

PestWest<sup>®</sup> Professional  
Flying Insect Management Products

# Resource Guide



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Confidence in  
**Fly Control**

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## About Us

Supporting you with a comprehensive range of professional flying insect management systems.

PestWest products are a significant part of several Leadership in Environmental and Energy Design (LEED) accreditation programs. Contact us for details.

It isn't magic that brings excellence to a company; excellence is the result of commitment and hard work by dedicated and experienced people. Whether we're talking about products or processes, no wizardry or easy formulas will solve the challenges of tomorrow; our people will.

PestWest cares about its employees and customers and understand that both are the foundation of our success.

We appreciate your continued support!



ALL PESTWEST FLYING INSECT SYSTEMS INCLUDE A 3-YEAR WARRANTY (EXCLUDES LAMPS AND GLUE BOARDS).

TO ORDER YOUR PESTWEST PRODUCTS ONLINE:

**[ordering.pestwest.com](http://ordering.pestwest.com)**

PestWest is the only insect light trap manufacturer to offer the exclusive Mad Hatter® Lamp Recycling Box Program. RECYCLING MADE EASY! See pages 44 - 45.





Mantis® Qualis LED  
Insect Light Trap

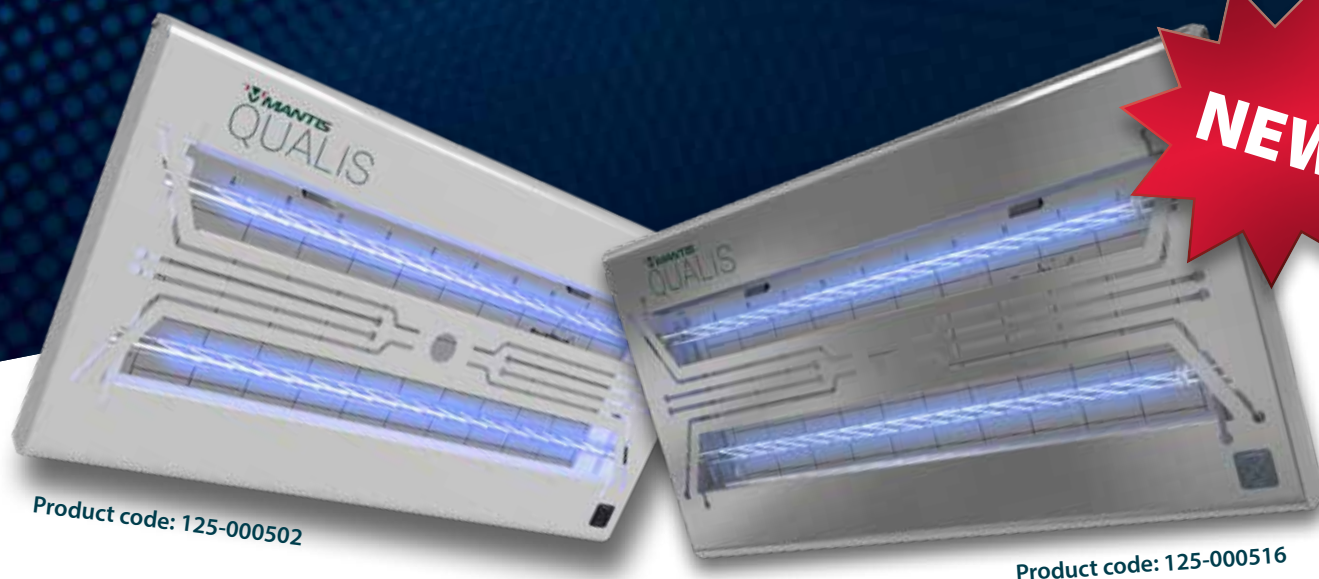
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 **MANTIS**

QUALIS

QUANTUM<sup>®</sup>  
LED

**NEW**



Discover more...

## LED INSECT LIGHT TRAP

**864 Filament LEDs**

**9x** more than common LED insect light traps (up to 90 LEDs)

**360° UV Projection**

Compared to other restricted 120° - 180° LED beams

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**PestWest**<sup>®</sup>  
[www.pestwest.com](http://www.pestwest.com)

Confidence in  
Fly Control

QUANTUM<sup>®</sup>  
LED

The Mantis<sup>®</sup> Qualis  
provides energy-efficient,  
sustainable flying insect  
control with a sleek,  
modern design.



## QUANTUM<sup>®</sup> X LED Lamp Technology

### 360° UV BEAM

- ↓ **Lowest power consumption: 35% lower than other LED insect light traps**
- 🕒 **Less lamp replacement: LEDs require replacement only once every 3 years**
- 📏 **Specially formulated glue board: Ensures a superior capture with a 12% larger adhesive area versus Classic & Universal glue boards**
- 🔧 **Full metal construction: UV resistant and long lasting for reliable service**
- ✓ **HACCP & cGMP Compliant**

#### DIMENSIONS

H: 11.8" W: 22.6" D: 1.6"

H: 30 cm W: 57.5 cm D: 4 cm

#### WEIGHT

7.9 lb (3.6 kg)

#### COVERAGE

970-1290 ft<sup>2</sup> / 90-120 m<sup>2</sup> - Wall mounted

#### FINISH

White Coated Zintec Steel  
Product code: 125-000502



Stainless Steel  
Product code: 125-000516



#### SHIPPING INFORMATION

Each Shipping weight: 9.7 lb (4.4 kg)

#### REPLACEMENT PARTS

130-000321 Shatter-Resistant Quantum X LED lamps

13 w 21" T5 - Qty: 2

135-000226 21" LED GB (Silver)

**Replace only with this unique LED glue board to ensure optimal performance (excluding EXG X). LED lamp and glue board are compatible with all PestWest LED systems.**

Qty required 1 / Sold separately in packs of 6

Quantum X  
SCAN TO DISCOVER MORE





Mantis® Sirius X LED  
Insect Light Trap

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# SIRIUS

QUANTUM®  
LED

**NEW**

White Powder coating  
Product code: 125-000513

Stainless Steel Product code: 125-000514

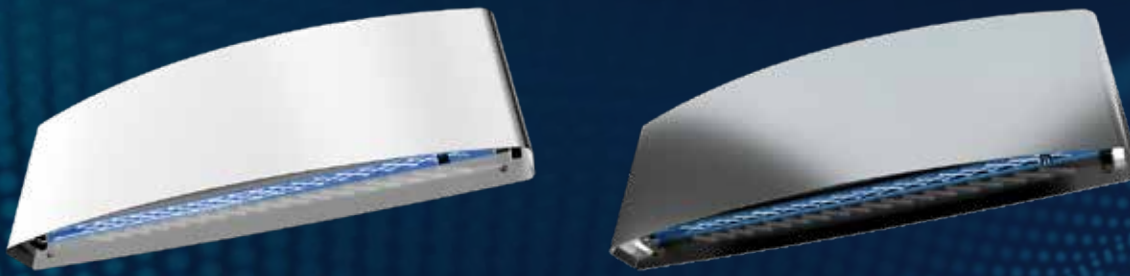
## LED INSECT LIGHT TRAP

**864 Filament LEDs**

**9x** more than common LED insect light traps (up to 90 LEDs)

**360° UV Projection**

Compared to other restricted 120° - 180° LED beams



**QUANTUM<sup>®</sup>**  
LED

The Mantis<sup>®</sup> Sirius X represents the next generation in flying insect control, designed for sophisticated front-of-house applications. Building on the sleek and modern design of the Mantis<sup>®</sup> Sirius, it effortlessly integrates into the décor of any restaurant, café, or hotel.



## QUANTUM<sup>®</sup> X LED Lamp Technology

### 360° UV BEAM

- ↓ **Lowest power consumption: 35% lower than other LED insect light traps**
- ⌚ **Less lamp replacement: LEDs require replacement only once every 3 years**
- 📏 **Specially formulated glue board: Ensures a superior capture with a 12% larger adhesive area versus Classic & Universal glue boards**
- 🔧 **Full metal construction: UV resistant and long lasting for reliable service**
- ✓ **HACCP & cGMP Compliant**

#### DIMENSIONS

H: 7.4" W: 22.8" D: 4.7"

H: 19 cm W: 58 cm D: 12 cm

#### WEIGHT

6.8 lb (3.1 kg)

#### COVERAGE

970-1290 ft<sup>2</sup> / 50-60 m<sup>2</sup> - Wall mounted

#### FINISH

White Coated Zintec Steel  
Product code: 125-000513



Stainless Steel  
Product code: 125-000514



#### SHIPPING INFORMATION

Each Shipping weight: 9 lb (4.1 kg)

#### REPLACEMENT PARTS

130-000321 Shatter-Resistant Quantum X LED lamps

13w 21" T5 - Qty: 2

135-000226 21" LED GB (Silver)

**Replace only with this unique LED glue board to ensure optimal performance (excluding EXG X). LED lamp and glue board are compatible with all PestWest LED systems.**

Qty required 1 / Sold separately in packs of 6

**Sirius X**  
SCAN TO DISCOVER MORE





Mantis® On-Top Pro X  
LED Insect Light Trap

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QUANTUM®  
LED

# ON-TOP **PRO2**



Product Code: 125-000525

## LED INSECT LIGHT TRAP

**864 Filament LEDs**

**9x** more than common LED insect light traps (up to 90 LEDs)

**360° UV Projection**

Compared to other restricted - 180° LED beams



QUANTUM<sup>®</sup>  
LED

Head and shoulders above any insect light trap. Innovative and discreet, the unique overhead design fits easily into new or existing suspended ceilings.



## QUANTUM<sup>®</sup> X LED Lamp Technology

### 360° UV BEAM

- ⌘ Fits snugly into a 24" x 24" ceiling tile. A 24" Cross-T is included to convert any 48" ceiling tile into a 24" ceiling tile.
- ↓ Lowest power consumption: 35% lower than other LED insect light traps
- ⌚ Less lamp replacement: LEDs require replacement only once every 3 years
- 📐 Specially formulated glue board: Ensures a superior capture with a 12% larger adhesive area versus Classic & Universal glue boards
- 🔌 20' power cord for extended reach (hard wiring by a licensed electrician required)
- 🔧 Full metal construction: UV resistant and long lasting for reliable service
- ✓ HACCP & cGMP Compliant

#### DIMENSIONS

H: 23.2" W: 23.2" D: 2.8"

H: 59 cm W: 59 cm D: 7 cm

#### WEIGHT

12.3 lb (5.6 kg)

#### COVERAGE

970-1290 ft<sup>2</sup> / 90-120 m<sup>2</sup> - Ceiling mounted

#### FINISH

Stainless Steel

Product code: 125-000525



#### SHIPPING INFORMATION

Each Shipping weight: 13 lb (6 kg)

#### REPLACEMENT PARTS

130-000321 Shatter-Resistant Quantum X LED lamps

13w 21" T5 - Qty: 2

135-000226 21" LED GB (Silver)

Replace only with this unique LED glue board to ensure optimal performance (excluding EXG X). LED lamp and glue board are compatible with all PestWest LED systems.

Qty required 1 / Sold separately in packs of 6



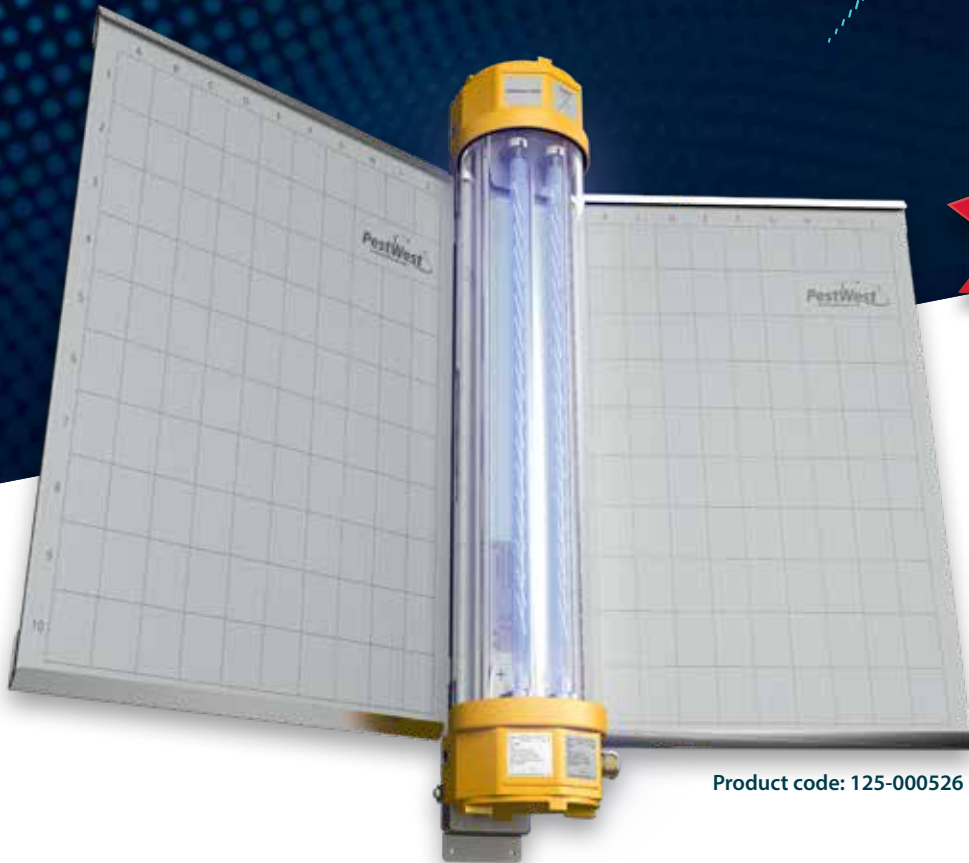
Quantum X  
SCAN TO DISCOVER MORE

Chameleon® EXG X  
Insect Light Trap

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**Chameleon® EXG**

QUANTUM  
LED



Product code: 125-000526

## LED INSECT LIGHT TRAP

**864 Filament LEDs**

**9x** more than common LED insect light traps (up to 90 LEDs)

**360° UV Projection**

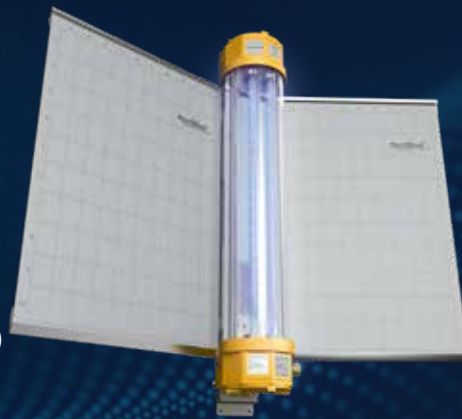
Compared to other restricted 120° - 180° LED beams

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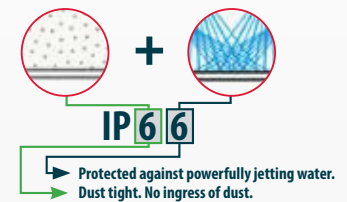


QUANTUM<sup>®</sup>  
LED

The new Chameleon<sup>®</sup> EXG X LED is ATEX Certified, which allows installation within zones where a risk of explosion from gases, droplets, or dust may occur.



