

AL2007 FIXTURE

The AL2007 fixture is the flagship in our product range. This fixture is designed to illuminate a barn up to 24 meters (78 feet) wide using only 1 row of fixtures with an efficient and uniform distribution of light. When combined with the revolutionary application of a 400 Watt bulb, an even greater level of efficiency is achieved. All of this means more light with less fixtures, and therefore less energy and investment.

- ENERGY SAVING
- UNIFORM LIGHT DISTRIBUTION
- LOW INSTALLATION COSTS
- LOW MAINTENANCE COSTS

The AL2007 is available in High Pressure Sodium or Metal Halide for 100, 150, 250 and 400 Watt applications. Any of these combinations equals a high light yield and long lifetime.

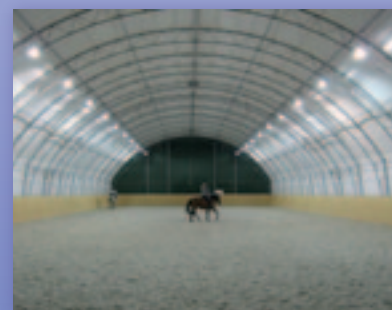
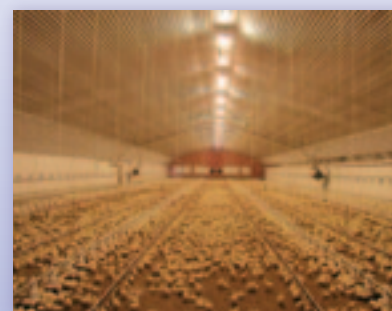
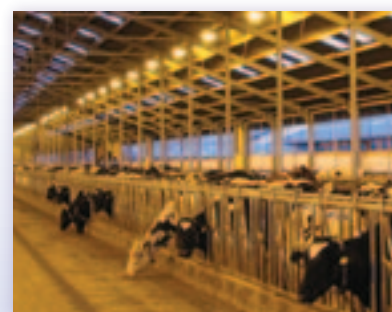
The body of the AL2007 is manufactured from cast aluminium. Aluminium is an excellent material for transferring and

expelling heat. The result is a longer lifetime for the internal components. To further the concept of longevity we use stainless steel screws and hanging accessories.

The installation brackets accompanying the AL2007 are equipped with an intelligent clicking system, saving time and manpower during installation. In addition, the integrated level ensures that the fixtures can be very easily installed level. All of this to help guarantee optimal intensity and distribution of the light.

Technical data AL2007	
Dimensions (LxWxH)	480x370x240mm
Weight	10-13 kg (Dependent on type)
Lamp type	Gas pressure lamp (preassembled)
Lamp colour	HPS: High Pressure Sodium yellow / MH: Metal Halide white
Life span lamp	HPS: 18.000-20.000 hours MH: 8.000-10.000 hours This is an average lifetime and can be influenced by a number of factors.
Ballast	Conventional Ballast
IP Class	IP64
Mains voltage / Frequency	220-230 V / 50 Hz The conditions for other voltages and frequencies are available on request.
Current	100 Watt 0.52 A 250 Watt 1.30 A 150 Watt 0.76 A 400 Watt 2.30 A
Bulb power	100/150/250/400 W (lamp)
Power factor (indicative)	>0.85

Subject to alterations





The grooves on the fixture take care of the air circulation around the AL2007. Combine this with the round top, and dust will have a tough time attaching itself to the fixture.

Lighting technology

Agrilight® sets itself apart with its expertise in the field of lighting technology and in the specific application of light for various types of livestock. Light intensity, daylight hours and the colour of the light all influence animal welfare and consequently animal behaviour. The right balance of these three factors has a positive influence on the livestock. Correct, uniform lighting contributes to improved health and productivity among other things. When we give advice concerning a light regime, we always base the advice on the following factors: scientific basis, durability, animal welfare and practical experience. A well-designed light regime can increase milk production in dairy cattle by between 6% and 15% for example. With poultry, the correct light colour can prevent cannibalism and feather pecking and the light regime that is used can promote growth. In addition to this, good light levels make a considerable

contribution to improving working conditions for yourself and your colleagues.

We would be pleased to design an optimal lighting plan for your barn. Please fill out the Request light plan, which can be downloaded on www.agrilight.com, and we will show you all the possibilities for your barn.

For more information please contact your certified installer or Agrilight b.v.

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AGRILIGHT®



BRIGHT BY NATURE