



Clean Beam's aspiration is to improve health through the eradication of bacteria and pathogens from all consumption channels

DELIVERING A HIGHER SAFETY STANDARD IN FOOTWEAR SANITIZATION

Clean Beams' DryZap!™ technology is the 1st of its kind in footwear sanitization using pulsed ultraviolet light (PUV) technology to fully eliminate harmful bacteria and pathogens.

10,000 times
more effective
than current product
offerings

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6-log
reduction
in live bacteria²

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100%
elimination
of live *Listeria*
samples²

The Problem!

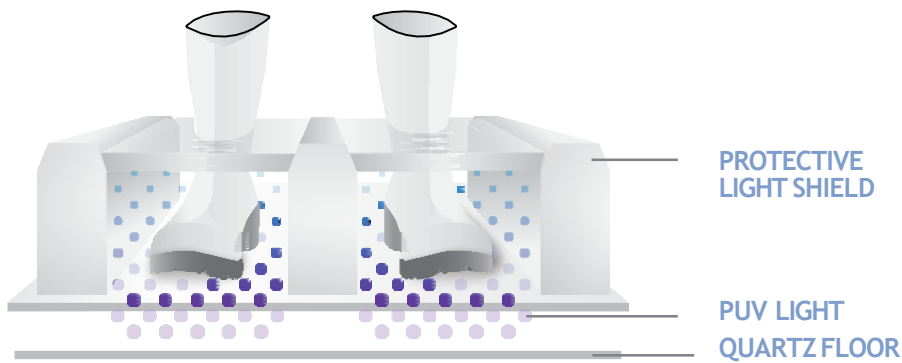
- Foot traffic is one of the least managed and most uncontrolled material breaches
- The CDC estimates that 48,000 people will get sick each year from food borne illness, 128,000 hospitalized and 3,000 will die
- \$55 billion dollars is the estimated cost to US businesses in food safety losses

The Clean Beam Solution!

- Clean Beam DryZap!™ technology is exponentially more effective in killing bacteria and pathogens than any other method on the market
- Safe - Dry and Chemical Free
- Easy to maintain
- Complete solution including on-site design, installation and training
- 3 seconds ... that's all it takes to achieve a 6-log reduction in bacteria, spores and mold



How it Works!



It's Safe!

- Pulsed Ultraviolet Light is FDA approved for direct food applications
- Dry, Chemical Free, Powder Free
- Better for your people, product and production areas

It Informs!

- Clean Beam DryZap!™ technology monitors usage through our data platform
- Using the optional RFID Card Reader or Fingerprint Options allow you to understand and control foot traffic
- Data collected will meet your audit, compliance and reporting needs

It's Easy!

- A virtually maintenance free solution
- A few simple wipes of the quartz glass platform is all it needs for daily maintenance
- PUV bulbs offer a 500 hour half life and are easily serviceable

It Works!

- A proof of concept study performed by the Institute of Food Safety and Health validated that our DryZap!™ pulsed ultraviolet light methodology produced a 6-log reduction from the soles of footwear

Pilot Client Testimonial

“We piloted Clean Beam’s foot sanitization solution in one of our plants - it performed better than expected. We swab over 1000x/month and showed a significant reduction in micro results in our environmental monitoring program. Before installation, we had concerns about employee acceptance and traffic flow. After a few days, it was just a normal operating procedure - no resistance whatsoever! “

**Quality Executive in the Dietary Supplement and Nutritional Foods Industry

To learn more about the technology, results and what others are saying, visit www.clean-beam.com.



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¹Compared with leading competitor

²Woodling, S.E. and C.I. Moraru. 2005. Influence of Surface Topography on the Effectiveness of Pulsed Light Treatment for the Inactivation of *Listeria innocua* on Stainless-steel Surfaces. *Journal of Food Science*. 70(7):M345-M351.

³Food Safety. (2018, February 16). Retrieved June 29, 2018, from <https://www.cdc.gov/foodsafety/foodborne-germs.html>