

LED fixtures for poultry farms and livestock



ABL series

3
years warranty

50 000
hours service life



LED fixtures are dedicated for the parent flocks of chickens, broilers and cage-type sheds light. These lamps have a high light output and durability. LED lamps powered by a low voltage, have no stroboscopic effect and evenly illuminates the shed. Thus enables maintain flock uniformity, reduce mortality, and increase egg laying results.

Also these LED fixtures are dedicated for livestock and fish farms. Light spectrum is selected for individual requirements.

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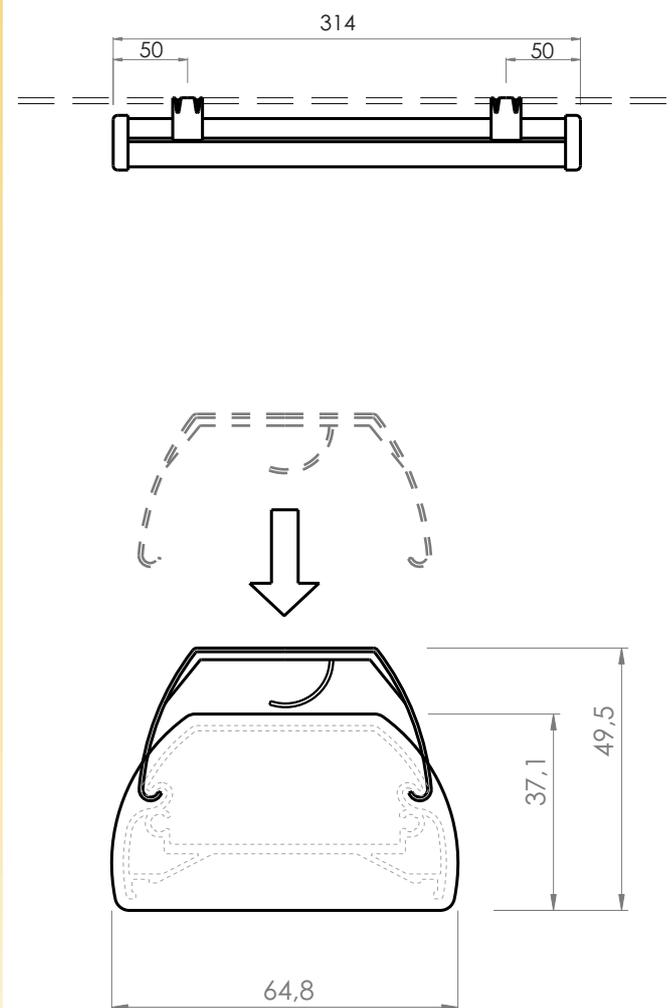
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General characteristics:

- **Voltage:** 24 VDC
- **Power consumption:** 9 W
- **Light flux:** 880 lumen
- **Average lifetime:** 50 000 hours (10 year with operation of 12 hours per day)
- **LED manufacturer:** Philips-Lumileds
- **Color temperature:** 3000 - 4000 K
- **CRI:** >80
- **Light distribution:** 130 degrees
- **Light intensity control:** dimmable light, sunrise and sunset options
- **Weight of fixture:** 0,40 kg
- **Dimensions:** length 314 mm, height 38 mm, width – 65 mm
- **Body color:** silver

Light fixture should be connected to cable or fixing on ceilings.

Easily changes 60-100 W incandescent bulbs or 18-23 W luminescent lamps.



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Advantages:

- Fixtures operate at low and safe 24 V voltage.
- From 3 to 10 times decrease power consumptions in comparison with incandescent and luminescent light sources.
- Power consumptions from 1 to 12 W.
- Selected light spectrum activates birds, animals feed instincts.
- Increases birds, animals mean weight.
- Improves fodder digestion.
- Improves chicken egg laying.
- Light ramping diminishes bird, animal stress.
- Increases bird productivity.
- Increases bird flock uniformity.
- Fast and easy connection to ceilings or to cable.
- No low frequency flickering, that is present in luminescent lamps.
- Do not radiate ultraviolet and infrared light. All light is in visible range.
- High-quality white color spectrum.
- 3 year warranty term.
- Light controller changes light intensity.
- Fixture body is made from anodized aluminum which is highly resistible to harsh environment.
- Reliable Philips-Lumileds LEDs will operate 50 000 hours until light flux will decrease to 70% from initial light intensity.
- Fixture will operate more than 10 years.
- Fixture lifetime does not depend on on/off quantity.

