

Sealed Lighting for Tough Industry Standards



Location: Lyons, GA
Details: U.S. Pet Nutrition
Engineer: Andrews, Hammock & Powell

“These lights are perfect for the production plant. Their powder-coated finish and durability make wash down easy and minimize maintenance.”

- Tom Ray
Director of Engineering, U.S. Pet Nutrition

Project Summary

Challenge: Lighting for a food processing facility that can meet rigorous industry standards.

Solution: SimpleSeal™ dependable, sealed lighting that meets, and even exceeds, tough industry standards, such as NSF listings and IP65 ratings.

Benefit: Sealed lights that ensure certification by major food processing accreditation organizations, including the FDA and the Canadian Food Inspection Agency.

Lighting a food processing plant is a tall order, but not impossible.

U.S. Pet Nutrition, Lyons, GA



“We needed lights to withstand the rigorous industry demands.”

— Tom Ray, director of engineering
U.S. Pet Nutrition

U.S. Pet Nutrition, LLC, was founded in 2010 with the vision to become the pet food industry’s recognized leader in innovation.

The company has developed a full range of nutritious cat and dog food products. These nutritious diets are made with the highest-quality ingredients in some of the most innovative packaging available such as easy open cans, pouches, and plastic containers.

In 2011, the company renovated 30,000 square feet as part of a remodeled 325,000 square foot plant in Lyons, GA., that also houses the canning production of sister company Chicken of the Sea, under the corporate umbrella of Thai Union.

The corporation already operates four pet food plants in Asia, but this is its first pet food plant in the U.S. and is also home to a state-of-the-art Research and Development Center.

During the design and specification process, Tom Ray, director of engineering for US Pet Nutrition, knew the fixtures needed to be National Sanitation Foundation (NSF) listed and IP65 rated, corrosion resistant, non-toxic and non-absorbent, and designed without crevices or recesses. Additionally,

all openings needed to be sealed by NSF listed gasketing materials to prevent bacterial growth within the fixture. A tall, but not impossible, order.

Ray previously worked with fixtures that met these specifications and knew he wanted the same luminaires for this facility.

Working with Ed Powell, principal of Andrews, Hammock & Powell, Ray selected 122 Kenall SimpleSeal™ surface mounted, 54-watt, linear fluorescent lights with inset doors for the plant.

“I have worked with Kenall fixtures before and knew I wanted the same fixtures for this facility.”

— Tom Ray

Kenall’s SimpleSeal features:

- IP65 listing ensures ingress protection against dust and water
- NSF2 rating for ease of cleanability
- One-piece, seam welded and hole-free housing
- Flush-mount fasteners for air-tight fixture and ease of maintenance
- Doorframe secured by retractable aircraft cables and stainless steel fasteners

Benefits for U.S. Pet Nutrition:

- A fixture that meets, or exceeds, demanding industry standards
- Properly sealed lighting that does not leak
- Prevention of particulate contamination & pressure leakage
- Ease of cleanability to withstand rigorous cleaning protocols
- Ease of maintenance



Kenall’s SimpleSeal provides safe lighting for U.S. Pet Nutrition plant in Lyons, GA

U.S. Pet Nutrition operates under stringent quality control procedures and undergoes frequent internal and external audits. These SimpleSeal luminaires ensure certification by major accreditation organizations, including the FDA and the Canadian Food Inspection Agency. Specifying Kenall has filled U.S. Pet Nutrition’s tall lighting order to their complete satisfaction.

For more information, please visit us on the web at www.kenall.com



www.kenall.com

P: 800-4-Kenall

F: 262-891-9701

10200 55th Street Kenosha, Wisconsin 53144

When you see this image, you will know the Kenall product shown or described is designed and manufactured in the USA with components purchased from US suppliers, and meets the Buy American requirements under the ARRA. Kenall has not determined the origin of its domestically purchased components or the subcomponents thereof. May be covered by patents found at www.kenall.com/patents. Content of specification sheets is subject to change; please consult www.kenall.com for current product details. © 2015 Kenall Mfg. Co. All rights reserved.