



# Animal farming poultry

Biologically efficient lighting for the poultry house



## What we do

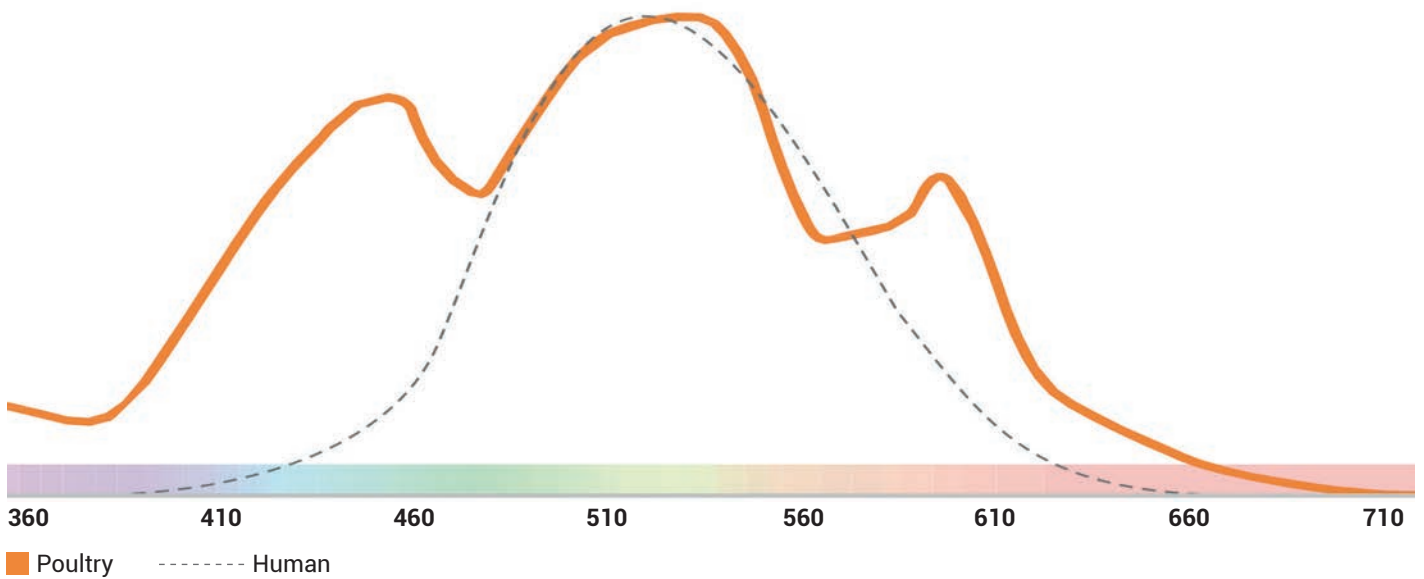


A poultry eye perceives more and different light than the human eye.

