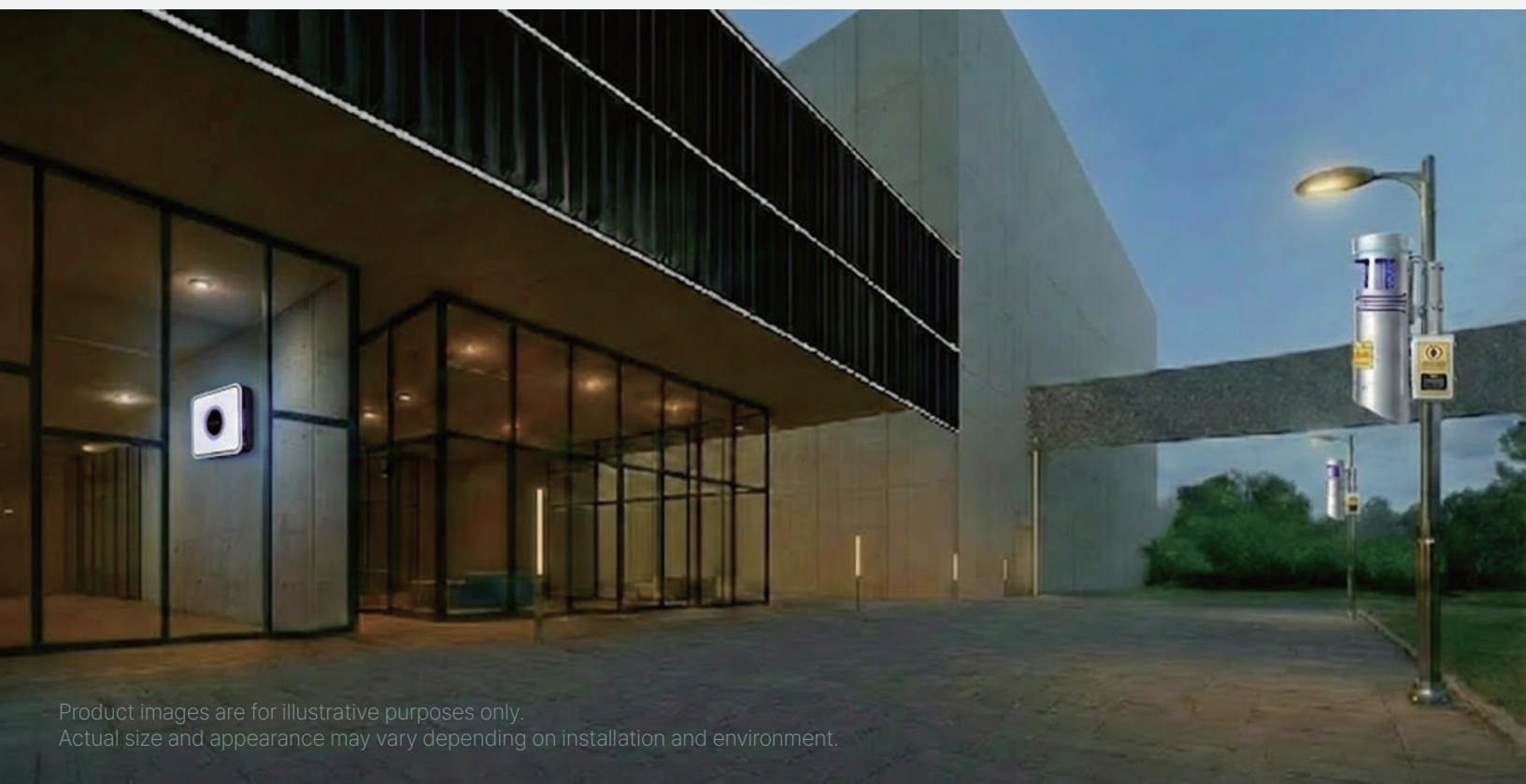


Invisible Pest Control Visible Hygiene

PRODUCT CATALOG



Product images are for illustrative purposes only.
Actual size and appearance may vary depending on installation and environment.