## QUANTUM<sup>®</sup> X LED Lamp Technology 360° UV BEAM



- ↓ **Lowest power consumption: 35% lower than other LED insect light traps**
- ⌚ **Less lamp replacement: LEDs require replacement only once every 3 years**
- 📏 **Specially formulated glue board: Ensures a superior capture with a 12% larger adhesive area versus Classic & Universal glue boards**
- 🔧 **Full metal construction: UV resistant and long lasting for reliable service**
- ✓ **HACCP & cGMP Compliant**

### DIMENSIONS

H: 32.0" W: 37.0" D: 7.0"  
H: 81.5 cm W: 94 cm D: 18 cm

### WEIGHT

26.5 lb (12 kg)

### COVERAGE

1290 ft<sup>2</sup> / 120 m<sup>2</sup> - Wall mounted

### FINISH

Stainless Steel  
Product code: 125-000526



### SHIPPING INFORMATION

Each Shipping weight: 32 lb (14.5 kg)

### REPLACEMENT PARTS

130-000321 Shatter-Resistant Quantum X LED lamps

13w 21" T5 - Qty: 2

135-000226 21" LED GB (Silver)

**Replace only with this unique LED glue board to ensure optimal performance. LED lamp compatible with all PestWest LED systems.**

Qty required 2 / Sold separately in packs of 6

**Hard wiring by a licensed electrician required**

Chameleon<sup>®</sup> EXG X  
SCAN TO DISCOVER MORE



Mantis® Qualis IP LED  
Insect Light Trap

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 **MANTIS**

QUALIS **IP**

QUANTUM<sup>®</sup>  
LED



**NEW**

Product code: 125-000527

LED INSECT LIGHT TRAP

**864 Filament LEDs**

**9x** more than common LED insect light traps (up to 90 LEDs)

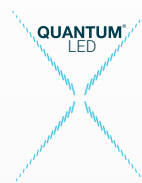
**360° UV Projection**

Compared to other restricted & harsh 120° - 180° LED beams



QUANTUM<sup>®</sup>  
LED

The Mantis<sup>®</sup> Qualis IP is IP66 Rated to the BS EN 60529-1992 Standard for dust and water ingress protection. It provides sustainable flying insect monitoring and control within wash-down and steam-cleaning environments.



## QUANTUM<sup>®</sup> X LED Lamp Technology

### 360° UV BEAM

- ↓ **Lowest power consumption: 35% lower than other LED insect light traps**
- ⌚ **Less lamp replacement: LEDs require replacement only once every 3 years**
- 🔄 **Specially formulated glue board: Ensures a superior capture with a 12% larger adhesive area versus Classic & Universal glue boards**
- 🔧 **Full metal construction: UV resistant and long lasting for reliable service**
- ✓ **HACCP & cGMP Compliant**

#### DIMENSIONS

H: 12.5" W: 25.0" D: 2.1"  
H: 32 cm W: 64 cm D: 5 cm

#### WEIGHT

12.5 lb (5.6 kg)

#### COVERAGE

970-1290 ft<sup>2</sup> / 90-120 m<sup>2</sup> - Wall mounted

#### FINISH

Stainless Steel  
Product code: 125-000527



#### SHIPPING INFORMATION

Each Shipping weight: 14.8 lb (6.7 kg)

#### REPLACEMENT PARTS

130-000321 Shatter-Resistant Quantum X LED lamps  
13w 21" T5 - Qty: 2

135-000239 Unique Quantum X LED Lamps matrix gray  
plastic glue board

**(Replace only with this unique gray, moisture- and mold-resistant plastic LED glue board to ensure optimal performance (excluding EXG X). LED lamp compatible with all PestWest LED systems.)**

Qty required 1 / Sold separately in packs of 6

Mantis<sup>®</sup> Qualis IP  
SCAN TO DISCOVER MORE



Mantis® Stellaris LED  
Insect Light Trap

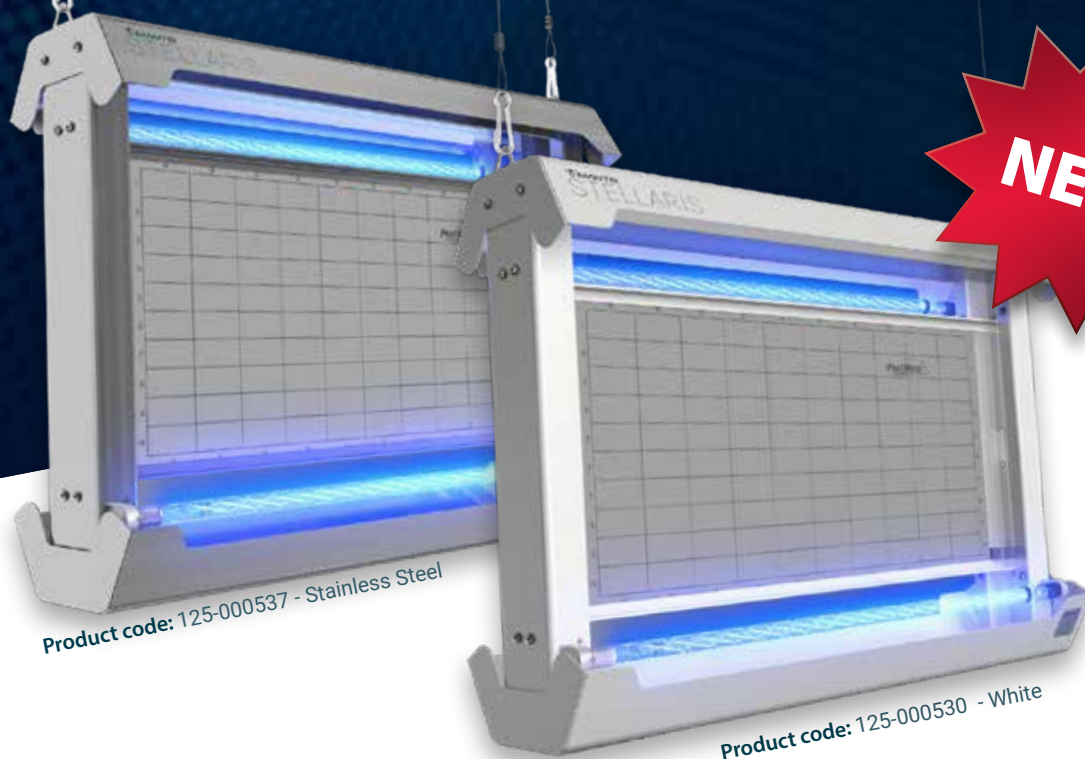
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 **MANTIS**

# STELLARIS

QUANTUM  
LED

**NEW**



Product code: 125-000537 - Stainless Steel

Product code: 125-000530 - White

## LED INSECT LIGHT TRAP

**864 Filament LEDs**

**9x** more than common LED insect light traps (up to 90 LEDs)

**360° UV Projection**

Compared to other restricted & harsh 120° - 180° LED beams



QUANTUM<sup>®</sup>  
LED

The Mantis<sup>®</sup> Stellaris is a unique double-sided LED UV flying insect management systems for large, open industrial areas.



## QUANTUM<sup>®</sup> X LED Lamp Technology

### 360° UV BEAM

- ↓ **Softer intensity of light produced by far more LEDs (432 per lamp)**
- ⌚ **360° light distribution**
- 📏 **2x Quantum<sup>®</sup> X LED 370nm 21.65" (550mm) T5 shatter-resistant lamps**
- ✓ **Full metal construction: UV resistant and long lasting for reliable service**

#### DIMENSIONS

H: 16.5" x W: 23.25" x D: 6.25"  
(H: 42 cm x W: 59 cm x D: 16 cm)


#### WEIGHT


12.56 lbs (5.7 kg)

#### COVERAGE

1940-2370 ft<sup>2</sup> (180-220 m<sup>2</sup>)

#### FINISH

Stainless Steel   
Product code: 125-000537

White coated   
Product code: 125-000530

#### SHIPPING INFORMATION

Each Shipping weight: 14.8 lb (6.7 kg)

#### REPLACEMENT PARTS

130-000321 Shatter-Resistant Quantum X LED lamps  
13w 21" T5 - Qty: 2

135-000239 Unique Quantum X LED Lamps matrix gray  
plastic glue board

**Replace only with this unique gray, moisture- and mold-resistant plastic LED glue board to ensure optimal performance (excluding EXG X). LED lamp compatible with all PestWest LED systems.**

Qty required 1 / Sold separately in packs of 6

Mantis<sup>®</sup> Stellaris  
SCAN TO DISCOVER MORE



# Mantis® Nemesis X LED Electrocution System

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# NEMESIS

QUANTUM  
LED



**NEW**

Product code: 120-000166 (Stainless Steel)

Product code: 120-000163 (White)



Discover more...

## LED INSECT LIGHT TRAP

### **864 Filament LEDs**

**9x** more than common LED insect light traps (up to 90 LEDs)

### **360° UV Projection**

Compared to other restricted & harsh 120° - 180° LED beams

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QUANTUM<sup>®</sup>  
LED

The Nemesis<sup>®</sup> X is a robust, all-metal electronic insect electrocutor that utilizes revolutionary LED filament technology to deliver superior flying insect control, making it the ideal sustainable solution for large, open, non-food industrial areas.



## QUANTUM<sup>®</sup> X LED Lamp Technology

### 360° UV BEAM

- ↓ **Softer intensity of light produced by far more LEDs (432 per lamp)**
- ⌚ **360° light distribution**
- 📏 **2x Quantum<sup>®</sup> X LED 370nm 21.65" (550mm) T5 shatter-resistant lamps**
- ✓ **Full metal construction: UV resistant and long lasting for reliable service**

#### DIMENSIONS

H: 12.4" x W: 24.4" x D: 5.3"  
(H: 31.5 cm x W: 62 cm x D: 13.5 cm)

#### WEIGHT

18.7 lbs (8.5 kg)

#### COVERAGE

Ceiling mount: 2580-3015 ft<sup>2</sup> (240-280 m<sup>2</sup>)  
Wall mounted: 1300-1510 ft<sup>2</sup> (120-140 m<sup>2</sup>)

#### FINISH

Stainless Steel  
Product code: 120-000166



White  
Product code: 120-000163



#### SHIPPING INFORMATION

Each Shipping weight: 14.8 lb (6.7 kg)

#### REPLACEMENT PARTS

130-000321 Shatter-Resistant Quantum X LED lamps  
13w 21" T5 - Qty: 2  
Electrocution Grid: 4000 V AC

**Nemesis X**  
SCAN TO DISCOVER MORE



**Q: How often do Quantum® X LED lamps need to be replaced?**

A: Every three years, compared to the one-year lifespan of conventional fluorescent UVA (FUVA) lamps.

**Q: Are Quantum® X lamps shatter-resistant?**

A: Quantum® X lamps feature FEP shatter-resistant coating (suitable for areas with glass exclusion requirements).

**Q: Can Nemesis® X be used outdoors?**

A: Nemesis® X possesses an IP20 rating and is for indoor use only and must not be exposed to moisture or outdoor environments.

**Q: Should Nemesis® X systems be periodically turned off?**

A: The Nemesis® X should remain on 24/7/365 to ensure optimum insect attraction, capture, assessment, monitoring, and control.

**Q: What is the recommended suspension height for the Nemesis® X?**

A: 8.2 feet (2.5 m) above floor level to optimize line-of-sight, insect attraction, and avoid interference from competing light sources.

**Q: Can any LED replacement lamp be used in the Nemesis® X?**

A: Only Quantum® X LED 370 nm shatter-resistant lamps (Part No. 130-000321) can be used.

**Q: What is the best way to clean Quantum® X LED lamps?**

A: Routinely wipe with a damp cloth and mild detergent.

**Q: What is the difference between Nemesis® X and glue board ILTs?**

A: Nemesis® X uses an electrocution grid to kill insects on contact, whereas glue board ILTs capture insects passively using adhesive boards.

**Q: How energy-efficient is the Nemesis® X?**

A: Nemesis® X operates on 19 Watts, significantly reducing energy consumption compared to traditional fluorescent UVA (FUVA) electrocution systems.

**Q: Under HACCP and cGMP, are Quantum® X LED systems compliant?**

A: Nemesis® X meets FDA and USDA facility requirements when installed in non-food, non-feed areas.

**Q: Does the Nemesis® X come with a warranty?**

A: Yes, a 3-year warranty, excluding LED lamps.

**Q: What is "hot swapping?"**

A: "Hot swapping" refers to installing Quantum® X lamps while the Quantum® X system is powered-on. This can irreparably damage LED lamps. Switch off the system before servicing. Quantum® X lamps are not fluorescent lamps, failure to disconnect the system from power when removing or inserting an LED lamp could permanently damage the LEDs. When inserting a Quantum® X lamp into the system, ensure the correct polarity to avoid permanent LED

lamp damage. The Quantum® X lamp has a + & - symbol located near the silver end cap. Each PestWest LED range system possesses a + & - symbol within the metal work to indicate the correct orientation of the Quantum® X lamp. See illustration below.

**Q: What is "color binning," and why is it used?**

A: Color binning is a standard practice in the LED industry to categorize LED lamps into groups (e.g., A, B, C...). This is based upon slight variations in blue color, which naturally occur during manufacturing. Color binning ensures LED lamp consistency.

**Q: How are Quantum® X lamps color-grouped, and how is the group identified?**

- Quantum® X lamps are grouped into categories (e.g., A, B, C...) to ensure similar shades are used together.
- The color group is indicated on the Quantum® X silver end cap (middle line of printing).
- The color group is indicated on the box label (box of 25 lamps).

**Q: What happens if the blue shades of Quantum® X lamps in the Quantum® X LED system do not match?**

A: If the blue shades differ, it is a normal result of manufacturing variations. This does not affect Quantum® X lamp UVA output nor insect attraction performance.

**Q: Are slight differences in the blue color of Quantum® X lamps a cause for concern?**

A: No, slight differences in the blue color of Quantum® X lamps do not affect ultraviolet (UVA) light output nor effectiveness in attracting flying insects.





