

AGRILED® RED FIXTURE

Agrilight® makes the next step in the evolution of barn lighting with the AGRILED® fixture. The AGRILED® Red fixture is specifically for dairy cattle. The AGRILED® Red is available in combination with a High Pressure Sodium or Metal Halide bulb of 250 or 400 Watt. The AGRILED® Red is equipped with six powerLED's. These produce a monochromatic red light used as a night light. By integration of this night light it is no longer necessary to install two separate fixtures. This provides a considerable reduction in time and installation costs.

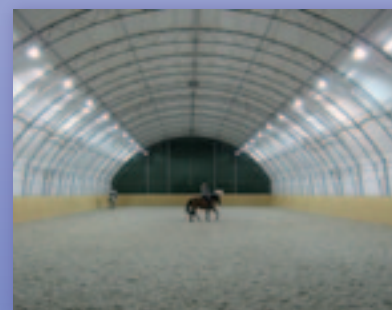
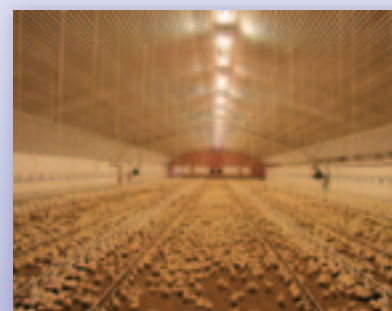
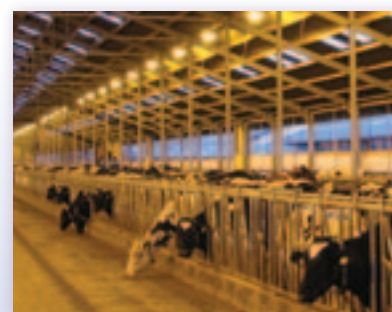
- INTEGRATED NIGHT LIGHT
- DURABLE LED TECHNOLOGY
- LOW INSTALLATION COSTS
- LOW MAINTENANCE COSTS

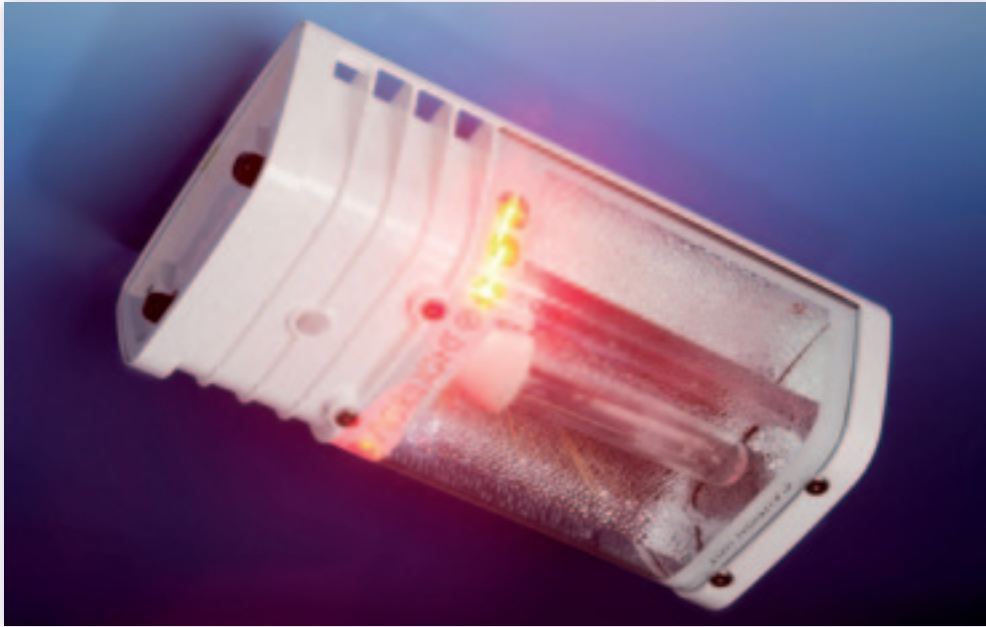
Through the application of LED technology the fixture saves energy and is truly a durable innovation. Red light does not disturb the cattle in its sleep, so the farmer can carry out his chores without disturbing the animal. It is possible to control the AGRILED® Red fixture with an Agribox control unit.

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Technical data AGRILED® Red	
Dimensions (LxWxH)	480x370x240mm
Weight	13,5-14,6 kg (dependent on type)
Lamp types	High Pressure Sodium or Metal Halide 250/400 watt (preassembled) Light emitting diode (LED) 6 pieces
Lamp colour	HPS: High Pressure Sodium yellow / MH: Metal Halide white LED: red
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.
VSA	Lamp: Conventional VSA LED: constant current (700 mA DC)
IP Class	IP64
Mains voltage / frequency	Lamp: 220-230 V/50-60Hz LED: 230 V / 50 Hz The conditions for other voltages and frequencies are available on request.
Current	250 Watt 1.30 A 400 Watt 2.30 A LED: <0,2 A
Bulb power	Lamp: 250/400 W LED: 18W (6x3W)
Power factor (indicative)	Lamp: >0.85 LED: 0,52

Subject to alterations





The body of the AGRILED® is similar to the AL2007 manufactured from cast aluminium. Aluminium is an excellent material for transferring and expelling heat. The result is a longer lifespan for the internal components. For the screws and hanging parts we use stainless steel. In addition, the integrated water level ensures that the fixtures can be installed horizontally level easily. All of this helps guarantee optimal intensity and distribution of light.

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