INNOTECH

INNOTECH

InnoTech Co., Ltd. — “More Than Pest Control”.

We are your partner in creating hygienic and refined environments.

Partnering with: hotels, restaurants, cafés, resorts, and upscale residences.

We help maintain not only hygiene, but also the highest standards of quality and guest experience.

With cutting-edge LED technology and sophisticated design,

Innotech ensures invisible hygiene in unseen areas,

while seamlessly enhancing the elegance of visible spaces.

Invisible Pest Control Visible Hygiene

Seamlessly integrated for refined spaces.

Company history

2025

Product Development
LUMIO
LUMIO KEEPER
LUMIO KEEPER SOLAR

2024

Product Development
Smart Catch Dual LED

2023

Product Development
Smart Catch LED

2022

Completed ISO 9001
ISO 14001 certification

2021

Registered
the brand smart catch
as a trademark.
Developed ULV, a Virgun

2020

· Certified for new technologies
and innovations in the SOC
technology market.
· Acquire Venture
company certification.

2019 02

Register Smart Catch Edition,
Smart Keeper UV LED with
the Public Procurement Service.

2018

Product Development
Smart Catch Addition
Smart Keeper UV LED

2016

Product Development
Smart Keeper
Smart All-Kill(Insect Trap)

2014

Product Development
Smart Catch
Established Innotech.



Certifications

Global Competitiveness



Proven excellence through international certifications recognized worldwide.

Innotech's Strengths

A journey of over 10 years, a legacy proven by trust.



Trusted Quality



Globally Certified



In-house Innovation



High Performance



Outdoor & Industrial LED Insect Trap
Visible Control, Dependable Performance

LUMIO Keeper

FEATURES

- IP55 waterproof & dustproof design
- High-power suction with BLDC motor
- 3-wavelength UV-LED (365 + 395 + 450nm)
- DC power system for enhanced electrical safety
- Suitable for rain-exposed and high-traffic zones



Product Video

RATED VOLTAGE DC 12V 4.2A (50W)

LAMP UV-LED Lamp

SIZE 300X800X254mm (11.8×31.5×10in)

WEIGHT 9.5Kg (20.9lb)

COVER Stainless Steel (SUS304)

COVERAGE 500m² (5,380ft²)

Distinctive Features of LUMIO Keeper



High-Efficiency LED

LED lamps with higher efficiency and lower power consumption—uses about half the power compared to other products.



Safe DC Type

Converted from AC to DC type for minimized electric shock risk and greatly enhanced safety.



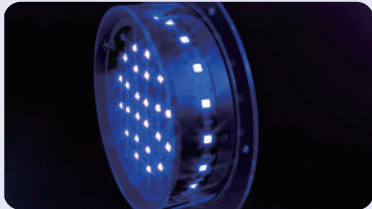
Modular Structure

Detachable modular design for easy maintenance and repair.



Waterproof Certified IP55

First in the industry with IP55 waterproof and dustproof certification safe even in the rain.



UV Dual LED Lamp

Superior insect attraction with dual wavelengths of 365+395nm for enhanced trapping performance.

PRODUCT PRINCIPLE



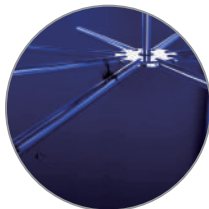
ATTRACTION

3-wavelength UV-LED draws insects



SUCTION

High-speed fan captures insects



PROCESSING

Internal cutting mechanism



DISCHARGE

Natural downward discharge

SPECIFICATIONS

RATED VOLTAGE DC12V 4.2A (50W)

MATERIAL Stainless Steel (SUS304)

WEIGHT 9.5Kg (excluding control box)

