



Agricultural

LIGHTING SCIENCES

A LumenPros, Inc. Business Unit

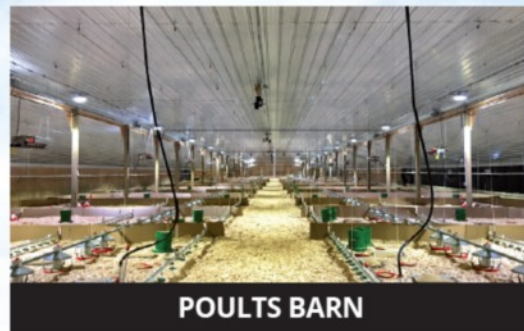
Agricultural Lighting Sciences designs, manufactures and supplies specialized energy efficient lighting products that are specially engineered for your barn applications. Our Dairy, Swine and Poultry products are installed in many farms worldwide.

We are not just another lighting company. Our main focus is to provide the right spectrum of light, specially designed to increase production while reducing your power bill, demand on your generators and maintenance free operation for many years.

Unlike your old lighting, you will not have to repair, replace or troubleshoot our lights. They are made for your application. You can pressure wash them and tend your business without any issues. We want you to focus on what you do best and that's farming.

LumenPros has partnered with PALS to provide you seamless integration of our products and get you saving money while increasing production.

REBATES ARE
GOING DOWN.
RETROFIT NOW
TO MAKE SURE
YOU GET YOUR
REBATES.



POULTS BARN



SWINE FARROWING BARN



POULTRY LAYER BARN



HIGH BAY



HB2-P is a luminaire designed for dairy, swine and poultry applications with various optic options for different facility environments. Implementing the newest mid-power LEDs and optics including the newly designed Wide Distribution utilizing Square Field Distribution (SFD) technology, the HB2-P can accommodate ceiling heights from 10 to 40 feet and provide uniform, balanced

The RSR-1 is a unique fixture designed for lower ceiling applications and does not hang down like Jelly Jay lights. Its optical platform using RSR technology allows for better light uniformity over any other fixture on the market. Whether you are replacing a Jelly Jar fixture, T8 Tubes or High Bay, the RSR-1 will impress you with its power and uniformity.

JELLY JAR REPLACEMENT



WALL PACKS

Our Wall Pack series will be a perfect fit for your outdoor buildings, giving you up to 75% maintenance free lighting.

Our T8 Led Tubes are the perfect replacement for your vapor proof fixtures. They can be used with and without ballast and save up to 60% energy costs without the hassle of fixing flickering, buzzing or o color T8 florescent tubes.

T8 LED TUBES



DUSK TO DAWN

Our Dusk to Dawn Security LED fixture will replace those old security fixtures you have outside your farm with energy savings reliable maintenance free lighting, saving you up to 75% on electricity. It's time to stop wasting money and start saving.

CALL YOUR PALS REPRESENTATIVE FOR A FREE ENERGY SURVEY

www.AgriculturalLightingSciences.com • www.lumen-Pros.com

once® Animal-Centric Lighting Systems



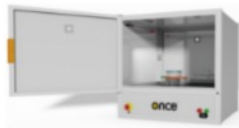
AGRISHIFT® MLM-S

The AgriShift® MLM-S is a 10 Watt LED fixture with Dim-to-Calm technology designed to enhance animal-welfare by reducing stress on your herd. It is suitable for all U.S. Swine facilities and provides exceptional light for both the animal and humans caring for them.



AGRISHIFT® MLS

The AgriShift® MLS is a highly efficient 14 Watt LED fixture with Dim-to-Red technology designed to support the biosecurity of modern swine facilities. Easily mounts to existing jelly jar fixtures or junction boxes.



BIOSHIFT® UVC GERMICIDAL CHAMBER

Pass-Thru Chamber uses germicidal UVC light to kill the majority of known viruses and bacteria (including PED, PRRS and PDCo viruses) in less than 2 ½ minutes.



AGRISHIFT® MASTER CONTROLLER

The AgriShift® Master Controller provides programmable dimming as well as sunrise/sunset scheduling for up to 20 lighting periods with 12 stimulus cycles.



AGRISHIFT® SLAVE DIMMER

The AgriShift® Slave Dimmer interfaces with standard barn controllers with a 0 to 10VDC input voltage to control both intensity and spectral output of Once AgriShift® LED lighting.



DIM-TO-CALM™ TECHNOLOGY

Dim-to-Calm™ Technology provides a natural sunrise and sunset simulation, reducing stress on animals and acting as a "service light" when fully dimmed.



Once® AgriShift® LED fixtures have a Built For Your Barn design, using techniques and materials that withstand the harsh barn environments for years to come.

BUILT FOR YOUR BARN®



ENERGYEFFICIENT
lighting systems

REVEAL YOUR POSSIBILITIES



Q-Lux™ *Revealing a better way to install*



New Construction LED Utility Light

Application:

The Q-Lux™ is a rugged, long-lasting LED light designed for new construction that easily locks into the Energy Efficient's Q-Box™. No assembly screws, no gasket to handle, simply twist and lock and it's dustproof and watertight! The Q-Lux™ is able to be pressure washed for easy cleaning.

Features:

- Replaceable polycarbonate lens with wide angle optics
- Long life - 50,000 hours+
- Direct wire - no socket needed
- No screws needed for assembly
- Dimmable for customizable lighting conditions

Retrofit LED Utility Light

Application:

The Q-Lux™ retrofit LED Utility light is a rugged, long-lasting LED light designed to replace the existing light bulb and glass jar in a traditional jar fixture. No additional wiring is necessary, The Q-Lux™ is able to be pressure washed for easy cleaning.

Features:

- Replaceable polycarbonate lens with wide angle optics
- Long life - 50,000 hours+
- Fits most jar bases (3 ¼" dia threads for easy installation)
- No additional wiring necessary
- Dimmable for customizable conditions

