

# AGRILED® BLUE FIXTURE

Agrilight® makes the next step in the evolution of barn lighting with the AGRILED® fixture. By combining an energy saving lamp and LED light in one fixture, Agrilight® combines best of both lighting worlds. The AGRILED® Blue, specifically for poultry barns, is equipped with six powerLED's. These produce a monochromatic blue light used as trapping light. By integration of this trapping light it is no longer necessary to install two separate fixtures. This provides a considerable profit in time and installation costs.

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

Through application of LED technology the fixture saves energy and is rightfully a durable innovation.

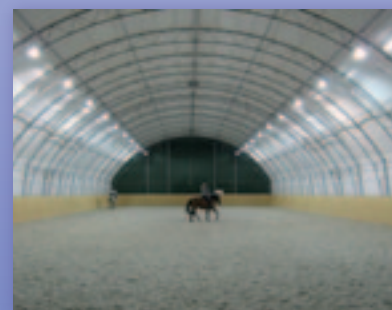
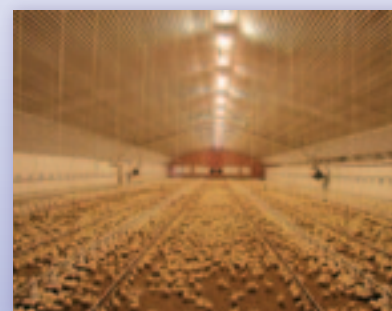
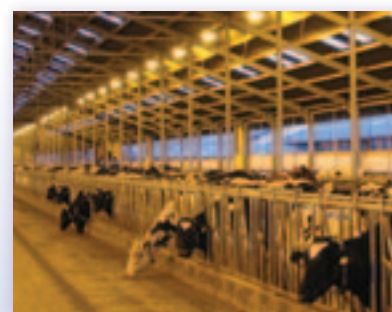
Unique is that you can dim the LED's and that the light level, which is already limited

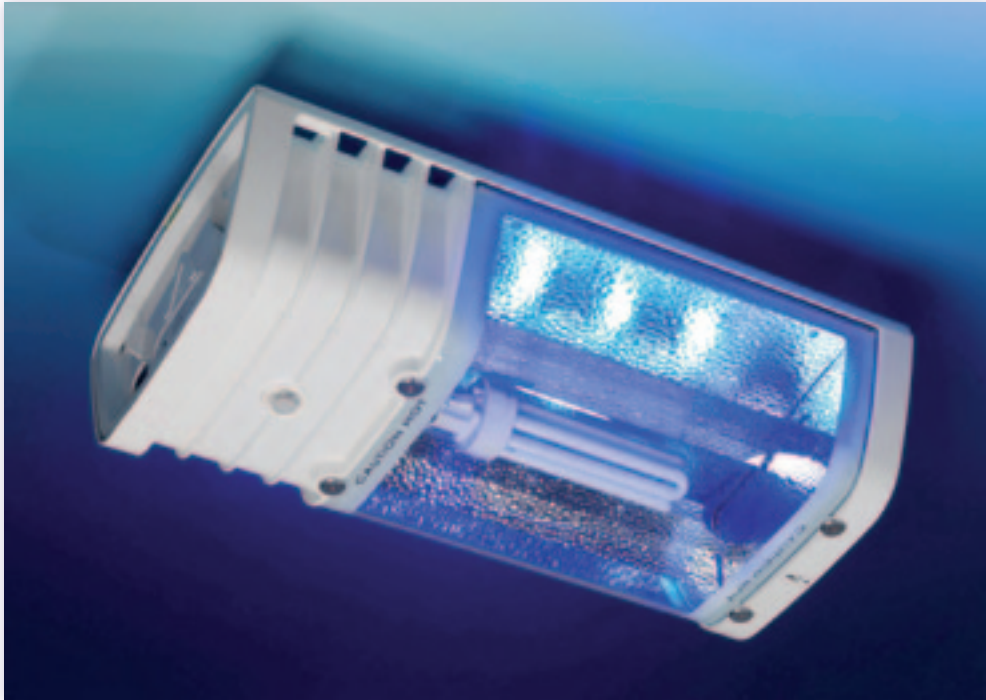
through the LED technology, can be brought further back to your needs. In different situations of releasing or catching of the poultry the level can be adjusted at your own insight. An extra instrument that gives you the opportunity to keep the animals at peace and loss to a minimum.

The body of the AGRILED® is like the AL2007 manufactured from cast aluminium.

Technical data AGRILED®Blue	
Dimensions (LxWxH)	480x370x240mm
Weight	ca. 9,9 kg
Lamp type	CFL Lamp/Fluorescent lamp (supplied including) Light emitting diode (LED) 6 pieces
Lamp colour	CFL: 830 (3000 K) LED: blue
Life span lamp	CFL: 10.000 hours This is an average lifetime and can be influenced by a number of factors.
VSA	CFL: electronic VSA LED: constant current (700 mA DC)
IP Class	IP64
Mains voltage / frequency	CFL: 220-240 V/50-60Hz LED: 230 V / 50 Hz The conditions for other voltages and frequencies are available on request.
Current	CFL: 0,4 A LED: <0,2 A
Bulb power	CFL: 70W LED: 18W (6x3W)
Power factor (indicative)	CFL: >0.98 LED: 0,52

Subject to alterations





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. In addition, the integrated level ensures that the fixtures can be installed level very easily. All of this to help guarantee optimal intensity and distribution of the 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](http://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®



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