LAMP UV LED 3-Wavelength Lamp

WATERPROOF RATING IP55

RADIO CERTIFICATION NO R-R-bk2-LUMIOKEEPER

No risk of electric shock with DC power

First insect trap with IP55 waterproof and dustproof rating

BLDC motor reduces noise concerns

Easy maintenance with detachable control box

Dual wavelength LED lamp 365+395+450nm enhances insect attraction efficiency



2025 NEW

LUMIO

FEATURES

- LUMIO runs silently, making it ideal for sensitive environments like cafés, clinics, or offices - delivering hygiene without noise & disruption.
- Powered by high-efficiency LEDs, LUMIO lowers energy costs while ensuring powerful pest control performance.
- Unlike conventional mercury lamps, LUMIO uses advanced LED light — a safer, cleaner, and eco-friendly solution designed with people in mind.



Product Video

RATED VOLTAGE 100V~240V, 47~63Hz(16W)

LAMP UV-LED Lamp

SIZE 450×350×96mm (17.7×13.8×3.8in)

WEIGHT 2.5Kg (5.5lb)

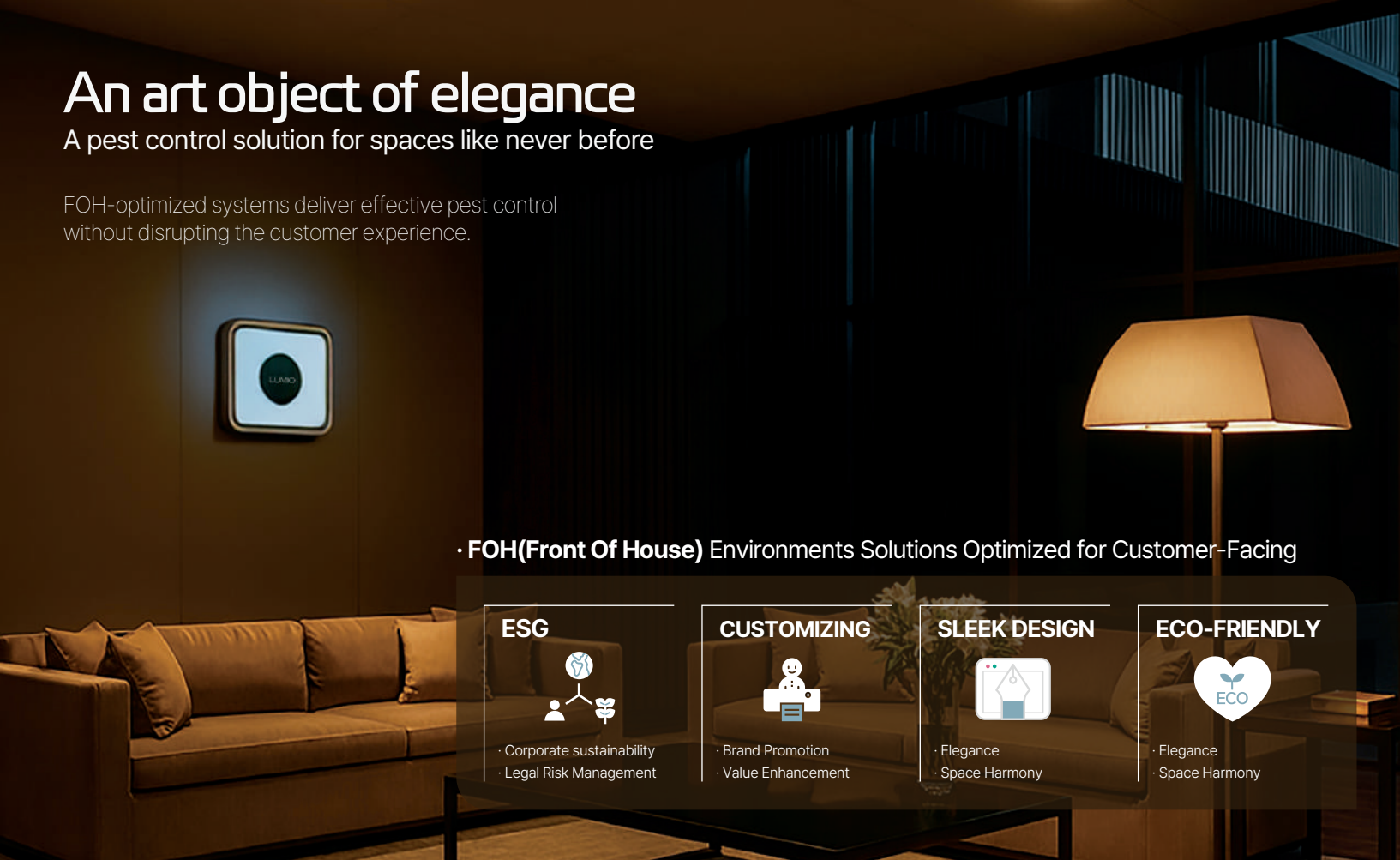
COVER Catch : Opaque ABS

COVERAGE 70m² (750ft²)

An art object of elegance

A pest control solution for spaces like never before

FOH-optimized systems deliver effective pest control without disrupting the customer experience.



• **FOH(Front Of House)** Environments Solutions Optimized for Customer-Facing

ESG  · Corporate sustainability · Legal Risk Management	CUSTOMIZING  · Brand Promotion · Value Enhancement	SLEEK DESIGN  · Elegance · Space Harmony	ECO-FRIENDLY  · Elegance · Space Harmony
