

# Genus<sup>®</sup> | ORBIT INNOVA

UNIQUE GERMICIDAL PROPERTY  
FOR CLINICALLY SENSITIVE AREAS



Taking high performance fly catching to the next level by introducing germicidal properties to dramatically reduce airborne pathogens.

- Proven to reduce major bacteria and viruses including E-coli, salmonella and listeria
- 2.4 x more UVA output and 186% more fly catch\*
- Translucent Technology™ increases UVA dispersal and catch
- Fully hinged front door and quick release cover for easy servicing
- Designed and manufactured in the UK

\*Compared to conventional non translucent ILTs of a similar power



**Brandenburg**  
CREATING BETTER

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# Genus® ORBIT INNOVA



## APPLICATIONS

- Hospitals and Clinics
- Food Laboratories
- Clean Rooms
- Blood Laboratories
- Pharmacies
- Medical Device Industries

**Genus® Orbit Innova incorporates high performance flying insect control with an integrated pathogen reduction system for reduction in airborne germs, a level of protection never seen before in flying insect control.**



Genus® Orbit Innova features Brandenburg's proprietary Translucent Technology™ (TT™), a UV propagation system that increases the distribution of UVA dispersed from the Insect Light Trap. TT™ disperses UVA at an intensity of 2.4 times greater than a similar powered non translucent ILT.

Unlike conventional ILTs, Genus® Orbit Innova disperses UVA from the top, front, and sides, creating an all round attraction window. Efficacy tests have shown that this increased dispersion aids Genus® Orbit Innova in catching more flies than non translucent ILTs of both similar and higher power. Within the first 30 minutes, Genus® Orbit Innova caught 186% more flies than similar powered non translucent ILTs.

Flies caught on the glue board of an ILT continue to harbor bacteria and viruses. As the body of the fly decomposes, these pathogens multiply and are released into the air over time. Genus® Orbit Innova features pathogen reducing technology to enable the reduction of airborne pathogens and bacteria as air passes through the ILT.

Independent tests have proven Genus® Orbit Innova to be effective at reducing fungal emissions by 95% and bacterial emissions by 65%, a level of protection never seen before from an insect light trap.

### Features and Benefits

- Integrated airborne pathogen protection
- Built in safety cut-off feature when replacing pathogen reduction lamp ensuring the user is not exposed to the UVC radiation
- Translucent Technology™ provides 2.4 times more UVA output and 'all-round' attraction
- 3 x 15 Watt UVA sleeved lamps and internal reflector panels for powerful, effective coverage in every space
- Quick and easy, both hands-free servicing of consumables
- Large, fully grid-marked glue boards for maximum catch area and HACCP compliance
- Built in pheromone tray to hold attractants for fly species not attracted by UVA light

**Patented Translucent Technology™**  
Creates faster fly catch and improves food safety.

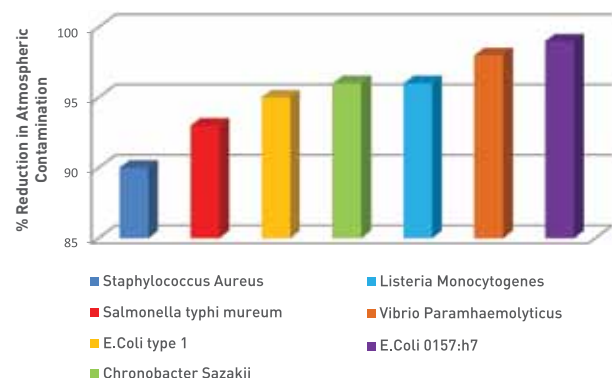
**Non-translucent unit**  
Limited range of attraction



**Translucent unit**  
All round attraction



### Reduction in Atmospheric Contamination over 48 hours



Order Code	Description	Dimensions mm (H x W x D)	Weight	Lamps
ORB45-1T2012-XXX	Genus® Orbit Innova	336 x 538 x 132	4.75 kg	3 x 15 W and 1 x 15 W UVC



#### BRANDENBURG UK LIMITED

29 Navigation Drive  
Hurst Business Park,  
Brierley Hill, West Midlands  
DY5 1UT, UK

Phone: +44 (0) 1384 472 900  
Fax: +44 (0) 1384 472 911  
Email: sales@b-one.com  
Web: www.b-one.com