

# Lumnia®

Lighting the way in fly control

## Your business needs fly control

With over 120,000 known species worldwide, flies pose serious health and contamination threats to humans, pets, livestock, and goods.

A minor fly problem left uncontrolled has the potential to develop into a severe infestation in a matter of weeks, as some fly species are able to mature from eggs to adults in just seven days.

To reduce risk, it is imperative that businesses take proactive steps to deter flies and avoid potentially dangerous contamination or costly treatment.

Lumnia® was developed to meet this challenge while at the same time addressing growing sustainability concerns. This revolutionary insect light trap range offers an effective solution to monitor and control flying insects, help protect the welfare of your customers, and can contribute to a reduced carbon footprint for your business.<sup>1</sup>



### Sustainable protection from flies

Lumnia can help reduce the risks flies may have on your business's health and safety, while also contributing to sustainability efforts.

### Effective solution at a lower cost

High-attraction output LED lamps are optimized to catch more flies while also reducing power consumption at your facility. Lumnia insect light traps can provide up to 79% energy savings when compared to equivalent units on the market.<sup>3</sup>

### Optimized for attraction and catch rate

Lumnia offers best-in-class LED units, proven to catch flies up to 46% faster than other major ILTs available today.<sup>4</sup>

### Versatile, modern designs

The range consists of four units that feature modern, seamless design. Units can also switch between Monitor and Control modes to suit customer and location requirements.

### Environmentally friendly

With several energy modes that will adapt to day and night, Lumnia reduces energy consumption and can contribute to a lower carbon footprint.<sup>1</sup> The low-energy LED lamps have a 4-year life span and use less energy than traditional fluorescent tubes.<sup>5</sup>

<sup>1</sup> Findings based on calculations of Lumnia Compact vs average competitor units using traditional fluorescent tubes over a 5-year period based on product life cycle using the U.S. Environmental Protection Agency's Greenhouse Gas Equivalencies Calculator.

<sup>2</sup> Penn State Extension. "House Flies." Pennsylvania State University. June 19, 2023. Accessed October 23, 2023.

<sup>3</sup> Findings based on comparison study conducted by Rentokil Initial in 2019 between Lumnia models (on Low Power Mode setting) and various fluorescent bulb insect light traps.

<sup>4</sup> Findings based on a controlled laboratory catch rate study conducted by Rentokil Initial in 2023 using the Lumnia Standard versus 5 competitor models.

<sup>5</sup> 4-year lamp life based on manufacturer testing of Lumnia LED lamps; lifespan percentage based on available competitor claims as of October 2023.

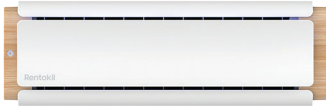


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# Lighting the way in fly control

Lumnia was crafted with the health and safety requirements that today's businesses face in mind. With four versatile designs, Lumnia units are suitable for nearly any industry, from busy foodservice environments to large, highly regulated facilities and even sensitive pharmaceutical and healthcare settings. Whether in public facing areas or high-pressure back-of-house operations, Lumnia offers a sustainable, effective solution to help reduce the risk that flies pose.



## Lumnia Slim

- 21.77" (W) x 7.4" (H) x 2.83" (D)
- 1 long-life LED lamp
- Glueboard unit
- Wall-mounted or flat surface
- Up to 67% energy savings<sup>3</sup>
- Stylish, discreet design for front-of-house areas
- One unit covers up to 1,076 sq. ft.
- Available in 2 colors: black and white



## Lumnia Compact

- 21.65" (W) x 9.45" (H) x 6.1" (D)
- 1 long-life LED lamp
- Glueboard unit
- Wall-mounted
- Up to 78% energy savings<sup>3</sup>
- Versatile design for use in public areas or back-of-house
- One unit covers up to 1,259 sq. ft.
- Available in 5 colors: standard silver, champagne, black, blue, and red



## Lumnia Standard

- 21.54" (W) x 11.73" (H) x 6.14" (D)
- 2 long-life LED lamps
- Glueboard or optional encapsulation cassette
- Wall-mounted
- Up to 77% energy savings<sup>3</sup>
- Robust unit ideally suited for high-traffic back-of-house areas
- One unit covers up to 2,690 sq. ft.
- Available in silver



## Lumnia Ultimate

- 21.54" (W) x 14.37" (H) x 6.14" (D)
- 3 long-life LED lamps
- Glueboard or optional encapsulation cassette
- Wall-mounted
- Up to 79% energy savings<sup>3</sup>
- Powerful option for regulated facilities and those with consistent fly pressure
- One unit covers up to 2,690 sq. ft.
- Available in silver



With a 4-year lifespan, Lumnia's LED lamps last 33% longer than direct competitor units on the market.<sup>5</sup>



Depending on the model, Lumnia's LED units offer energy savings of up to 67-79% when compared to traditional fluorescent bulb models.<sup>3</sup>



The open-close design allows for quick, convenient, and safe service changes of lamps, boards, and rolls.



Based on flying insect activity level, units can switch between Control or Monitoring mode, reducing energy consumption.



Lumnia offers 4 different energy modes that allow the units to adapt depending on the amount of UV light that there is in the environment.



Lumnia achieved UL Certification, demonstrating our commitment to sustainable product development.

To learn more or schedule a free consultation, call **866-649-9016**, or visit **assuredenvironments.com**.



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