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Stop hiding. Lumio redefines pest control for modern spaces.

LUMIO

Design Flexibility with 3-Types

		
LUMIO Flagship FOH LED insect trap	LUMIO M Ambient-integrated hygiene lighting Optional logo customization for brand-aligned FOH installations.	LUMIO X Branding-oriented FOH solution Optional logo customization for brand-aligned FOH installations.

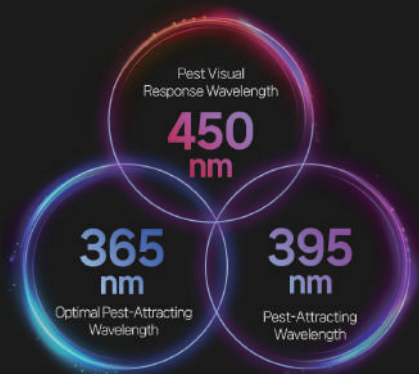


Introduction video ▲

Sure Capture with 3-Wavelength LEDs

4th Generation Insect Trap, Lumio

What is 3-Wavelength LED Lamp?



Lumio Lamp Features

No noise, FOH-safe operation

Energy-Efficient. No Extra Power Costs.

Safe Lumio with Non-Toxic LED

UV-free, glare-free LED comfort.

Strong and Effective Lumio Glue Paper

Easy replacement,
no cover removal needed!
Minimal routine maintenance



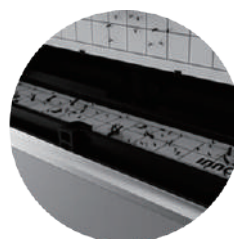
How Lumio Attracts Insects



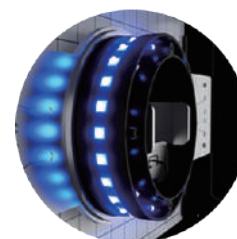
Front Direct
Attraction



Top and Side
Indirect Attraction



3-Wavelength
LED Lamp

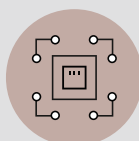


Extra-Strong
Glue Paper

Product Features

01

Want your own logo?
Custom Front Printing



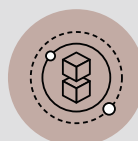
02

Concerned about toxins?
Eco-Friendly LED
(Mercury-Free)



