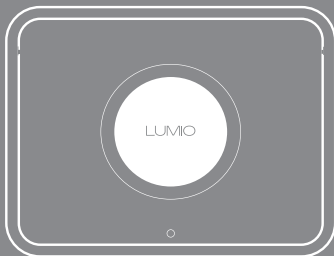


LED Pest Control Device

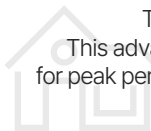
LUMIO Plus

"Visible Hygiene by LED Pest Control Device"
User Manual & Installation Guide



Thank you for choosing LUMIO Plus.

This advanced LED Pest Control Device is designed for peak performance. Please read the manual before use.



INNOTECH

LUMIO Plus

Product Overview

4th-generation LED Pest Control Device.
Mercury-free dual-wavelength LEDs with
dual glue-board capture system.

Recommended Application

Restaurants, hotels, food processing facilities, retail shops,
supermarkets, hospitals, offices, and reception areas.

Safety Precautions

Please read this manual carefully before installation
or operation and keep it for future reference.

1

Usage Environment

For indoor use only. Do not install it outdoors or in areas exposed to rain or moisture.

2

Hazardous Areas

Do not use in locations where flammable vapors or explosive dust may be present.

3

Supervision

Children or persons with reduced capabilities should only use this product under supervision.

4

Maintenance Safety

Always disconnect the power adapter before cleaning, moving, or performing maintenance.

5

UV Exposure

Safety opaque cover blocks direct light from internal dual-wavelength LEDs (365+450nm)

LUMIO Plus

Product Description

Key Features

- Dual UV-A LED ring lamp (wavelengths: 365+450nm): maximized capture performance
- Direct front attraction + indirect top/side attraction for expanded multi-angle attraction
- Virtually silent operation
- No insect scattering — fully captured on replaceable glue boards
- Mercury-free LED technology — environmentally friendly
- Ultra-low power consumption: 24W
- Custom front panel options available: LUMIO M / LUMIO X

Item	LUMIO Plus
Dimensions (W×H×D)	450 × 350 × 96 mm
Weight	Approx. 2.5 kg
Rated Voltage	AC 100–240V, 47–63Hz (DC 12V, 2A adapter included), 24W
Light Source	Dual UV-A LED ring lamp (wavelengths: 365+450nm)
Glue System	Dual glue boards
Installation Method	Wall-mounted / Stand-type optional
Operating Temperature	0°C to 40°C
Operating Humidity	20%–80% RH (non-condensing)
Certifications	CE / RoHS / ISO / FCC / NRCS

* Based on Innotech's internal test conditions. Actual results may vary depending on installation environment, insect density, and surrounding lighting.

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Configuration and Installation

Package Contents

No.	Item
1	Main unit (x1) — LED lamp and glue boards pre-installed
2	LED lamp module (ring type) — pre-installed x1
3	Glue board set — pre-installed x1 set
4	AC/DC power adapter x1
5	Screws and wall plugs — 2 sets
6	User manual (this document)

Before Installation

- Install at a height of approximately 1.5–2.0 m above the floor.
- Ensure that a 100–240V AC power outlet is within reach.
- Maintain at least 300 mm clearance on all sides.
- Avoid bright white lighting nearby.
- Do not install directly above food preparation surfaces.

Wall-Mount Installation — 3 Steps

1. Position Marking



Hold the unit against the wall and mark the mounting hole positions.

2. Drilling



Drill the holes, insert wall plugs, and fasten the screws.

3. Mounting the Unit



Hang the unit on the screws, connect the adapter, and confirm LED illumination.

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Glue Board Replacement Procedure

1



Power Off

Turn the button OFF, disconnect the adapter, and wait 30 seconds.

2



Prepare New Board

Prepare GP-SC01, remove the protective film, and handle by the edges.

3



Replace Large Board (A)

Pull out the tray, remove the old board, and insert the new board from bottom to top.

4



Replace Small Board (B)

Insert into the tray with the adhesive side facing upward until it clicks into place.

5



Disposal & Restart

Seal the used board in a plastic bag, reconnect the adapter, and check LED illumination.

* Storage: Store in the original packaging in a cool, dry place away from direct sunlight and temperatures above 40°C. Use only genuine GP-SC01 boards — info@smartcatch.kr

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LED Lamp Replacement

1



Power Off

Turn the button OFF, disconnect the adapter, and wait 30 seconds.

2



Prepare Lamp

Check authenticity and model compatibility.

3



Disconnect Cable

Disconnect the cable between lamp and main body.

4



Install New Lamp

Align with the slot, press into place, and reconnect the cable until it clicks.

5



Check Operation

Close the cover, reconnect the adapter, and confirm LED illumination.

* Use only genuine LUMIO Plus dual LED ring lamps.
Contact an authorized seller or info@smartcatch.kr

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Cleaning & Maintenance

- Wipe the exterior with a soft, slightly damp cloth.
- If needed, use a neutral detergent only — do not use solvents, abrasives, or bleach.
- Let the unit dry completely before reconnecting power.
- Clean at least once a month
- Remove the glue boards and clear debris using a dry brush or compressed air.
- Do not use a wet cloth or spray near the LED ring.
- Dust on the LED lens should be wiped gently with a dry microfiber cloth.

* Always disconnect the power adapter before cleaning.
Do not immerse the unit in water.

Trouble Shooting

Symptom	Possible Cause	Corrective Action
No light	Power not connected	Check outlet and press power button. If issue continues, contact service.
Reduced capture efficiency	Saturated glue board / surrounding lighting	Replace glue board, adjust surrounding lighting, and check installation height.
Unusual odor	Accumulated insect residue	Turn off power, remove glue board, and clean interior.
Buzzing / vibration	Loose cover	Refasten the cover. If issue continues, contact service.
LED damage	Impact / overvoltage	Immediately disconnect power. Replace lamp before reuse.

Contact Information

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