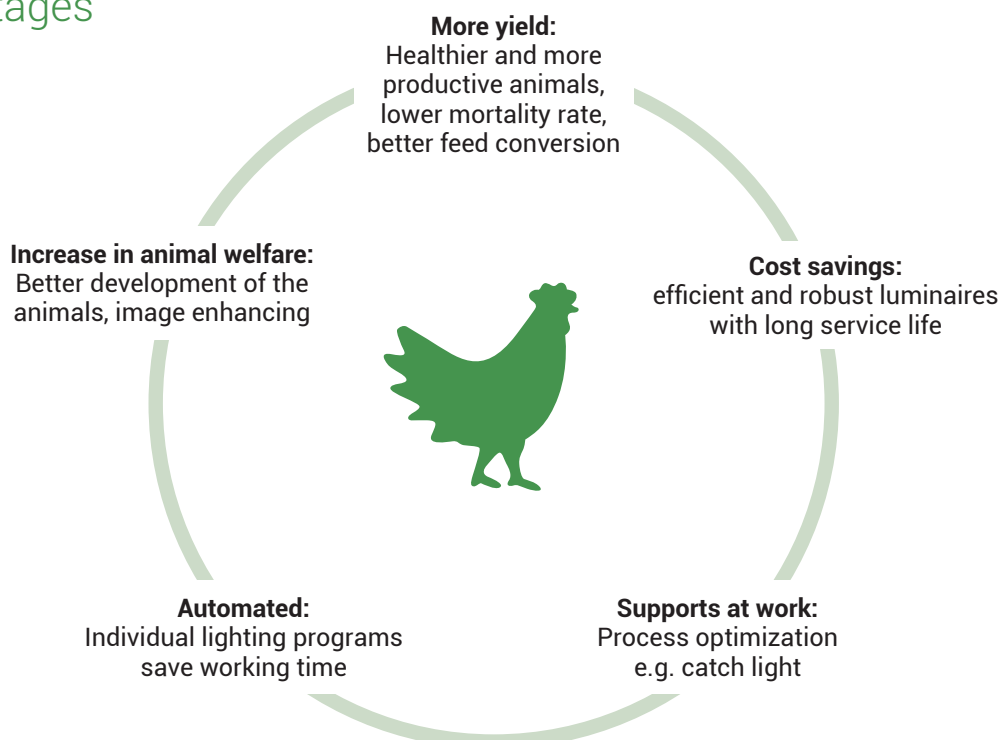
We develop biologically efficient lighting solutions tailored to poultry. In this way, we **improve both animal welfare and productivity**, and yield.

Compared to conventional lighting technology, you can save up to 50% energy with LED technology.

## Spectral eye sensitivity of poultry compared to humans



## Your advantages

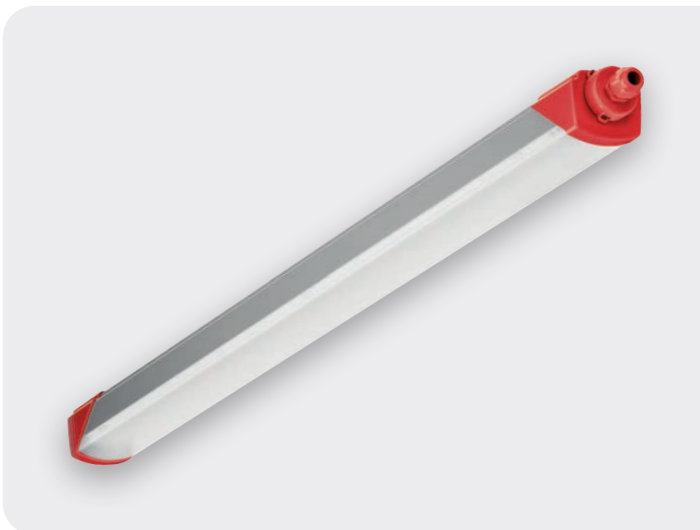


## ALTUMA®



- Different optics and poultry specific spectra (incl. UV)
- Just one installation row in a broiler house
- Fewer luminaires save energy and time during cleaning
- Corrosion and ammonia resistant, gas-tight
- Suitable for high pressure cleaners
- 100,000 h service life (L80, 35°C)
- Robust design, with IP69(80°) and IK10
- Digital dimming via DALI
- Flicker-free<sup>1</sup> dimming

## AMENTA®



- Cost-effective retrofit solution for existing installations
- Different light spectra available
- Energy-efficient lighting solution
- Through wiring enables fast mounting
- Quick and tool-free installation
- 50,000 h service life (L80, 35°C)
- Robust design with IP66 PMMA profile
- Dimming range from 1-100% via 1-10V
- Flicker-free<sup>1</sup> dimming

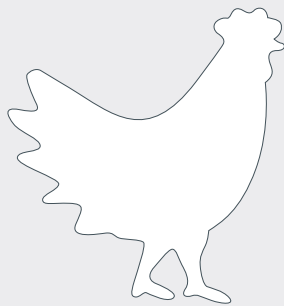
<sup>1</sup> According IEEE 1789-2015: ZALUX-fixtures working with amplitude dimming without Pulse Width Modulation (PWM)



# Biologically efficient lighting for the poultry house

Increase yield through species-appropriate light

Up to 50% energy savings



The best light for growing business



The partner you can trust

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