03

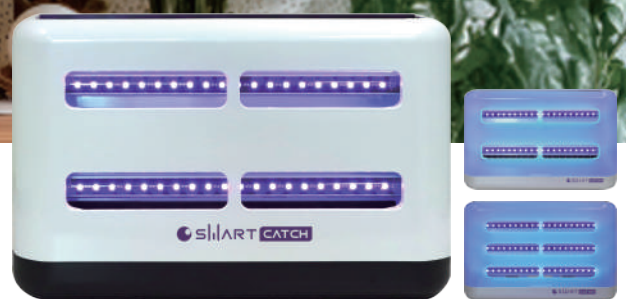
Performance Uncompromised
365+395+450nm
3-Wavelength



04

Tired of short-lived lamps?
Long-Lasting Lamp





Smart and efficient flying pest control with Smart Catch LED

Smart Catch LED

FEATURES

- 3x stronger attraction with 20W less power consumption compared to PL lamps
- Available in two versions: durable opaque ABS cover or upgraded translucent PC cover
- Ideal for dimly lit indoor spaces such as hotel hallways, classrooms, and open café kitchens
- Ultra-simple glue-board replacement for easy maintenance



Product Video

RATED VOLTAGE	100V~240V, 47~63Hz(20W) / Addition LED : (30W)	LAMP	10W UV-LED Lamp
SIZE	480×310×110mm (18.9×12.2×4.3in)	WEIGHT	2.6Kg (5.7lb) / Addition LED : 3Kg (6.6lb)
COVER	Catch LED : Opaque ABS / Alpha, Addition LED : Translucent PC	COVERAGE	60~100m ² (640~1,070ft ²)



Designed to deliver both aesthetic appeal and effective performance

FOCUS UV LED

FEATURES

- Equipped with LED lamps that deliver maximum attraction with minimal power consumption
- Ideal for dimly lit interiors where aesthetics matter, such as beauty salons and skincare rooms
- 45° optimized angle for safer operation and stronger insect attraction
- Available in both AC and DC power options
- Certified by PSE, CE, and RoHS standards



Product Video

RATED VOLTAGE 100V~240V, 47~63Hz(14W)

LAMP UV-LED LAMP

SIZE 400×280×140mm (15.7×11×5.5in)

WEIGHT 2.2Kg (5lb)

COVER V-capture-type ABS

COVERAGE 50~66m² (530~710ft²)



Indoor Pest Control Devices

VIRGUN POWER

FEATURES

- Unlimited continuous operation with AC power
- Ideal for hotels, large facilities, and long-duration disinfection cycles
- Stable and consistent spray output



Product Video

RATED VOLTAGE 220V, 60Hz(1130W)

VOLUME 4L

SIZE 523×265×180mm (20.5×10.4×7.1in)

WEIGHT 4Kg (8.82lb)

SPRAY DISTANCE 11~13m

PARTICLE SIZE 20~30um

Invisible Pest Control Visible Hygiene

Contact Information

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- www.smartcatch.kr
- sales@smartcatch.kr / info@smartcatch.kr
- 23, Solbat-ro, Jinju-si, Gyeongsangnam-do, 52809, Republic of Korea

Homepage



LUMIO

The premium alternative to conventional UV traps



Excl. Distrib. Opportunity

Premium FOH

Brand-Sensitive Env.

Premium FOH Insect Control for Brand-Sensitive Environments

FOH-Friendly Design

Designed for Spaces Where Traditional UV Traps Are Visually Unacceptable

- ✓ Architectural design
- ✓ Silent glue-board
- ✓ No insect scatter

Commercial Advantage

- ✓ Premium positioning—stronger distributor margins
- ✓ Low complaint risk
- ✓ Recurring glue board revenue
- ✓ Energy-efficient LED system

Proven Performance

- ✓ Triple Wavelength LED: 365 / 405 / 450 nm
- ✓ Coverage: Up to 70 m² per unit
- ✓ 15,000+ hour LED lifespan
- ✓ CE & RoHS compliant

KEY FEATURES & ADVANTAGES

SILENT OPERATION

No zapping noise. No guest disruption.
Perfect for hospitality & premium spaces.