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# QBL LED

Transformative Retrofit Technology  
**Embrace LED UVA Technology!**  
**Upgrade your PestWest Fluorescent Systems to LED!**



**NEW option!** Retrofit your  
fluorescent systems to LED.

**QBL LED:** 130-000328 (kit comes with  
LED lamp & starter)

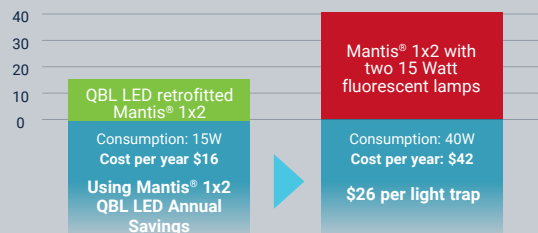
**Convert your Mantis® 1x2s, 2x2s, 15W Uplights, and  
Titan 300 electrocutors to LED systems.**

Transform your fluorescent lamps, starters, and glue boards to  
LED with QBL LED retrofit lamps, starters, and specialty LED  
glue boards. When retrofitting ANY FUVA glue board system to  
LED, use only LED rated glue boards. We recommend the 18"  
LED Glue Board (Black): 135-000245. Sold in packs of 6.

Transformed QBL LED systems provide several advantages:

- Mercury free
- Environmentally sustainable
- 3-year lamp lifespan
- Low power consumption
- Glass free

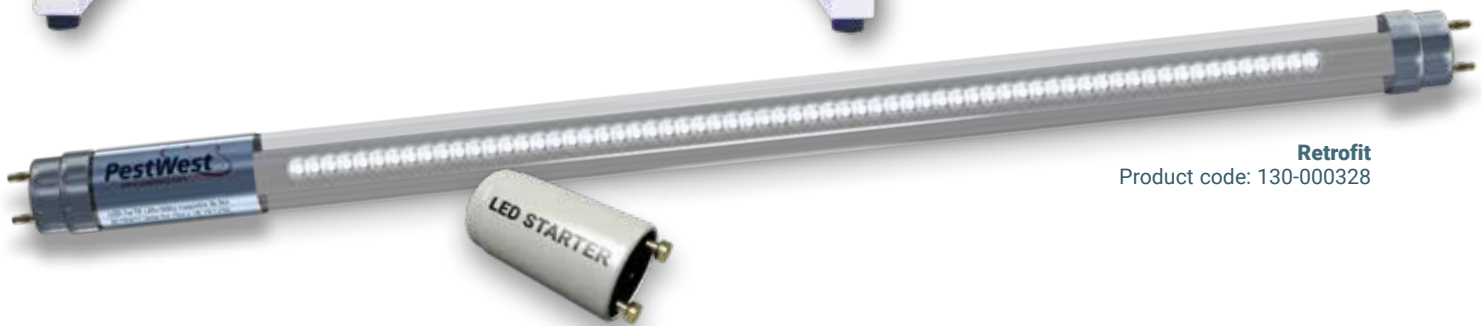
#### Comparison of power consumption in Watts



# Transformative Retrofit Technology



Scan to download  
the LED FAQ.



**Retrofit**  
Product code: 130-000328

Effortlessly transform your Mantis® magnetic ballast, 15W fluorescent lamp systems to LED with the exclusive PestWest LED Lamp Conversion Kit. Transform all your fluorescent lamps to LED. For seamless integration, each retrofit LED lamp includes a dedicated LED starter.

Convert your Mantis 1x2s, 2x2s, 15W Uplights, and Titan 300 electrocutors to energy-efficient LED systems.

When Retrofitting ANY FUVA glue board system to LED, use only LED rated glue boards. We recommend the 18" LED Glue Board (Black): 135-000245. Sold in packs of 6.

## LAMP DATA:

- LED retrofit for 15W T8 18" fluorescent UV-A lamps
- T8 18" 64 diode LED Lamp
- Power consumption - 7W per LED lamp
- 60% reduction in energy consumption
- Wavelength – 365nm (UV-A)
- Operation - 120V Direct or 15W magnetic ballast
- Beam Angle - 120°
- Construction - Metal end caps with glass tube
- Rated Life - Up to 3 years
- Supplied with LED Starter (Required)
- Underwriters Laboratory (UL) listed
- Standard, non-shatter resistant LED lamp

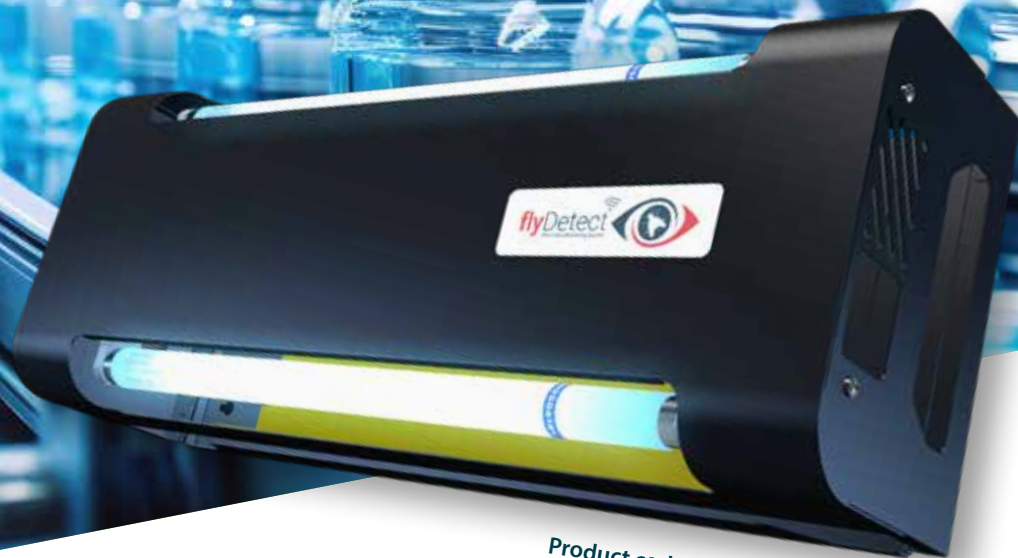


To install your retrofit lamps,  
watch our "how to" video!



flyDetect® - IPM Online  
Monitoring System

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Product code: 125-000482



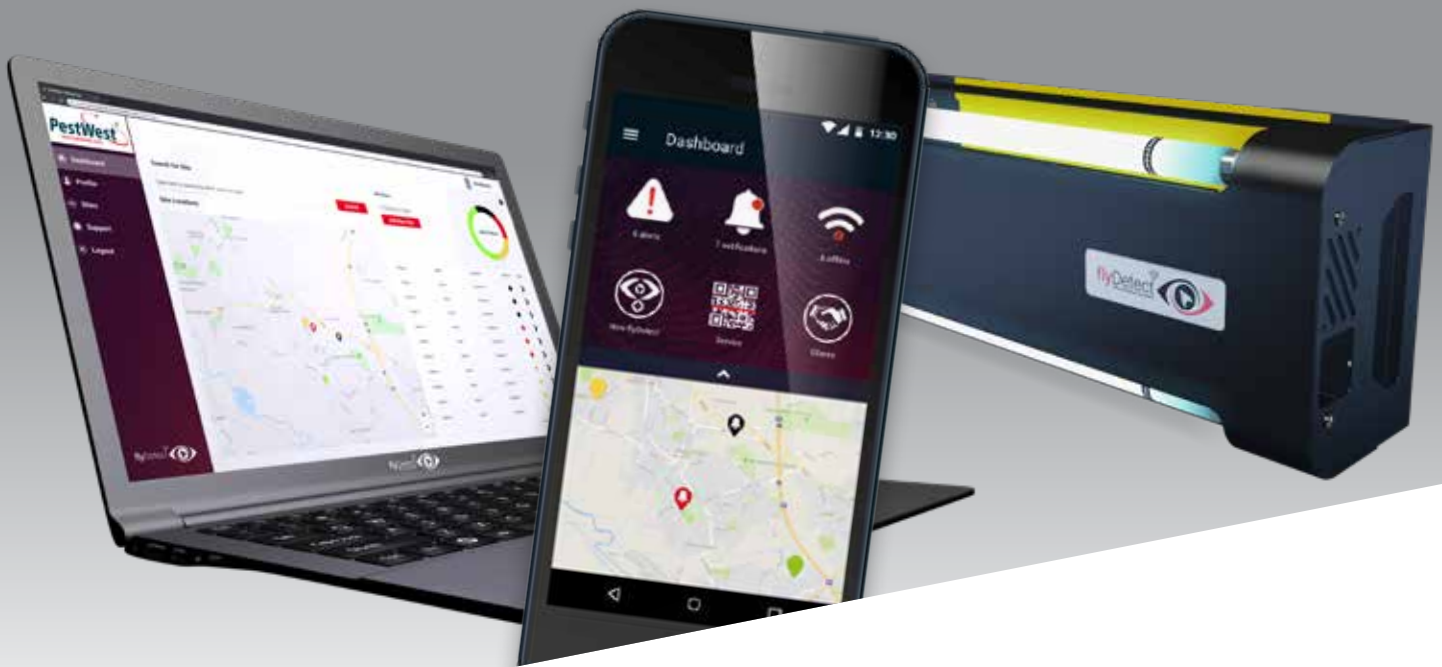
An Early Fly Detection, Intervention &  
Prevention System



Office: 941.358.1983 Web: [ordering.pestwest.com](http://ordering.pestwest.com) Toll free: 866.476.7378

**PestWest**  
[www.pestwest.com](http://www.pestwest.com)

Confidence in  
Fly Control





 **Prioritize trap services to increase production revenue**

 **Proactive fly capture threshold alerts**

 **24/7/365 remote monitoring**

 **Early identification to prevent infestation**

 **Temperature & humidity are recorded alongside each image**

 **Keeping sensitive manufacturing areas in safe hands**

 **Wi-Fi and mobile hotspot connectivity**

 **Real-time capture data facilitates trends analyses and root cause analyses**

 **Dedicated mobile App and web-based portal**

#### DIMENSIONS

H: 8 ¾" W: 23½" D: 5.9"  
H: 22 cm W: 59.5 cm D: 15 cm

#### WEIGHT

10 lb (4.5 kg)

#### PLACEMENT

Wall mounted or suspended

#### FINISH

Black Coated Zintec Steel 

#### SHIPPING INFORMATION

Each Shipping weight: 13.2 lb (6 kg)

#### REPLACEMENT PARTS

130-000173 Shatter-Resistant 25w x 18" T8 QBL - Qty: 2  
135-000209 flyDetect Specialty Yellow glue board

**(Replace ONLY with this glue board for quality image and accurate insect counts)**

Qty required 1 / Sold separately in packs of 6



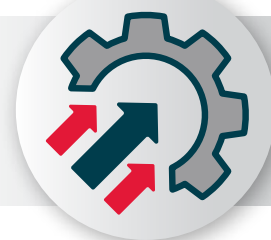
**flyDetect®**  
SCAN FOR VIDEO & MORE



## High quality systems utilizing advanced glue board technology

### EFFECTIVE

PestWest Quantum lamps are uniquely designed for maximum efficacy, which results in 40% more fly attraction versus BL350 lamps.



### DURABLE

Metal construction is UVA resistant, which assures long lasting systems with reliable service.



### ENVIRONMENTALLY RESPONSIBLE

PestWest Quantum lamps are LEAD FREE and low Mercury (Hg).



### ECONOMICAL

Larger, full size glue boards are conveniently interchangeable with most of the Mantis® systems.



### VERSATILE

Available in stainless steel, white, black, or custom finishes, these systems are ideal for sensitive environments such as food processing plants, pharmaceutical facilities, and medical settings.



# Mantis® 1x2

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**AVAILABLE WITH  
RETROFIT  
TECHNOLOGY!  
SEE PAGES 19 - 20**



**Mantis® 1x2 White**  
Product code: 125-000197  
125-000296 (220V – Euro Plug)



**Mantis® 1x2 Black**  
Product code: 125-000315



**Mantis® 1x2 Stainless Steel**  
Product code: 125-000316  
125-000171 (220v - Euro plug, special order)

Shown with optional  
chrome stand (product  
code: 822-000035)\*

These systems can be retrofitted to  
LED using our retrofit LED lamps,  
starters, and 18" LED Glue Boards  
(Black) 135-000245. Sold in packs of 6.



## Slim line design catches all sizes of flying insects

- 2 1/2" depth is ideal for areas where space is limited.
- 2x15 W 18" T8 (1") Quantum Lamps provide 180° of coverage and optimum performance.
- FDA compliant FEP shatter resistant coating for protection in glass-free zones.
- Reflectobakt sleeves extend glue board life.
- Easy to remove bottom tray and drop-down front cover for easy no tool service.

- Available in 110 V and 220 V.
- Add pheromone glue boards to any PestWest ILT glue board to increase attraction for target pests (see pages 57 - 58).
- Convert your Mantis® 1x2s, 2x2s, 15W Uplights, and Titan 300 electrocutors to LED systems.

### DIMENSIONS

H: 12.5" (31.5 cm) W: 19.0" (48.5 cm) D: 2.5" (6.5 cm)

### WEIGHT

10 lb (4.5 kg)

### POSITION

Wall mounted / Freestanding\*

### SHIPPING INFORMATION

Net Unit: 3/Case

Shipping weight: 33 lb (15 kg)  
60/Pallet

### REPLACEMENT PARTS

Standard: 130-000160  
Shatter resistant: 130-000171 Qty: 2



H: 12 1/2" (31.75 cm) W: 19" (48.26 cm) D: 2 1/2" (6.35 cm)

Original: 135-000047 (Black)

Universal: 135-000070 (Black)

135-000064 (White)

Matrix: 135-000063 (Gray)

Plastic: 135-000048 (Black)

Qty required 1 / Sold Separately in pack of 6

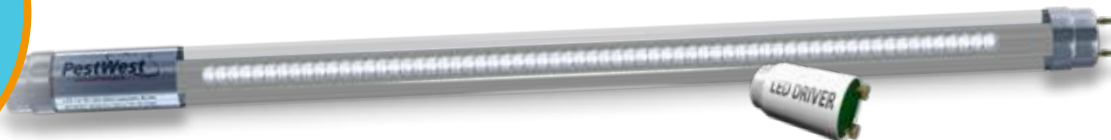
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educational material.





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PestWest Retrofit LED Lamp and starter/driver  
Underwriters Laboratory (UL) listed

**Q: UVA LED lamps are not as bright blue as fluorescent BL UVA lamps, so do LED UVA lamps attract flies?**

A: Yes, UVA LED lamps attract flies even though they are not as bright blue as fluorescent BL UVA lamps. Flies are attracted to the specific wavelength of UVA light from LED lamps, not their visible brightness. You see only a soft brightness from LED lamps, but you can't see the specific UVA light that strongly attracts flies.

**Q: I've got flies everywhere, so what kind of flies will the LED light trap catch?**

A: Small (endophilic) indoor and large (synanthropic) outdoor filth flies.

**Q: What is the input voltage requirement for the PestWest retrofit LED lamp?**

A: The input voltage range is 120-277 V.

