

ALPL70D FIXTURE

The ALPL70D is a dust and water tight fixture using a 70 Watt energy saving lamp. The ALPL70D is a robust fixture specifically designed for use in poultry barns and is an enhancement to the AL2007 series. The ALPL70D is specially designed to illuminate poultry barns up to 24 meters (78 feet) wide, very uniformly with only 1 row of fixtures in the middle of the barn. A floor system is required. The use of only 1 row results in lower installation and maintenance costs compared to for example fluorescent tubes.

- ENERGY SAVING
- UNIFORM LIGHT DISTRIBUTION
- LOW INSTALLATION COSTS
- LOW MAINTENANCE COSTS
- DIMMABLE FROM 100% - 3%

The ALPL70D is equipped with an electronic ballast, which has a high frequency start-up as well as the possibility to dim the fixtures from 100% to 3%. Dimming allows for easy light level management, and better bulb performance. Not only will the light level be dimmed, the energy consumption will drop proportionately.

When using our patented reflector, shadows not occur when dimming the fixtures. No

shadows in a barn means a better partition of the chickens and less forming of clusters. When less clusters are formed, there will be less wet spots in the barn which decreases the chance of infection.

The ALPL70D fixtures can be managed pre-eminently by connecting them to a poultry computer using a 0-10 V signal. Agrilight® offers the IFL-10R designed specifically to amplify the operating signal of the climate computer. By using a galvanic separator, the light will be dimmed by a stable and clear signal. Hereby you are ensured of an optimal operation of the dimming function.



Technical data ALPL70D	
Dimensions (LxIxH)	480x370x240mm
Weight	ca 9,7 kg
Lamp type	CFL Lamp / Fluorescent Lamp (supplied including)
Lamp colour	Lamp colour: 830 (3000 K)
Life span lamp	10.000 hours This is an average lifetime and can be influenced by a number of factors.
Ballast	Electronic Ballast
IP Class	IP64
Mains voltage / Frequency	220 – 240 V / 50 – 60 Hz The conditions for other voltages and frequencies are available on request.
Current	0.4 A
Bulb power	70 W (lamp)
Power factor (indicative)	>0.98

Subject to alterations





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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