TRIPLE LED ATTRACTION

UV-enhanced LED system Triple Wavelength: 365 / 405 / 450 nm
Optimized insect attraction efficiency.

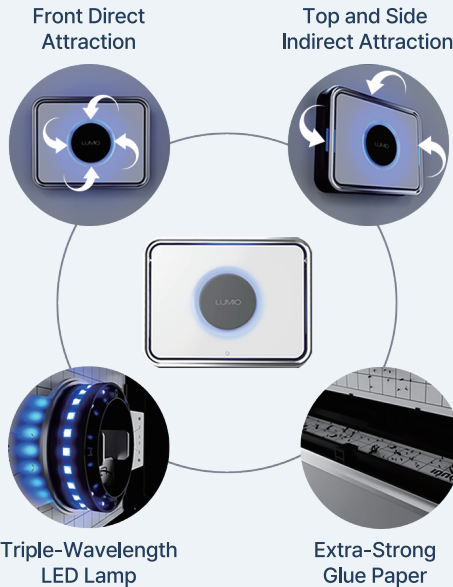
LONG LAMP LIFE

15,000+ hour lifespan
Lower maintenance cost over lifecycle.

HYGIENIC CONTAINMENT

Insects fully contained in replaceable glue board.
No scatter. No contamination risk.
Designed for food safety environments.

How LUMIO Maximizes Capture Efficiency



Front & indirect attraction angles improve capture efficiency in commercial indoor environments.

PRODUCT SPECIFICATIONS

Trap Type: Silent Glue Board — Hygienic Containment

Coverage: Up to 70 m² per unit

Power: 100V–240V, 47–63Hz, 16W

Certifications: CE · RoHS

Maintenance: Replaceable glue board, tool-free

Light Source: UV-Enhanced LED (365 / 405 / 450 nm)

LED Lifespan: 15,000+ hours

Mounting: Wall mount

Material: ABS Engineering Plastic — Recyclable

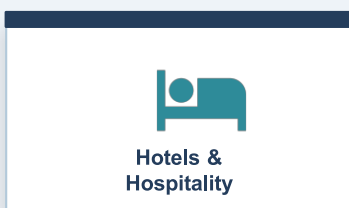
Origin: Republic of Korea

** Intended for indoor dry-use environments only. Not designed for direct water exposure.*

Target Market Segments



Restaurants
& Fine Dining



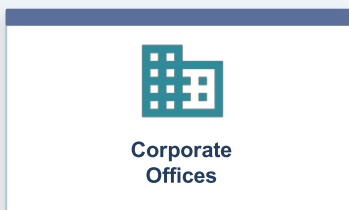
Hotels &
Hospitality



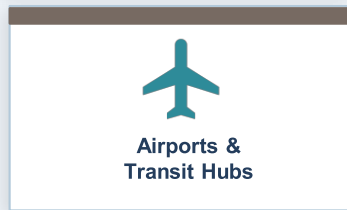
Healthcare
& Pharma



Food Retail
& Bakeries



Corporate
Offices



Airports &
Transit Hubs

Ideal for distributors targeting premium FOH accounts.

Your brand. Our technology. Stronger market position.

OEM & CUSTOM BRANDING

LUMIO enables distributors to secure high-value accounts through custom branding and private label opportunities.

Hotel Chains

Brand logo on unit

Restaurant Groups

Custom artwork

FM Companies

Corporate identity

White-Label OEM

Full private label



Ready to Differentiate Your Portfolio?

Become a LUMIO distribution partner and offer a premium alternative to conventional UV traps.
info@smartcatch.kr | +82-55-754-5440 | www.smartcatch.kr/en