**Q: What is the power consumption of the PestWest retrofit LED lamp?**

A: 7 W per lamp.

**Q: What is the beam angle of the light emitted by the PestWest retrofit LED lamp?**

A: 120°

**Q: What is the IP rating of the PestWest retrofit LED lamp?**

A: IP20

**Q: Is the PestWest Retrofit LED lamp shatter-resistant?**

A: No, the lamp tube is transparent glass.

**Q: What are the working environment values for the PestWest LED retrofit lamp?**

A: Working temperature: -4°F to 113°F, storage: -4°F to 149°F, relative humidity: ≤80%, and rated operational life ~3 years.

**Q: Should PestWest LED retrofit lamps be periodically turned-off?**

A: Since some insect pests fly at night, and for optimum results, PestWest LED retrofit lamps should remain-on 24/7/365.

**Q: Can the PestWest retrofit LED lamp be used with an electronic ballast light trap?**

A: No, only magnetic ballast 15W T8 18" fluorescent UVA lamp systems.

# Insect Light Traps (Glue Board Systems)

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## Gray

Product code: 125-000196

Shown with optional chrome stand  
(product code: 822-000035)\*

**MANTIS 1x2**  
**MAX50**

## Maximized 50W power for high insect pressure environments

- 2x25 W 18" T8 (1") Quantum Lamps provide 180° of coverage and optimum performance.
- FDA compliant FEP shatter resistant coating for protection in glass-free zones.

### DIMENSIONS

H: 12.5" (31.75 cm) W: 19.0" (48.26 cm) D: 2.5" (6.35 cm)

### WEIGHT

10 lb (4.5 kg)

### POSITION

Wall mounted / Freestanding\*

### SHIPPING INFORMATION

Net Unit: Each

Shipping weight: 16 lb (7.3 kg)

30/Pallet



Product Code: WMCVEU  
Mantis 220v Euro style power cord



Product Code: WMCVUK  
Mantis 220v UK style power cord

SLIM  
DESIGN

2X25W

DUAL  
VOLTAGE  
110v-220v



REFLECTOBAKT™

- Reflectobakt sleeves extend glue board life.
- Dual voltage electronic ballast is energy efficient and fits 110v-220v environments (specify plug for 220v environment).
- Gray grid matrix board provides density counts for cGMP audits.
- Matching discretion cover available.

### REPLACEMENT PARTS



Standard: 130-000155

Shatter resistant: 130-000173 Qty: 2



Original: 135-000063 (Gray Matrix)

Universal: 135-000070 (Black)

135-000064 (White)

Premium: 135-000047 (Black)

Plastic: 135-000048 (Black)

Qty required 1 / Sold separately in pack of 6





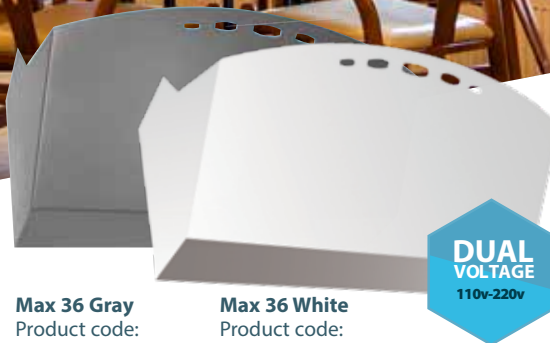
# Insect Light Traps (Glue Board Systems)

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TECHNOLOGY!**  
SEE PAGES 18-19



**Magnolia**  
Product code: 125-000201  
*Ask us about custom wrapping.*



**Max 36 Gray**  
Product code:  
125-000204

**Max 36 White**  
Product code:  
125-000404



**220v Uplight: Magnolia**  
Product code:  
125-000300 (220v - Euro plug)

## Mantis® Uplight

Mantis Uplight  
**MAX36**

### Wall-mounted system for front-of-house areas

- Wall-mounted design for aesthetic blend as well as secondary lighting within public areas.
- The front cover can be painted, wrapped, or decorated to match existing decor.
- Max 36 - 36w Plasma Quantum lamp for more attraction and power.
- Max 36 dual voltage ballast with IEC connection, which is suitable for a 110 V-220 V environment (specify plug for 220 V).

- Deflector reduces wall and surface discoloration.
- Fast & easy service reduces labor costs.
- Ideal for public areas within restaurants, deli's, cafes, bakeries, and many others.
- Available in 110 V and 220 V.



UPLIGHT ONLY

#### DIMENSIONS

H: 8.75" (22 cm) W: 18.5" (47 cm) D: 8.25" (21 cm)

#### WEIGHT

8 lb (8.6 kg)

#### POSITION

Wall mounted

#### SHIPPING INFORMATION

Net Unit: 2/Case

Shipping weight: 18 lb (8.2 kg)

56/Pallet

#### REPLACEMENT PARTS



Standard: 130-000160 (Uplight) 130-000180 (Max 36)  
Shatter resistant: 130-000171  
(Uplight) 130-000181 (Max 36) Qty: 1

**Mantis Uplight**



Original: 135-000047 (Black)  
Universal: 135-000070 (Black)  
135-000064 (White)  
Matrix : 135-000063 (Gray)  
Plastic: 135-000048 (Black)  
Qty required 1 / Sold separately in pack of 6

#### CONVERT TO LED WITH THE PESTWEST RETROFIT LAMP



Product Code: 130-000328

Product Code: WMCVEU  
Mantis 220v Euro style power cord

Product Code: WMCVUK  
Mantis 220v UK style power cord

Office: 941.358.1983 Web: [ordering.pestwest.com](http://ordering.pestwest.com) Toll free: 866.476.7378

**PestWest®**  
[www.pestwest.com](http://www.pestwest.com)

Confidence in  
Fly Control

# Insect Light Traps (Glue Board Systems)

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See the new Sirius X with Quantum® X LED technology on pages 6 - 7.



**Stainless Steel**  
Product code: 125-000374



**White**  
Product code: 125-000373



**Black**  
Product code: 125-000375

## Mantis® Sirius

### Sleek and Stylish

- Superior energy savings of up to 18% versus T8 lamps.
- High frequency electronic ballast significantly reduces energy consumption for optimum UVA emission and flicker-free lamps.
- Innovative 2x14 W 21" T5 (5/8") Quantum Lamps for higher UV output and less glass content.

#### DIMENSIONS

H: 7.5" (19 cm) W: 23.0" (58 cm) D: 4.75" (12 cm)

#### WEIGHT

6 lb (2.7 kg)

#### POSITION

Wall mounted (Horizontal or Vertical)

#### SHIPPING INFORMATION

Net Unit: Each

Shipping weight: 8 lb (4 kg)

SLEEK  
DESIGN

2X14W



- FDA compliant FEP shatter resistant coating for protection in glass-free zones.
- Dual voltage ballast (110 V-220 V) wired with a NEMA 5-15 (US) plug for a 110v environment (can be hard wired to hide the power cord using the punch-out hole in the back of the system).
- **Hard wiring is not related to different voltages; it simply conceals the cord for a sleek, cleaner, and more refined appearance.**

#### REPLACEMENT PARTS



Shatter resistant: 130-000177 Qty: 2



Original: 135-000047 (Black)  
Universal: 135-000070 (Black)  
135-000064 (White)

Qty required 1 / Sold separately in pack of 6



Scan the QR code to  
see Sirius in action.





# Insect Light Traps (Glue Board Systems)

Find us on:  LinkedIn



**White**  
Product code: 125-000297



**Gray**  
Product code: 125-000298



**Black**  
Product code: 125-000299



Sunburst with translucent glue board.

Sunbursts with white glue board. See the image on the right for the translucent glue board look.



## Elegant, decorative table top fly light

- Decorative designs are ideal for front of house use within hotels, restaurants, bars, retail shops, and many others.
- Sunbursts are crafted with steel (available in white, gray, and black).

### DIMENSIONS

Sunburst: H: 12.625" (32 cm) W: 6.25" (23 cm) D: 4.125" (10 cm)

### WEIGHT

Sunburst: 4.2 lb (2.5 kg)

### POSITION

Freestanding table top design / Wall mounted

### SHIPPING INFORMATION

Net Unit: Each

Shipping weight: 8.3 lb (3.8 kg)

63/Pallet

### REPLACEMENT PARTS



Standard: 130-000243

Shatter resistant: 130-000247 Qty: 1



White: 135-000049

Black: 135-000074

Translucent (plastic): 135-000179

Qty required 1 / Sold separately in pack of 3



- 1x18 W CFL lamp is energy efficient.
- Dual voltage ballast with IEC connection is suitable for 110 V-220 V environment (specify plug for 220 V).



Scan the QR Code to see Sunburst in action.



Product Code: WMCVEU  
Mantis 220v Euro style power cord



Product Code: WMCVUK  
Mantis 220v UK style power cord

Office: 941.358.1983 Web: [ordering.pestwest.com](http://ordering.pestwest.com) Toll free: 866.476.7378

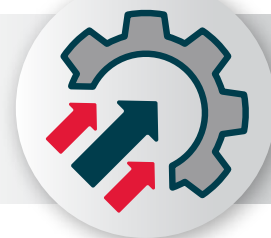


Confidence in  
Fly Control

## Powerful electrocutors with unique safety features for non-sensitive large areas

### EFFECTIVE

PestWest Quantum lamps are uniquely designed for maximum efficacy, which results in 40% more fly attraction versus BL350 lamps.



### DURABLE

Metal construction is UVA resistant, which assures long lasting systems with reliable service.



### SAFETY

Built in safety switch in the front grill, turns the system off if opened for user safety.



### ENVIRONMENTALLY RESPONSIBLE

PestWest Quantum lamps are LEAD FREE and low Mercury (Hg).



### EASY TO USE

Power-on and grid-on warning lights combined with a tool-free guard opening and an easy-clean spring loaded electrocution grid provide inspection at a distance as well as convenient serviceability.





# Electronic Flying Insect Management Systems (Electrocutors)

Find us on:  LinkedIn



White

Product code: 120-000056

# TITAN ALPHA

360°

2X15W



## Compact mass capture power at 360°

- Interception protection for non-food areas of warehouses, kitchens, cafes, shops, and many others.

- 2x15 W 12" T5 (5/8") Quantum lamps.
- Available in 110 V only.

### DIMENSIONS

H: 12.0" (30 cm) W: 13.75" (35 cm) D: 6.0" (15 cm)

### WEIGHT

9 lb (4 kg)

### POSITION

Freestanding / Ceiling-Suspended

### SHIPPING INFORMATION

Net Unit: Each

Shipping weight: 11 lb (5 kg)

60/Pallet

### REPLACEMENT PARTS

Standard: 130-000186

Shatter resistant: 130-000185 Qty: 2



# Electronic Flying Insect Management Systems (Electrocutors)

Find us on:  LinkedIn



**Black Lacquered Steel**  
Product code: 120-000151

# TITAN<sup>200</sup>IP

## Robust Outdoor System

With a splash-proof rating to IPX4, easy installation, and low operational costs, Titan 200 IP's weather-proof design is optimal for ranches, zoos, orchards, golf courses, and many other outdoor areas.

### DIMENSIONS

H: 18.5" (47 cm) W: 11.75" (30 cm) D: 11.75" (30 cm)

### WEIGHT

11 lb (5 kg)

### POSITION

Suspended / Freestanding

### SHIPPING INFORMATION

Net Unit: Each

Shipping weight: 13 lb (6 kg)



### REPLACEMENT PARTS

1 x 18 Watt CFL 4 pin Lamp



Standard: 130-000243

Shatter resistant: 130-000247



IP 4

Protected against water jets from anywhere.  
Dust tight. No ingress of dust.

OUTDOOR

1X18W





# Electronic Flying Insect Management Systems (Electrocutors)

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## White

Product code: 120-000050  
120-000032 (220 V - Euro plug)

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TECHNOLOGY!  
SEE PAGES 18-19

# TITAN<sup>®</sup> 300

360°

2X15W



## Double sided ceiling suspended electrocutor

- 2x15 W 18" T8 (1") Quantum shatter-resistant lamps for 360° coverage and optimum performance.
- FDA compliant FEP shatter-resistant coating for protection in glass-free zones.
- Powder coated white steel durability for years of low maintenance service.

### DIMENSIONS

H: 13.0" (35 cm) W: 19.5" (50 cm) D: 5.5" (14 cm)

### WEIGHT

16 lb (7.5 kg)

### POSITION

Freestanding / Ceiling-suspended

### SHIPPING INFORMATION

Net Unit: Each

Shipping weight: 18 lb (8.2 kg)

40/pallet

### REPLACEMENT PARTS

Standard: 130-000160

Shatter resistant: 130-000171 Qty: 2



### CONVERT TO LED WITH THE PESTWEST RETROFIT LAMP



Product Code: 130-000328

- Ideal for non-food areas in kitchens, retail shops, warehouses, and a wide range of other protected spaces.
- Available in 110 V & 220 V (special order).
- **Convert your Mantis<sup>®</sup> 1x2s, 2x2s, 15W Uplights, and Titan 300 electrocutors to LED systems.**

**Specialty systems designed for area-wide  
protection within wet areas as well as  
potentially hazardous environments (PHE)**

**IP RATED**

Ingress protection (IP) against dust & water.



**DURABLE**

High grade metal constructions built for harsh environments.



**SAFETY**

Compliant with rigorous UL testing standards.



**ENVIRONMENTALLY RESPONSIBLE**

PestWest Quantum lamps are LEAD FREE and low Mercury (Hg),  
for low environmental impact.





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#### White

Product code:  
125-000199  
(220 V - Euro plug, special order)

## Mantis® 4x4

Industrial  
System

4X40W



REFLECTOBAKT®

### Powerful 160 W, 360° UVA attraction paired with 926 in2 of glue board surface for en masses fly capture

- 4x40 W 24" T12 (1.5") shatter-resistant Quantum Lamps for powerful 360° flying insect attraction.

- FDA compliant FEP shatter resistant coating for protection in glass-free zones.
- Reflectobakt® sleeve extends glue board life.
- Industrial size double-sided 926 in2 glue board provides en masse flying insect capture.
- Electronic ballast for energy efficiency.
- Must be hardwired by a licenced electrician.

#### DIMENSIONS

H: 24.5" (62 cm) W: 25.0" (63.5 cm) D: 6.5" (16.5 cm)

#### WEIGHT

26 lb (12 kg)

#### POSITION

Ceiling-Suspended

#### SHIPPING INFORMATION

Net Unit: Each

Shipping weight: 31 lb (14.1 kg)

10/Pallet

#### REPLACEMENT PARTS



Standard: 130-000145

Shatter resistant: 130-000146 Qty: 4



Original: 135-000053 (Double sided)

Qty required 1 / Sold separately in pack of 6



# Specialty Flying Insect Management Systems

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**Stainless Steel**  
Product code:  
125-000200  
(220 V - Euro plug, special order)

## Mantis® 4x4 EX

### Engineered for industrial environments with potential for dust or powder explosions

- Meets FDA, USDA, UL1559 and European safety standard (EN60335-2-59) requirements.
- Independently tested for IP65 (protection against dust and water).
- Compliant with Euro-norm PREN 50281-1-1 for potentially explosive atmospheres as well as EMC standards and NEC Division Code Class II, Division II.

