of positive/gram negative bacteria, mold, mildew and fungi.

As compared to intermittent cleaning with chemicals only on the left, ellumi with Vital Vio Antimicrobial Light technology continually works between cleaning. Over time, this effectively reduces harmful levels of bacteria and other microbes.



\*in controlled laboratory settings

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