

AGRILIGHT®



BETTER LIGHT, BETTER LIFE

AVILED® premium
Advanced LED
lighting for
your poultry





Better light, better life

Uniform growth

We don't need to tell you that good distribution of your chicks in the poultry house ensures a better feed intake and more uniform growth. Infections and foot disorders can also be prevented if the birds spread out and use all the available space optimally. Research performed by the University of Wageningen demonstrates that an optimal light level and good light distribution are the key factors that ensure good distribution of birds in a poultry house. The dimmable lighting from Agrilight allows you to influence the growth rate of your birds. Scientific studies have also shown that blue light has a calming effect on the birds when they are placed in the house or during catching.

Innovative durability

Many years of experience in lighting, energy and agricultural buildings has resulted in the development of Agrilight's efficient LED fixtures in the AVILED® series. The fixtures are available in two advanced models: the AVILED® premium and the AVILED® premium blue. Just like all Agrilight products, these fixtures are resistant to moisture, ammonia and dust. The aluminium housing carries away the heat produced by the LED well. This keeps the light output of each fixture at a good level and guarantees a durable lifespan of the fixture.



Premium LED lighting

AVILED® premium

The AVILED® premium represents a reliable fixture for an attractive price. The fixture was developed based on our many years of experience with LED lighting in poultry systems. The AVILED® premium uses reliable and proven lens technology. This guarantees good light distribution in your poultry house. The lamp is dimmable from 100% to 10% and can be applied in various lighting regimes. The fixture is also available with integrated blue LEDs so it can be used as bird catching lighting.



AVILED® premium (blue)

Control via the climate system

The AVILED® premium can be controlled via a DALI signal. Using this control function, the AVILED® can be connected to the 0-10V-signal of your climate system. This ensures that the dimming function works optimally in your system.

Optimum light level:



animal welfare +



better production =



higher efficiency

Technical specifications

	AVILED® premium	Example fluorescent lamp
Light source	LED	Fluorescent lamp
Distribution	Lens technique	Reflection technique
Blue catch light	Optional	Optional
Energy consumption *	33 Watt	70 Watt
Lumen output *	4.024 Lumen	5.250 Lumen
Lumen/Watt ratio *	122 Lm/W	75 Lm/W
Controlling	DALI	0-10V
Life span *	50.000 hours	10.000 hours

* Light source

The expert in agricultural lighting

Do you want to maximise the performance in your buildings? Then good lighting is absolutely essential.

Agrilight has been supplying LED and conventional lighting systems to livestock farmers in Europe and North America for more than 15 years. As a member of the Dool Industries group, a holding specialised in supplemental grow lighting, we are at the leading edge of developments in lighting. At Agrilight, we combine this knowledge with insights gained by the latest scientific advances in the fields of animal welfare and livestock building design.

Agrilight can draw up a free, no-obligation light plan for your livestock building. After all, each specific situation is different. Discover the advantages of a well-designed light plan for your animals, your workforce and yourself. Contact us via www.agrilight.com

AGRILIGHT B.V.

Vlotlaan 643
2681 TZ Monster
The Netherlands

T: +31 (0) 174 287 287

E: info@agrilight.com
I: www.agrilight.com