#### DIMENSIONS

H: 24.5" (62 cm) W: 25.0" (63.5 cm) D: 6.5" (16.5 cm)

#### WEIGHT

34 lb (15.4 kg)

#### POSITION

Ceiling-Suspended

#### SHIPPING INFORMATION

Net Unit: Each

Shipping weight: 40 lb (18.1 kg)

10/Pallet



Protected against water jets from any angle.  
Dust tight. No ingress of dust.



REFLECTOBAKT®

- Suitable for Zone 22 areas or atmosphere with combustible dust or powder (EN 50014:1994).
- 4x40W 24" T12 (1.5") shatter-resistant Quantum Lamps deliver 160 W of 360° UVA attraction, paired with a double-sided 926 in<sup>2</sup> glue board for en masse flying insect capture.
- Reflectobakt® sleeve extends glue board life.
- Must be hardwired by a licenced electrician.

#### REPLACEMENT PARTS

Shatter resistant: 130-000146 Qty: 4



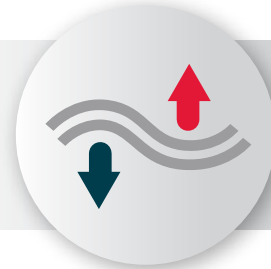
Original: 135-000053 (Double sided glue board)  
Qty required 1 / Sold separately in pack of 6



## Top quality glue boards for your insect light traps

### NO WARPING

Glue boards are double sealed to protect against moisture within steamy or high moisture environments.



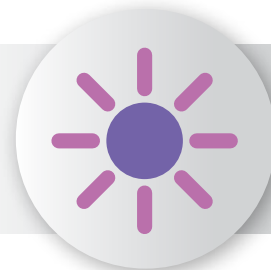
### SPECIAL GLUE

No glue residues on hands or surfaces.



### UV RESISTANT

UVA resistant glue lasts up to 60 days.



### VERSATILE

Replacement glue boards for most insect light traps.





# Replacement Glue Boards and Reflectobakt®



Find us on: LinkedIn

Traditionally, black glue boards have been used in the pest management industry to conceal captured insects. However, as pest management science has advanced, PestWest glue boards have evolved accordingly, prioritizing optimum flying insect capture performance.



## • Classic Premium Glue Board (135-000047)

- Large surface area enhances fly capture capacity.
- Compatible with most Mantis® systems.
- Thick adhesive with moisture-resistant coating minimizes warping.
- Effective for up to 60 days.
- Positioned close to Quantum® UVA lamps for faster flying insect capture.



## • Gray Grid Matrix Glue Board (135-000063)

- Printed grids allow for easy insect capture assessment.
- Retain glue boards to support cGMP documentation.



## • Premium Plastic Glue Board (135-000048)

- Ideal for high moisture areas.



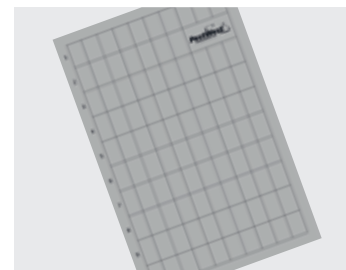
## • Sunburst® White, Black and Translucent Glue Boards

- White glue board: 135-000049
- Black glue board: 135-000074
- Translucent glue board: 135-000079



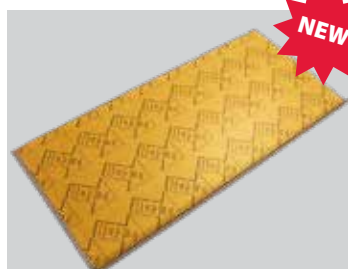
## • 4x4 Glue Board (130-000053)

- Exclusive 926 in<sup>2</sup> glue board for en masse flying insect capture.
- Fits Mantis® 4x4 and 4x4EX systems.



## • Chameleon® EXG Glue Board (135-000050)

- Engineered with fire-retardant material for use in potentially combustible environments.
- Features gray grids for easy and accurate assessment



## • GRAY PLASTIC LED (135-000239)

- Qualis IP replacement glue board, engineered to meet robust Ingress Protection (IP66) standards
- Gray matrix plastic construction, formulated specifically for optimum performance within an IP LED system
- Optimal durability in high-moisture environments



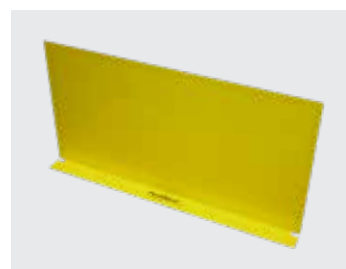
## • 18" LED Glue Board (135-000245)

- Black glue board for use within LED insect light traps (ILTs) using 18" LED lamps.
- Packaged 6 per pack, 25 packs per case.



## • LED Range Specific Glue Board (135-000226)

- Gray matrix glue board engineered for use with the Quantum® X LED ILT range.
- Exclusively for use within LED insect light traps.
- Offers a 12% larger capture area compared to Classic and Universal glue boards.
- Use only this LED-specific replacement glue board for optimal performance.



## • flyDetect® Ultra Yellow Glue Board (135-000209)

- Engineered for use within the flyDetect® system to ensure high quality images and accurate fly counts
- Use only this essential replacement glue board for optimal system performance

**NOTE: Do not throw away Reflectobakt® sleeves! for optimal performance, remove the sleeves from spent lamps and place on your replacement fluorescent lamps. To remove glue or glue residues, apply vegetable oil directly to the affected area(s).**

# Glue Boards for Insect Light Traps

Find us on:  LinkedIn

**Tip:** To maximize IPM value, place Demi-Diamond pheromone glue boards on top of Mantis® and LED glue boards. Enhance glue boards with pheromone monitoring. See page 57.



## GLUE BOARDS FOR INSECT LIGHT TRAPS

PRODUCT	PRODUCT CODE	BOARD DIMENSIONS	PERFORATIONS	PALLET / CASE / NET UNIT	CASE SHIPPING WEIGHT
Universal Glue Board - Black	135-000070	16 3/4" x 9 5/8"	X	1000/25/6-pk	29 lb / 2 lb per 6-pk
Universal Glue Board Black-12 Pack	135-000203	16.75" x 9.625"	x	12/12-pk	29 lb / 3 lb per 12-pk
Universal Glue Board - White	135-000064	16.75" x 9.625"	X	1000/25/6-pk	29 lb / 2 lb per 6-pk
Classic Premium Glue Board - Black	135-000047	16.75" x 9.625"	X	1000/25/6-pk	37.5 lb / 2 lb per 6-pk
Premium Plastic - Moisture Resistant - Black	BOAMAN872	16.75" x 9.625"		1000/25/6-pk	40.5 lb / 2 lb per 6-pk
Gray Grid Matrix	135-000063	16.75" x 9.625"		1000/25/6-pk	35.5 lb / 2 lb per 6-pk
Glue Boards for Chameleon® EXG - Gray	135-000050	23.75" x 16.625"		1440/14/6-pk	43 lb / 3.0 lb per 6-pk
Matrix 4x4 Glue Boards - Gray	135-000053	23.75" x 19.5" 2-Sided		1440/14/6-pk	58 lb / 4.0 lb per 6-pk
Black Boards for the SunDew and Sunburst	130-000049	9.5" x 9.875"		40/3-pk	9.5 lb / 2 lb per 3-pk
Black Boards for the SunDew and Sunburst	135-000074	9.5" x 9.875"		40/3-pk	9.5 lb / 2 lb per 3-pk
Translucent Board allows UVA light to shine through the Sunburst.	Glue Board	9.5" x 9.875"		40/3-pk	9.5 lb / 2 lb per 3-pk
<b>Yellow Glue Board for FlyDetect</b> Engineered for use within the flyDetect® system to ensure high quality images and accurate fly counts.	135-000209	16.75" x 9.625"	X	1000/25/6-pk	37.5 lb / 2 lb per 6-pk
<b>GRAY glue board for the PestWest LED range.</b>  Fits Qualis, On Top Pro X & Sirius X Unique matrix gray glue board (Replace with only this glue board in LED systems for optimal performance)	135-000226	18.875" x 9.625"	X	864/18/6-pk	27 lb / 1.7 lb per 6-pk
<b>BLACK glue board for LED systems with 18" LED lamp.</b>  Replace ONLY with this LED glue board for optimal performance.	135-000245	16.75" x 9.625"		1000/25/6-pk	29 lbs, 2 lbs per 6-pk
<b>Gray plastic glue board for Qualis IP LED</b>  Replace ONLY with this LED glue board for optimal performance.	135-000239	18.875" x 9.625"	X	560/10/6-pk	



# Replacement Universal Glue Boards

Find us on:  LinkedIn

**40%**  
more glue  
board capture  
surface



PestWest® Universal Glue Boards are available in both discreet black and high-resolution white, offering versatile solutions for various monitoring needs. While designed for insect light traps (ILTs), these glue boards have also been effectively used in a wide range of applications beyond ILTs. For user convenience, directions for use are provided in both English and Spanish.

## PestWest Universal glue boards fit these models:

**Universal Black 12-pk: 135-000203**  
New with ready-to-ship cardboard packaging

**Universal Black 6-pk: 135-000070**

**Universal White 6-pk: 135-000064**



**Manufacturers' updates are subject to change without notice.**

\*Does not scroll

\*To prevent the glue board guides from sticking, leave a 1" strip of contact paper on each end of the glue board

\*For more information, please contact PestWest at 941.358.1983

MANUFACTURER	MODEL
AROD	505, 1010, Bugster 30, Cenith PVC/ Aluminum
Atlantic Paste & Glue	910 Mini Dynamite
Atlantic Paste & Glue	911 Dynamite
Atlantic Paste & Glue	Vector Classic
B&G Equipment	Matrix*
Brandenburg	Genus, Eclipse, Orbit, Spectra, FLI
Brandenburg	Cobra, Cobra LED (use 18" LED glue board)
Gardner	MX- 360 Portable
Gardner	GT-200
Gardner	GT-180
Gardner	GT-150
Gardner	WS-75 (wall sconce)
Gardner	WS-85 (wall sconce)
Gilbert	Sticky Fox-225
Gilbert	Sticky Tiger- 219GT
Gilbert	Sticky Bear- 747GT
Gilbert	Sticky Lizard
Gilbert	Leonardo
Gilbert	1999 GT- Flying Venus

MANUFACTURER	MODEL
Insect-o-cutor	GBH362
Insect-o-cutor	GB18
Insect-o-cutor	GBP182
Insect-o-cutor	GBWS252 - Guardian*
Insect-o-cutor	GBP482
JT Eaton	Synergetic
Paraclipse	Insect Inn (original)*
Paraclipse	Insect Inn Ultra I & II ( #72651-3)*
PestWest	Mantis' 1x2 - white & stainless steel
PestWest	Mantis' Uplight & Uplight MAX36
PestWest	Mantis' 1x2 - MAX 50
PestWest	Mantis' 2x2 - white
PestWest	Mantis' Vega & Sirius
PestWest	On Top Pro es
Pelsis	Luralite- Professional 30
Pelsis	Luralite- 18
Pelsis	Satelite-30
Pelsis	The Edge
Pelsis	Intellilight Pro & Standard**



**TO LEARN MORE**  
Scan for video

**Use the black LED replacement glue board to enhance capture performance in LED insect light traps that require 18" LED lamps. (See pages 38 & 39)**

# Full Line of Replacement UVA Lamps

Find us on:  LinkedIn



**100% MORE EFFECTIVE  
40% MORE POWERFUL  
VERSUS STANDARD UVA LAMPS**

## PESTWEST WILL ALWAYS SUPPLY THE VERY BEST!

Scientific studies demonstrate the visual physiology of the House fly, (*Musca domestica*), is highly responsive to 365-370 nm UVA light. PestWest is your best provider of flying insect science. PestWest is your best provider of high quality Mantis® range insect light traps, Quantum 365 nm fluorescent lamps, and fluorescent lamp specific glue boards.

Insect light traps with narrow beam angle point source UVA LED lamps may never possess the fly responsiveness of fluorescent insect light traps. However, PestWest now provides new Quantum® X 370 nm filament UVA LED lamp technology light traps, LED lamps, and specially designed LED glue boards. Additionally, PestWest offers a new retrofit LED lamp for magnetic ballast (starter) 15 W x 18" T8 fluorescent lamp systems.

Studies demonstrate that Quantum® X 370 nm filament UVA LED lamp technology both meets and exceeds fly responsiveness versus fluorescent lamps. We use the highest quality shatter-resistant coating for your protection and optimum insect attraction.

**Note: Lamps must be at ambient or room temperature prior to installation and start-up. Cold fluorescents can collect condensation and slow-start swirl.**

36 WATT PESTWEST QUANTUM PLASMA LAMP



36 WATT QUANTUM PLASMA SHATTER RESISTANT LAMP



## Transformative Retrofit Technology

Convert your Mantis® 1x2s, 2x2s, 15W Uplights, and Titan 300 electrocutors to LED systems.

**STANDARD LED: 130-000328** (kit comes with LED lamp & starter.)



To install your retrofit lamps, watch our "how to" video!



