



AKVA Aurora SubLED 100W

Specially adapted underwater LED luminaire for optimal fish welfare and growth.

The AKVA Aurora SubLED 100W LED luminaire is a smart and extra flexible solution; tailored light quality, deeper light penetration, easy-to-move and adjustable light intensity provides optimal growth conditions for the fish.

Additional LED lights have a good effect on maturation, smoltification and growth, and AKVA Aurora SubLED 100W is an ideal solution for land based facilities.

The design emphasizes beam spread, functional shape and easy maintenance in a solid construction.

Pluggable power connection provides for easy installation. The standard cable length is 35 or 55 meters, but longer cables can be supplied to most tank sizes and depths.

The most important parameter for good and stable underwater lighting is reliability and a solid construction.



The light is carefully adapted to fry and broodstock in small tanks, as well as salmon, cod and other species that are light-controlled in larger tanks.



- Solid main housing in POM - designed for rough, everyday use.
- Streamlined design and smooth surface reduces the risk of hooking.
- Average time for service is approx. 50.000 hours.
- The lamp can be submerged to approx. 10 m to help lead the fish deeper in the tank at night.
- ISO approved unbreakable Borosilicate glass that can withstand heavy loads.
- Light quality (color) specially adapted to the fish 's photoreceptors.
- Adjustable light intensity.
- Color spectrum: Warm white 300K, green 540 and blue 480 nm.
- Lamp control can be integrated into AKVAconnect.

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Stable and customizable lighting control for increased profitability.



Combine AKVA Aurora SubLED with the AKVA Borealis SurfLED surface light.

SPECIFICATIONS

Temperature:	-2 °C to +25 °C
Operating voltage:	85-245 VAC
Power to LED:	Up to 100W
Power consumption:	120W
Dimmable:	0.01% - 100%
Service:	Approx. 50.000 hours
Light source:	36x power LEDs
Colour spectrum 12+12+12:	Warm white 300K, green 540, blue 480 nm
Weight without cable:	4.9 kg
Weight with cable:	16 kg (dry)
Dimensions:	377 mm (length), 120 mm (diameter)
Material, main housing:	POM 1.41g/cm3
Material, lens:	ISO 3585- 2.23 g/cm3 Borosilicate glass
Cable dimension - length:	PUR Ø13.2 - 55 meter (configurable upon order)
Internal cooling:	Silicone fluid
Intended use:	Aquaculture tanks / smaller pens