

# ALIS Induction Power

The Only Clip On LED Lighting System

## ALIS is the only LED Agricultural Lighting Induction System in North America.

Induction power is a 'contactless' technology, allowing the LED fixtures to be clipped on to the inductive cable without ever penetrating the insulation. The system works by distributing highly regulated and constant current through the cable to the LED fixtures. ALIS LED lamps simply clip on and turn on.

The ALIS system is dust-proof and resistant to moisture. This system also provides reliable, flicker-free, full-spectrum light, ideal for use in poultry and swine applications. The simplicity of installation, adaptability and flexibility of ALIS allows it to be universally accessible and affordable to our customers, regardless of the size of operation.

Our experts can map lighting installations using 3D simulation software. We are able to customize the best wattage, number of lights, and the distribution of lamps and power hubs for your barn.



### The components of the ALIS System are:

- Power hub
- ALIS dimmer
- LED fixtures in either 0.3W (nest light), 8W or 11W

### ✓ Lighting Features

- Easily add light where needed
- Even distribution of light – no shadows, or dark areas
- Smooth dimming effect from 2–100% with no flickering
- Instant 'on' to 100% brightness

### ✓ Cost Benefits

- Easy installation, simple wiring layout
- No requirement for wiring to be run in expensive conduit and fixtures
- Energy savings of up to 90% over traditional lighting
- Return on investment within one year is typical
- Long bulb life of 80,000 hours (based on 16 hours/day usage)

### ✓ Safety Benefits

- IP65 rating (dust-proof and water resistant)
- No electrocution hazard
- Safety standard: UL approved
- No mercury, glass, or other inorganics



# Product Details

## Technical Information

<b>Light source</b>	8W high power LED or 11W high power LED
<b>Optics</b>	Standard polycarbonate lens
<b>Connection type</b>	Contactless
<b>Dimmer option</b>	100K potentiometer or 0-10V Rating IP65
<b>Rating</b>	IP65
<b>Rated life</b>	80,000 hours (based on 16 hours/day usage)
<b>Luminous flux</b>	597 lumens (8W ALIS) / 1124 lumens (11W ALIS)

## Working Environment

<b>Ambient Temperature</b>	-4 F to 131 F (-20 C to 55 C)
<b>Humidity Range</b>	0 to 95% humidity (non-condensing)

## Technical Information

<b>Input Voltage</b>	110V/220V 60Hz AC
<b>Max Power Consumption</b>	500W
<b>Power Factor</b>	>0.95
<b>Total harmonic distortion</b>	<20% nominal