PRODUCT CODE	REPLACEMENT FLUORESCENT LAMPS	DESCRIPTION
TUB09W535/130-000249	50/CS	9W Fly Web CFS, 2 pin
TUB13W458/130-000163	10/CS	13W CFS Quantum fits Sundew 4 pin. <b>Lead-free</b>
TUB14W471/130-000177	25/CS	14W x 21" T5 Quantum SH. <b>Lead-free</b>
TUB15W407/130-000186	25/CS	15W x 12" T5 Quantum. <b>Lead-free</b>
TUB15W467/130-000185	25/CS	15W x 12" T5 Quantum SH. <b>Lead-free</b>
TUB15W429/130-000205	25/CS	15W x 16" T8 Quantum. <b>Lead-free</b>
TUB15W489/130-000206	25/CS	15W x 16" T8 Quantum SH. <b>Lead-free</b>
TUB15W430/130-000160	25/CS	15W x 18" T8 Quantum. <b>Lead-free</b>
TUB15W490/130-000171	25/CS	15W x 18" T8 Quantum SH. <b>Lead-free</b>
TUB15W570/130-000172	25/CS	15W x 18" T8
TUB15W628/130-000241	25/CS	15W x 18" T8
TUB18W521/130-000243	10/CS	18W CFL 4-pin
TUB18W522/130-000247	10/CS	18W CFL SH 4-pin
130-000174	25/CS	18W x 24" T8 Quantum SH (EXG use). <b>Lead-free</b>
TUB20W452/130-000158	25/CS	20W x 24" T12 Quantum. <b>Lead-free</b>
TUB20W512/130-000190	25/CS	20W x 24" T12 Quantum SH. <b>Lead-free</b>
TUB25W430/130-000155	25/CS	25W x 18" T8 Quantum <b>Lead-Free</b>

PRODUCT CODE	REPLACEMENT FLUORESCENT LAMPS	DESCRIPTION
TUB25W490/130-000173	25/CS	25W x 18" T8 Quantum SH <b>Lead-Free</b>
TUB26W521/130-000224	50/CS	26W CFS BL350 2-pin
TUB26W522/130-000225	50/CS	26W CFS BL350 SH 2-pin
TUB36W536/130-000180	50/CS	36W Plasma Quantum Each 4-pin
TUB36W537/130-000181	50/CS	36W Plasma Quantum Each SH 4-pin
130-000234	EACH	40W tight bend
TUB40W650	25/CS	40W x 18" T12 BL350 SH ( <b>32w energy saver</b> )
TUB40W452/130-000145	25/CS	40W x 24" T12 Quantum <b>Lead-Free</b>
TUB40W512/130-000146	25/CS	40W x 24" T12 Quantum SH <b>Lead-Free</b>
130-000269	25/CS	40W x 48" T12 BL368 SH <b>Lead-Free</b>
130-000236	25/CS	40W x 48" T12 BL368 <b>Lead-Free</b>
130-000268	25/CS	36W x 24" T8 Quantum SH <b>Lead-Free</b>

PRODUCT CODE	REPLACEMENT LED LAMPS
130-000321	LED Quantum XT5 21" S/R - NEW - 25 per cs 
130-000328	LED Mantis X Retrofit 18" T8 STANDARD w/smart starter 
130-000336	25/CS 18" QBL LED RETROFIT (SH) Lamp w/smart starte

**REFLECTOBACKT®**  
T5 (5/8"), T8 (1") and T12 (1 1/2") lamps

T5 = 5/8 inch diameter



T8 = 1 inch diameter



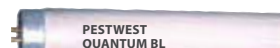
T12 = 1 1/2 inch diameter



For increased efficacy and energy savings, PestWest offers 18 W and 36 W T8 lamps to retrofit 20 W and 40 W T12 lamps.

**PestWest is the only insect light trap manufacturer to offer the the Mad Hatter® Lamp Recycling Box Program. See pages 45 - 46.**

FEP FLUOROPOLYMER COATING



PET



ETHYLENE METHACRYLIC ACID



POLYETHYLENE



SH = Shatter Resistant CFS = Compact Fluorescent Short CFL = Compact Fluorescent Long LED = Light Emitting Diode

**Don't see your lamp listed here? CALL US... 866.476.7378**

Office: 941.358.1983 Web: ordering.pestwest.com Toll free: 866.476.7378



Confidence in  
Fly Control



# PestWest Fluorescent Lamp Reference Chart



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**Manufacturers' updates are subject to change. For more information, please contact us at 941.358.1983.**

Manufacturer	Model	Lamp	# Of Lamps	PestWest Quantum or BL368 lamp Product Code		BL350 lamp Product code	
				Standard	Shatter Resistant	Standard	Shatter Resistant
				Each	Each	Each	Each
Atlantic Paste & Glue	Vector Discreet	26w Lynx 2 pin	1	n/a	n/a	130-000224	130-000225
Atlantic Paste & Glue *	Vector 15/30	15w x 18" T8	1&2	130-000160	130-000171	130-000172	130-000241
Atlantic Paste & Glue	Vector Plasma & Plasma One	36w x 16" 4 pin	2&1	130-000180	130-000181	use Quantum	use Quantum
Atlantic Paste & Glue *	Vector Classic	15w x 18" T8	2	130-000160	130-000171	130-000172	130-000241
Atlantic Paste & Glue *	Vector	15w x 18" T8	3	130-000160	130-000171	130-000172	130-000241
Atlantic Paste & Glue	910 Mini Dynamite (1-15w T5)	15w x 12" T5	1	130-000186	130-000185	use Quantum	use Quantum
Atlantic Paste & Glue	911 Dynamite (2012 model)	25w x 18" T8	2	130-000155	130-000173	130-000167	130-000222
Atlantic Paste & Glue	911 Dynamite (2013 model)	36w plasma	1	130-000180	130-000181	use Quantum	use Quantum
Atlantic Paste & Glue	Silentrapp	13w Lynx	1	130-000163	n/a	n/a	n/a
AROD *	Bugster, bugster 15 & décor, Cenith	15w x 18" T8	1	130-000160	130-000171	130-000172	130-000241
AROD *	Bugster 30 & 30+, (60, 202)	15w x 18" T8	2 & 4	130-000160	130-000171	130-000172	130-000241
AROD *	Thunder	15w x 18" T8	3	130-000160	130-000171	130-000172	130-000241
AROD	Hunter	15w x 12" T5	6	130-000160	130-000171	130-000172	130-000241
Flowtron	FC-4400,4410	40W tight bend (BF-150)	1	130-000234	130-000235	use Quantum	use Quantum
Flowtron	BK80D, FC-4700,4800,4810,7600	40w tight bend (BF-150)	2	130-000234	130-000235	use Quantum	use Quantum
Gardner	MX- 360 Portable, AG-969 (After 2012)	25w x 18" T8	4	130-000155	130-000173	130-000167	130-000222
Gardner	MX- 360 (Prior to 2012)	32w x 18" T12	4	130-000254	130-000256	use BL368 version	use BL368 version
Gardner	Fly Web Classic	9w 2 pin CFS	1		call	130-000249	call
Gardner	GT-225, WS-95	25w x 18" T8	2	130-000155	130-000173	130-000167	130-000222
Gardner	GT-220, ANA-40, iFly 40	20w x 24" T12	2	130-000158	130-000190	130-000144	130-000164
Gardner *	GT-180 & GT-215, iFly, iFly accent	15w x 18" T8	2	130-000160	130-000171	130-000172	130-000241
Gardner	GT-200	32w x 18" T12	2	130-000254	130-000256	use BL368 version	use BL368 version
Gardner	GT-150	25w x 18" T8	1	130-000155	130-000173	130-000167	130-000222
Gardner	GT-480/OR324	36W X 48" T8 New	2	130-000279	130-000279	use BL368 version	use BL368 version
Gardner *	WS-75 & WS-85 (wall sconce)	15w x 18" T8	1	130-000160	130-000171	130-000172	130-000241
Gardner	AG-970(2-40w)	32w x 18" T12	2	130-000254	130-000256	use BL368 version	use BL368 version
Gardner	AG- 969 Wall Mount prior to 2012, AG-961	32w x 18" T12	3	130-000254	130-000256	use BL368 version	use BL368 version
Gardner	AG- 241 Wall or Ceiling Mount	40w x 48" T12	2	130-000236	130-000269	130-000255	130-000237
Gardner	RG1002, AG-661(2-40W), iFly 65	40w x 48" T12	2	130-000236	130-000269	130-000255	130-000237
Gardner	AG-963/970	32w x 18" T12	1	130-000254	130-000256	use BL368 version	use BL368 version
Gilbert	Flying Lion-711, The Don- 601T, Executive- 601E	40w x 48" T12	2	130-000236	130-000269	130-000255	130-000237
Gilbert	Junior- 601TJ, Guerrilla-220, Sticky Fox-225	20w x 24" T12	2	130-000158	130-000190	130-000144	130-000164
Gilbert	Hall Stalker-Ceiling-607, Sticky Bear-747GT	40w x 48" T12	2	130-000236	130-000269	130-000255	130-000237
Gilbert	Night Hawk-705, Night Eagle-Ceiling-60,	40w x 48" T12	2	130-000236	130-000269	130-000255	130-000237
Gilbert	Sticky Tiger-219GT, Sticky Lizard, Leonardo	20w x 24" T12	2	130-000158	130-000190	130-000144	130-000164
Gilbert	2000 (02, 04) GT-Flying Venus	20w x 24" T12	2	130-000158	130-000190	130-000144	130-000164
Gilbert *	1999 GT-Flying Venus	15w x 18" T8	2	130-000160	130-000171	130-000172	130-000241
Insect-o-cutor *	GB18, GBP182	15w x 18" T8	2	130-000160	130-000171	130-000172	130-000241
Insect-o-cutor	GBWS252 - Guardian	25w x 18" T8	2	130-000155	130-000173	130-000167	130-000222
Insect-o-cutor	GBP482	40w x 48" T12	2	130-000236	130-000269	130-000255	130-000237
JT Eaton	Synergetic	15w x 18" T8	2	130-000160	130-000171	130-000172	130-000241
Paradipse	Insect Inn (15") (original)	22w x 15" T12	1 & 2	use BL350 version	use BL350 version	130-000250	130-000251
Paradipse	Insect Inn Ultra I & II (16" #72651-3)	15w x 16" T8	2	130-000205	130-000206	use Quantum	use Quantum
PestWest *	Mantis 1x2, Discretion & Mantis 1x2 IP	15w x 18" T8	2	130-000160	130-000171	130-000172	130-000241
PestWest	Mantis 1x2 Max 50	25w x 18" T8	2	130-000155	130-000173	130-000167	130-000222
PestWest *	Mantis 2x2	15w x 18" T8	4	130-000160	130-000171	130-000172	130-000241

**\*Convert your Mantis 1x2s, 2x2s, 15W Uplights, and Titan 300 electrocutors to LED systems (PC: 130-000328).**

Manufacturer	Model	Lamp	# Of Lamps	PestWest Quantum or BL368 lamp Product Code		BL350 lamp Product code	
				Standard	Shatter Resistant	Standard	Shatter Resistant
				Each	Each	Each	Each
PestWest *	Mantis Uplight	15w x 18" T8	1	130-000160	130-000171	130-000172	130-000241
PestWest	Mantis Uplight Max36	36w plasma	1	130-000180	130-000181	use Quantum	use Quantum
PestWest	On-Top-Pro ES (Ceiling insert)	14w x 21" T5	2	n/a	130-000177	n/a	use Quantum
PestWest	Sirius	14w x 21" T5	2	n/a	130-000177	n/a	use Quantum
PestWest	Mantis Vega	14w x 21" T5	3	n/a	130-000177	n/a	use Quantum
PestWest	Sunburst / Naturale	18w Lynx Lamp 4 pin	1	130-000243	130-000247	use Quantum	use Quantum
PestWest *	TITAN 300	15w x 18" T8	2	130-000160	130-000171	130-000172	130-000241
PestWest	TITAN ALPHA	15w x 12" T5	2	130-000186	130-000185	use Quantum	use Quantum
PestWest	TITAN 200IP	18w Lynx Lamp 4 pin	1	130-000243	130-000247	use Quantum	use Quantum
PestWest	NEMESIS Corner mount	40w x 24" T12	2	130-000145	130-000146	use Quantum	use Quantum
PestWest	NEMESIS Quattro	14w x 21" T5	4	n/a	130-000177	use Quantum	use Quantum
PestWest	MANTIS 4X4 / 4X4 EX	40w x 24" T12	4	130-000145	130-000146	use Quantum	use Quantum
PestWest	Chameleon EXG	18w x 24" T12	2	n/a	130-000174	use Quantum	use Quantum
PestWest	Sirius X, Qualis, Stellaris, OTPX, Nemesis X, LED Lamp	Quantum™ X LED- 13w 21" T5	2	n/a	130-000243	use Quantum X	use Quantum X
PestWest	flyDetect	25w x 18" T12	2	130-000155	130-000173	use Quantum	use Quantum
Pelsis *	Halo 15 & 30 & 45	15w x 18" T8	1 & 2 & 3	130-000160	130-000171	130-000172	130-000241
Pelsis *	Luralite- Professional 30, Satellite-30, Exocutor-EX30	15w x 18" T8	2	130-000160	130-000171	130-000172	130-000241
Pelsis	Luralite-18 (various colors)	18w Lynx Lamp 4 pin	1	130-000243	130-000247	use Quantum	use Quantum
Pelsis	Exocutor- EX40	20w x 24" T12	2	130-000158	130-000190	130-000144	130-000164
Pelsis	Exocutor- 80S	36w x 24" T8	2	130-000267	130-000268	use Quantum	use Quantum
Pelsis	Excalibur - 30w	15w x 18" T8	2	130-000160	130-000171	130-000172	130-000241
Pelsis	Aura	22w Circine	1	130-000191	130-000166	130-000156	n/a
Pelsis	Excalibur-HL080(2-40w)	40w x 24" T12	2	130-000145	130-000146	use Quantum	use Quantum
Pelsis	Excalibur-HL0160(4-40w)	40w x 24" T12	4	130-000145	130-000146	use Quantum	use Quantum
Pelsis	The Edge	30w x 18" T8	1	n/a	use BL350 version	n/a	130-000229
Pelsis *	Intellilight Pro & Standard	15w x 18" T8	3	130-000160	130-000171	130-000172	130-000241
Pelsis/B&G Equipment	Onyx	25w x 18" T8	2	130-000155	130-000173	130-000167	130-000222
Pelsis/B&G Equipment	Vortex	25w x 18" T8	1	130-000155	130-000173	130-000167	130-000222
Pelsis/B&G Equipment *	Flying V	15w x 18" T8	3	130-000160	130-000171	130-000172	130-000241
Pelsis/B&G Equipment	Matrix	25w x 18" T8	4	130-000155	130-000173	130-000167	130-000222
Pelsis/B&G Equipment	FT-2000	40w x 48" T12	2	130-000236	130-000269	130-000255	130-000237
Pelsis/B&G Equipment	FT-4000	40w x 48" T12	4	130-000236	130-000269	130-000255	130-000237
Pelsis/Brandenburg	Genus Eclipse	15w x 12" T5	2	130-000186	130-000185	use Quantum	use Quantum
Pelsis/Brandenburg *	Genus brands, Orbit, Innova, Fli	15w x 18" T8	1 & 2	130-000160	130-000171	130-000172	130-000241
Pelsis/Brandenburg *	Viper 30, Jet	15w x 18" T8	3	130-000160	130-000171	130-000172	130-000241
Pelsis/Brandenburg	Illumé Alpha/ Galaxy	15w x 12" T5	2	130-000186	130-000185	use Quantum	use Quantum
Pelsis/Brandenburg	Illumé Galaxy	25w x 18" T8	2	130-000155	130-000173	130-000167	130-000222
Pelsis/Brandenburg	Spectra/Spectra Compact/Portatrap	36w plasma	2&1	130-000180	130-000181	use Quantum	use Quantum
Orkin *	Orkin 1x3	15w x 18" T8	3	130-000160	130-000171	130-000172	130-000241

**\*Convert your Mantis 1x2s, 2x2s, 15W Uplights, and Titan 300 electrocutors to LED systems (PC: 130-000328).**

### Features and Benefits of PestWest Quantum lamps

- 14,000 hour operational life or 1.6 years
- 100% Lead free for a safer environment
- Available in both standard and shatter-resistant (glass-free zones)
- Shatter-resistant FEP coating will not flake, melt, discolor, or drip
- PestWest offers the new ultra T5 lamps, which can save up to 40% in energy costs (versus T8 and T12 lamps)
- Don't see your UVA lamp? Please contact us: 866.476.7378

All trademarks are property of their respective owners.

Office: 941.358.1983 Web: [ordering.pestwest.com](http://ordering.pestwest.com) Toll free: 866.476.7378



Confidence in  
Fly Control

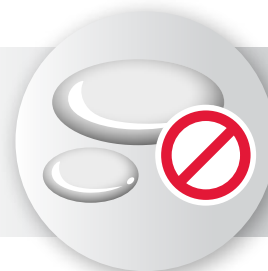




## The Exclusive Mad Hatter® Lamp Recycling Box Program

### SAFE CONTAINMENT OF MERCURY

Mercury (Hg) containing fluorescent lamps are responsibly recycled at a professional recycling facility.



### SAFE CONTAINMENT OF LEAD

Lead containing fluorescent lamps are responsibly recycled at a professional recycling facility.



### COMPLIANT WITH REGULATIONS

Fluorescent lamp recycling regulations vary by location. Recycle correctly and be compliant with local regulations.



### ENVIRONMENTALLY RESPONSIBLE

Prevent heavy metal contamination that is hazardous to both public health and the environment.



### EASY PROCESS

Fill the box, seal the box, label the box, and send the box.





## Prevent heavy metal contamination that is hazardous to both public health and the environment.

Over 500 million spent lamps are discarded into dumpsters each year. This practice is not only illegal but also contributes more Mercury contamination to the environment than any other consumer product.

The Mad Hatter® Lamp Recycling Program offers a cost-effective and responsible solution for preventing contamination. This easy-to-use box program is specifically designed to simplify the recycling of spent lamps. It ensures that smaller quantities of spent fluorescent lamps are recycled in compliance with federal, state, and local regulations.

- One price includes everything you need - saving you hundreds of dollars on your recycling needs
- Convenience for smaller quantities of lamps
- Ideal for facilities with storage limitations - no need to wait for large quantities of lamps to build-up
- Affordable purchase recycling services based on your individual needs

## A single 4-foot fluorescent lamp can contaminate a 20-acre lake. This results in unsafe levels of Murcury in drinking water.

With a single call to PestWest, you can receive the Mad Hatter® box, specifically designed for smaller quantities of lamps. This box includes a return shipping label and complete instructions. Once filled with spent lamps, simply send it back, and you'll receive a certificate of recycling upon completion.

PRODUCT CODE	PRODUCT DESCRIPTION	NET UNIT	SHIPPING WEIGHT
355-000002	Medium box is 8.5" x 8.5" x 48" and holds approximately 60-75 lamps (based on T8/24").	Each	3.5 lb
355-000003	Large box is 12" x 12" x 48" and holds approximately 146 lamps (based on T8/24").	Each	4 lb

**Mercury (Hg) is an essential component of all fluorescent lamps, including "Green Tip" and Compact Fluorescent (CFL) bulbs; therefore, all fluorescent lamps must be properly recycled when taken out of service.**



## SPENT FLUORESCENT LAMP RECYCLING IS AS EASY AS 1-2-3

1.FILL IT

2.SEAL IT

3.SEND IT



## Beneficial Bacteria resource cleaning program for drains, floors, dumpsters, grease traps, and many others

### **BENEFICIAL BACTERIA**

Put billions of bacteria to work with the Bio-Gel+ range of products.



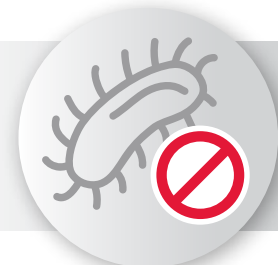
### **BIODEGRADABLE**

Bio-Gel+ leaves behind, water, CO<sub>2</sub>, and a fresh clean scent.



### **NON-PATHOGENIC**

Bio-Gel+ contains soil-based beneficial bacterial species.



### **ENVIRONMENTALLY RESPONSIBLE**

Contains no pesticides nor harsh chemicals.



### **ENVIRONMENTALLY SENSITIVE**

Non-toxic and no-corrosive.





# Bio-Gel®

## Cleaning Products

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## Bio-Gel®

Put beneficial bacteria to work cleaning a wide variety of surfaces and floor drain systems

Biodegradable  
Non-toxic  
Non-pathogenic  
Non-caustic  
Non-corrosive

California Cleaning Product  
Right to Know (SB258)  
Ingredient disclosure:  
FD&C Yellow #5  
(2E)-3,7-dimethylocta-2,6-dienal  
1,4-dioxane  
Oxirane  
For more ingredient information visit:  
<https://us.pestwest.com/bio-gel/>  
Toll free: 866.476.7378

California Cleaning Product  
Right to Know (SB258)  
Ingredient Disclosure:  
Poly(oxy-1,2-ethanediyl), α-undecyl-ω-hydroxy  
Monoethanolamine  
Acrylic resin  
Lemongrass oil  
Tetrasodium ethylenediaminetetraacetate  
For more ingredient information visit:  
<https://us.pestwest.com/bio-gel/>  
Toll free: 866-476-7378

- Synergized bacterial blend effectively removes organic build-ups, such as fats, oils, greases (FOG), carbohydrates, and proteins.
- Reduces foul odors, improves drain flow, and is gentle on all drain lines.
- Thickened formulation is specially designed for optimum surface cling and cleaning within active drains.
- Fresh citrus scent.
- Available in 32 oz. (quart), 128 oz. (gallon), 6 gallon pail, and 55 gallon drum.
- Dilutable with water.



Made in the U.S.A.

PRODUCT	PRODUCT CODE	NET UNIT	SHIPPING WEIGHT
Bio-Gel Quart	620-000002	12/Case	29 lb
Bio-Gel Gallon	620-000004	1 Gal - 4/CS	37 lb
Bio-Gel 6 gal pail	620-000003	Each	53 lb
Bio-Gel 55 gal drum	620-000001	Each	480 lb

# Bio-Gel® Cleaning Products

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## Bio-Gel® Pro Foam

Biodegradable  
Non-toxic  
Non-pathogenic  
Non-caustic  
Non-corrosive

California Cleaning Product  
Right to Know (SB258)  
Ingredient disclosure:  
FD&C Yellow #5  
(2E)-3,7-dimethylocta-2,6-dienal  
1,4-dioxane  
Oxirane  
For more ingredient information visit:  
<https://us.pestwest.com/bio-gel-cleaning-products/bio-gel-pro-foam/>  
Toll free: 866.476.7378

### Foamable formulation for active drains

- High expansion foam with a synergized bacterial blend effectively removes organic build-ups, such as fats, oils, greases (FOG), carbohydrates, and proteins.
- Reduces foul odors, improves drain flow, and is gentle on all drain lines.
- Fresh citrus scent.
- Ready to use with the included foaming trigger.
- Available in 32 oz. (quart) and 128 oz. (gallon).



Made in the U.S.A.

PRODUCT	PRODUCT CODE	NET UNIT	SHIPPING WEIGHT
Bio-Gel PRO FOAM Quart	620-000022	12/Case	29 lb
Bio-Gel PRO FOAM Gallon	620-000023	1 Gal - 4/CS	37 lb





NEW MINT  
FRESH  
SCENT!

## Beneficial bacteria for robust cleaning of disgusting dumpsters

- Bacterially clean all types of trash cans, recycle bins, dumpsters, grease vaults, high rise trash chutes, garbage trucks, compactors and many others.
- Essential oil designed for malodor rescue.
- No scrubbing or rinsing required.
- Fresh scent.
- For indoor and outdoor use.
- Available in 128 oz. (gallon), 5 gallon pail, and 55 gallon drum.

## DUMPSTER GUARD

Biodegradable  
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Non-corrosive

California Cleaning Product  
Right to Know (SB258)  
Ingredient disclosure:  
2-methoxy-4-prop-2-enylphenol  
(2E)-3,7-dimethylocta-2,6-dien-1-ol  
chromen-2-one  
3,7-dimethyloct-6-en-1-ol  
5-chloro-2-methyl-1,2-thiazol-3-one  
1,4-dioxane  
Oxirane  
2-[bis(carboxymethyl)amino]acetic acid  
For more ingredient information visit:  
<https://us.pestwest.com/bio-gel-cleaning-products/dumsterguard/>  
Toll free: 866.476.7378



Made in the U.S.A.

PRODUCT	PRODUCT CODE	NET UNIT	SHIPPING WEIGHT
Dumpster Guard gallon	620-000009	1 Gal - 4/CS	36 lb
Dumpster Guard 5 gal pail	620-000007	Each	45 lb
Dumpster Guard 55 gal drum	620-000008	Each	490 lb



# Bio-Gel®

## Cleaning Products

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MOP  
WATER  
ADDITIVE

### Advanced floor cleaner and mop water additive

- Advanced surfactants blended with superior microbial technology makes this the preferred product for restaurants, hospitality, institutional, and industrial applications.
- Simply add it to the mop water bucket and it goes to work.
- Keeps mop heads fresher for longer.
- Cleans organic debris build-ups that cause foul odors.
- Quick-dry, non-slippery formulation.
- Available in 128 oz. (gallon), 5 gallon pail, and 55 gallon drum.

## Bio-Gel® Pro Klean

Biodegradable  
Non-toxic  
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Non-caustic  
Non-corrosive

California Cleaning Product  
Right to Know (SB258)  
Ingredient disclosure:  
Ethanol  
Sodium/4-dodecan-3-ylbenzenesulfonate 1,4-dioxane  
5-chloro-2-methyl-1,2-thiazol-3-one  
(2E)-3,7-dimethylocta-2,6-dienal  
2-methyloxirane  
1,4-dioxane  
Oxirane  
For more ingredient information visit:  
<https://us.pestwest.com/bio-gel-cleaning-products/bio-gel-pro-klean/>  
Toll free: 866.476.7378



Made in the U.S.A.

#### PRODUCT

Bio-Gel PRO KLEEN gallon  
Bio-Gel PRO KLEEN 5 gal pail

#### PRODUCT CODE

620-000005  
620-000006

#### NET UNIT

1 Gal - 4/CS  
Each

#### SHIPPING WEIGHT

37 lb  
45 lb



## An east-to-use organic waste reduction system

- An easy-to-use system to reduce organic wastes in barns, coops, stalls, manure piles, houses, kennels, cages, litter bedding, sewer drains, municipalities, towns, cities, and waste water treatment plants (land and cruise ship based).
- Reduces foul odors from lagoons and retention ponds.
- Bacillus and Pseudomonas bacterial blends to digest resistant biomasses.
- Bacteria possess exceptional lipase, protease, amylase, cellulase, urease, pectinase, and chitinase enzyme production.
- Digestion and reduction of fats, carbohydrates, proteins, celluloses, and starches.
- Formulated on a food-base to jump start the binary fission process.
- Available in 15 lb Bulk (**Blue lid**) and 30-8 oz. water soluble throw packs (**Green lid**).

## Bio-Gel® MICROBLEND G

Biodegradable  
Non-toxic  
Non-pathogenic  
Non-caustic  
Non-corrosive

California Cleaning Product  
Right to Know (SB258)  
For more ingredient information visit:  
<https://us.pestwest.com/bio-gel-cleaning-products/bio-gel-microblend-g/>  
Toll free: 866.476.7378



Made in the U.S.A.

PRODUCT	PRODUCT CODE	NET UNIT	SHIPPING WEIGHT
MICROBLEND G	620-000019 (30-8oz BAC-PAC's – <b>Green lid</b> )	Each	15 lb
MICROBLEND G	620-000018 (15 lb Bulk – <b>Blue lid</b> )	Each	15 lb

Special Order



# VitalOxide

## Cleaning Products

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# VitalOxide

**NEW**

Vital Oxide is an EPA Registered hospital disinfectant, cleaner, mold controller and super effective odor eliminator

- Vital Oxide is proven to inactivate or kill a broad spectrum of viruses and bacteria-without contributing to "super bug" mutations.
- In 60 seconds, Vital Oxide eliminates 99.99% of bacteria.
- Free from volatile organic compounds (VOCs) and completely fragrance-free, it is safe for use on food-contact surfaces and will not affect the taste of food.

- Effectively neutralizes pungent vomite, urine, and fecal odors.
- Vital Oxide eliminates tough odors caused by smoke, trash, septic systems, stale cooking, and many more. Effectively neutralizes pungent vomite, urine, and fecal odors.
- Vital Oxide can be used in HVAC systems and air ducts to control non-pathogenic microorganisms, including odor-causing bacteria, mold, and fungi.
- Vital Oxide versatility makes it suitable for both hard and soft surfaces. In addition to eliminating tough odors, it is a proven sanitizer for soft surfaces when applied as a spot treatment. Ideal for use on couches, chairs, curtains, vehicle interiors, and other fabric-covered surfaces.
- For indoor use in and around pets and people. Use in compressed air sprayers, trigger sprayers, wipes and ULV applications.

#### PRODUCT

VitalOxide 32 oz Trigger Spra  
VitalOxide 1 Gallon Bottle  
VitalOxide 5 Gallon Pail  
VitalOxide 55 Gallon Drum

#### PRODUCT CODE

600-000187  
600-000188  
600-000189  
600-000190



# Bio-Gel® Cleaning Products

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Effectively eliminates stains from urine, feces, and blood as well as malodors from cats, dogs and many other animals

- Bacterially-based formula produces enzymes when in contact with pet messes.
- Reduces urine, feces, and blood.
- Binds to malodor molecules to provide a pleasing fresh scent (not a masking agent).
- Works on pet bedding, carpets, in vehicles, in public toilets, in and around hospitals, veterinary clinics, assisted living facilities, and many other locations.



Made in the U.S.A.

## Piddle Pal™

- Great as a value add-on.
- Targeted urine, feces, odor destroyer.
- Tough on strong dog urine and the yellow, sticky residue.
- Freshens with a light, fresh pleasing scent.
- Safe to use on carpets, hard floors, furniture, fabrics and more.
- Flip top and ready to use container.
- Test in an inconspicuous area prior to broad use.

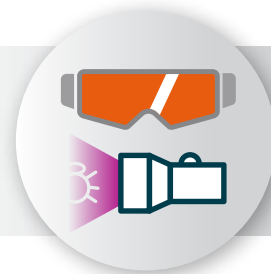
California Cleaning Product  
Right to Know (SB258)  
Ingredient disclosure:  
Benzoic acid, 2-hydroxy-,phenylmethyl ester  
1,6-Octadien-3-ol, 3,7-dimethyl  
2-Benzylideneoctanal  
3,7-dimethyloct-6-en-1-ol  
(2E)-3,7-dimethylocta-2,6-dien-1-ol  
2-(4-tert-Butylbenzyl) propionaldehyde  
Benzyl alcohol  
5-chloro-2-methyl-1,2-thiazol-3-one  
2-[bis(carboxymethyl)amino]acetic acid  
1,4-dioxane  
Oxirane  
For more ingredient information visit:  
<https://us.pestwest.com/bio-gel-cleaning-products/piddle-pal/>  
Toll free: 866.476.7378

PRODUCT	PRODUCT CODE	NET UNIT	SHIPPING WEIGHT
Piddle Pal quart	620-000011	12/CS	28 lb

**Integrated pest management is a programmatic approach, which embraces a cyclical process of inspection, assessment, and control**

**INSPECT**

Inspect for conducive conditions that sustain pest populations and the subtle evidences of pest activity.



**ASSESS**

Assess for pest identifications and tolerance levels.



**CONTROL**

Control pests through behavioral, physical, mechanical, bio-rational, and chemical methods, while monitoring control methods to evaluate effectiveness.



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TO LEARN MORE

Scan the QR code to view



Also sold separately for training purposes

The CSI Kit uses a specialty blue light in conjunction with orange goggles to contrast proteins from bed bugs, blood, feces, caste “skins” and eggs

- Reduce your inspection time by hours, use blue-light with orange goggles to visualize latent signs and other physical infestation evidence.
- The 455 nm LED flashlight is constructed with aerospace-grade aluminum and a tempered Pyrex Lens with Mil-Spec Type III hard-anodizing (shock-tested with a 10’ drop test).
- Rechargeable battery.
- Bed Bug life cycle disc contains actual eggs, nymphs, and both female and male adults (view at a glance for a real example of the bed bug life cycle).

**Cut your inspection time by hours! Use the CSI Kit to inspect for subtle evidences of insects, rodents, and urban wildlife pests.**

## Contrasting Specimen Inspection (CSI) Kit

### Professional Bed Bug and Pest Detection

**Kit includes:**

- One (1) blue high intensity 455nm rechargeable flashlight (note: flashlight model may vary)
- One (1) pair of orange filter premium goggles
- One (1) pair of needle nose forceps
- Three (3) specimen 4x magnifiers
- Live hinge carrying case
- One (1) Bed Bug specimen life cycle ID disc
- Replacement components are readily available

PRODUCT	PRODUCT CODE	Qty/Case	SHIPPING WEIGHT
CSI Kit	110-000333	Each	4 lb
Replacement flash light and charger	820-000051	Each	2 lb
Replacement goggles	823-000100	Each	1 lb
Replacement bed bug ID	340-000081	Each	1 lb
Replacement battery 2200mAh	820-000047	Each	1 lb





**while  
supplies  
last!**

## Fluorescent lamps stop producing UV light long before their visible blue light declines

The PestWest UV-A Meter is easy-to-use, enabling you to monitor the condition and quality of fluorescent UVA lamps within any ILT system.

### **PestWest** **UV-AMETER**

- The pocket size UV-A Meter is the perfect tool, measuring ambient light first, then accurately measuring the UVA directly from your system.
- Who knows when inherited ILT fluorescent lamps were last changed.
- Measures UV-A intensity from fluorescent insect light traps within inherited accounts.
- Depending upon environment of operation, fluorescent lamps require annual replacement.
- Measures fluorescent lamp UV-A only.
- Not calibrated for LED UV-A measurement.

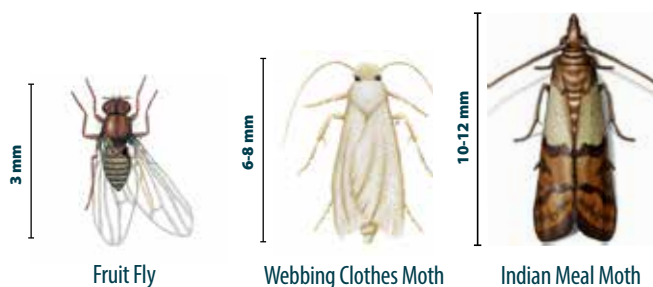
PRODUCT	PRODUCT CODE	NET UNIT	SHIPPING WEIGHT
UV-A Meter	UVAMETMK11/325-000038	Each	1 lb



## AF DEMI DIAMOND® & PHEROMONES

Cost effective walk-by monitoring systems for Fruit Fly, Indian Meal Moth or Webbing Clothes Moth.

- Cost effective, reusable, and cleanable stations.
- Walk-by-inspection placement sites.
- Three combo packs are ready-to-use (Fruit fly, IMM pheromone, and WCM pheromone).
- Plodia and Esphestia glue boards provide slow release pheromone technology.
- 30 ml reservoir for target pest lures.
- Add pheromone glue boards to PestWest ILT glue boards to enhance attraction, capture, and monitoring.
- Glue board contrast colorations provide easy ID.
- Moth glue boards feature a grid pattern to assist in trends analyses.
- Ideal for food processing plants, warehouses, hospitals, clinics, supermarkets, pet stores, restaurants, delis, convenience stores, schools, residential homes, and many others.



PRODUCT	PRODUCT CODE	DD STATIONS/GB LURES	SHIPPING WEIGHT
AF Demi-Diamond® Fruit fly Combo Pack	DD000/ 110-000237	10/50	1lb
AF Demi-Diamond® IMM Combo Pack	110-000575	10/20	1lb
AF Demi-Diamond® WCM Combo Pack	110-000574	10/20	1lb
AF Demi-Diamond® Fruit Fly Glue Boards	DD100	2 x 50 packs / 100 per box	1lb
Stored Product Pest Lure (Indian Meal Moth)	DD200	10 x 10 packs / 100 per box	1lb
Tineola/Webbing Clothes Moth Lure	110-000167	10 x 10 packs / 100 per box	1lb
AF Demi-Diamond® Bulk Stations Only (CLEAR)	110-000168	50 per box	1lb
AF Demi-Diamond® Bulk Stations Only (BLUE)	110-000151	50 per box	1lb
Cluster Fly Lure	110-000606	10/pack	1lb





## Cluster Fly Lure

A pure synomone attractant absorbed on a paper coaster sealed within a peelable pouch provides easy placement within most passive or pitfall monitoring traps. With Cluster Fly Lure, convert a passive trap to a very active trap, or add to any insect light trap.

PRODUCT	PRODUCT CODE	NET UNIT	SHIPPING WEIGHT
Cluster Fly Lure	110-000606	Each - 10 x discs	2 lb

## Asian Lady Beetle Lure

A powerful calling-behavior pheromone attractant absorbed on a paper coaster sealed within a peelable pouch provides easy placement within most passive or pitfall monitoring traps. With Asian Lady Beetle Lure, convert a passive trap to a very active trap, or add to any insect light trap.

PRODUCT	PRODUCT CODE	NET UNIT	SHIPPING WEIGHT
Asian Lady Beetle Lure	110-000618	Each - 10 x discs	2 lb



# Parts & Accessories

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PRODUCT	PRODUCT CODE	BRIEF DESCRIPTION	NET UNIT	SHIPPING WEIGHT
Discretion cover for the Mantis® 1x2 - Stainless steel	802-000281	Conceals catch on 1x2 Stainless Steel	Each	2 lb
Discretion cover for the Mantis® 1x2 - White	802-000274	Conceals catch on 1x2 White	Each	2lb
Discretion cover for the Mantis® 1x2 - Black	802-000503	Conceals catch on 1x2 Max 50	Each	2 lb
Discretion cover for the Mantis® 1x2 - Gray	802-000425	Conceals catch on 1x2 Max 50	Each	2 lb
Chrome stand	822-000035	Portable chrome stand	Each	2 lb
Gray bottom tray for the Mantis Max 50	822-000028	Complete w/spring clip	Each	1 lb
Stainless steel tray for the Mantis 1x2	822-000029	Complete w/spring clip	Each	1 lb
White bottom tray for the Mantis 1x2	822-000023	Complete w/spring clip	Each	1 lb
White bottom tray for the Mantis 2x2	822-000032	Complete w/spring clip	Each	1.5 lb
Mantis® front guard - chrome ( 1x2 & MAX50 )	802-000261	Chrome front guard for Mantis	Each	1 lb
Mantis® front guard - stainless steel ( 1x2 SS )	802-000263	S.S. (inhibits rust) front guard for Mantis	Each	1 lb
Mantis® Lamp holder SET	820-000055	One set per lamp/tube	1 set = 3 pcs	1 lb
Series starter S22	800-000292	starters series 22 watt for Mantis systems	Each	1 lb
Spring clip for all Mantis® bottom trays	821-000213	One spring clip per tray	Each	1 lb
Stainless Steel Bubble Cover for the Sundew	802-000272	Replacement front cover	Each	1 lb
T12 (1 1/2") x 24" Aluminum lamp reflecktobakt®	802-000353	Prolongs glue board life	Each	1.5 oz
T8 (1") x 18" Aluminum lamp reflecktobakt®	802-000355	Prolongs glue board life	Each	1 lb
T5 (5/8") x 21 Aluminum lamp reflecktobakt®	802-000354	Prolongs glue board life	Each	1 lb
White mounting bracket - Mantis® 1x2	802-000206	Mounts the 1x2 to the wall	Each	1 lb
CSI Kit Bed bug ID	340-000081	Bed bug life cycle specimen Disc	Each	1 lb
CSI Kit Flash light and charger	820-000051	CSI Kit replacement	Each	2 lb
CSI Kit Goggles	823-000100	CSI Kit replacement	Each	1 lb
CSI Kit Battery (2200mAh)	820-000047	CSI Kit replacement	Each	1 lb
Free standing kit for Mantis® 2x2	822-000043	Add-on kit for Mantis® 2x2	Each	3 lb
110v - 240v LED Driver	800-000820	Replacement driver for the Qualis, Sirius X, OPT X, Stellaris, EXG X, and Nemesis X.	Each	1 lb

# Frequently Asked Questions

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## Q: Are LED UVA lamps more effective in capturing flying insects?

A: PestWest single peak wavelength retrofit LED and Quantum® X LED filament lamps provide flying insect attraction and capture that both meets and exceeds (respectively) that of conventional fluorescent UVA lamps. Additionally, LED lamps provide up to a 3-year insect attraction life vs. about 1 year for conventional fluorescent UVA lamps.

## Q: Will the LED light traps catch Fruit flies?

A: The opsin (light sensitive) protein R4 (Rh4), in Fruit fly, *Drosophila melanogaster*, is sensitive to the UVA light range, particularly around 370nm. Opsin proteins are key in photoreception, contributing to the ability of *Drosophila* to respond to different light wavelengths.

## Q: Does the Quantum® X LED UVA lamp emit bright points of light like Surface Mounted Device (SMD) LEDs?

A: The emitted UVA light does not dazzle and will not disturb people within the vicinity of the system. The softer visible light intensity results in improved flying insect captures (high light intensity = ineffective fly attraction). Additionally, a comparatively high hertz frequency (cycles/second) or a non-flickering of the lamp, optimally increases flying insect attraction, capture, monitoring, assessment, and control.

## Q: UVA LED lamps are not as bright blue as fluorescent BL UVA lamps, so do LED UVA lamps attract flies?

A: Yes, UVA LED lamps attract flies even though they are not as bright blue as fluorescent BL UVA lamps. Flies are attracted to the specific wavelength of UVA light from LED lamps (not visible brightness).

## Q: Does the Quantum® X LED UVA lamp get hot?

A: As LEDs convert 80% to 90% of energy directly into light, very little heat is produced. However, the Quantum® X LED lamp is engineered with a state-of-the-art Argon gas cooling system (far superior to traditional LED lamp Aluminum (Al) heat sinks).

## Q: Do Quantum® X LED UVA lamps offer as much flying insect attraction as fluorescent UVA lamps?

A: With novel LED filament technology, PestWest has succeeded in keeping the attraction effect of emitted 370 nm (single peak wavelength) UVA light exceedingly competitive with conventional fluorescent UVA lamps.

## Q: How effective are the two Quantum® X lamps within the Mantis® Qualis LED system?

A: Through independent testing, the Mantis® Qualis LED system caught an average of 91.2 House flies (out of 100 released) over a 3-hour period.

## Q: Why don't I change my LED lamps every year like fluorescent lamps?

A: Unlike fluorescent UVA lamps, LED UVA lamps work efficiently through electroluminescence (electricity to light) and have a much longer lifespan. Quantum® X LED lamps and PestWest retrofit LED lamps only need to be replaced once every three years due operational service life and reliable performance.

## Q: Are Quantum® X lamps shatter-resistant?

A: Quantum® X lamps feature quality FEP shatter-resistant coating, which is heat-tolerant, while allowing maximum LED UVA light emission.

## Q: Under pest control as a cGMP, are Quantum® X LED systems compliant?

A: Quantum® X LED systems are compliant and assist in the identification and monitoring of flying insects.

## Q: Do Quantum® X LED systems capture other flying insects?

A: Many other insect pests are capable of flight and will be attracted and captured. Therefore, pursuant to pest control best practices, trend analyses, and root cause analyses, it is important to assess LED glue board insect captures.

## Q: Can LED UVA insect light traps be used outdoors?

A: PestWest LED UVA insect light traps are for indoor use only.

## Q: What is the purpose of the PestWest retrofit LED lamp?

A: To convert Mantis® range magnetic ballast 15W T8 18" fluorescent UVA lamp systems to LED. Additionally, easily convert any other manufacturers' magnetic ballast 15W T8 18" fluorescent UVA lamp system.

## Q: Is the retrofit LED lamp UL listed?

A: Yes, the PestWest Retrofit LED lamp is Underwriters Laboratory (UL) listed, indicating it meets specific safety testing standards.



How to install the Retrofit LED lamp



Discover more

PESTWEST® PROFESSIONAL  
FLYING INSECT MANAGEMENT PRODUCTS  
RESOURCE GUIDE



ALL PESTWEST FLYING INSECT SYSTEMS INCLUDE  
A 3-YEAR WARRANTY (EXCLUDES LAMPS AND GLUE BOARDS).



SCAN THE QR CODE TO REGISTER YOUR 3-YEAR WARRANTY OR VISIT  
[HTTPS://SUPPORT.PESTWEST.COM/PESTWEST-WARRANTY/](https://support.pestwest.com/pestwest-warranty/)



**WARNING:**  
Cancer and/or Reproductive Harm  
[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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Confidence in  
**Fly Control**