



AKVA sublumin

Dimmable underwater light that gives you a unique combination of blue and green LED light.

AKVA sublumin is used in pens for anti-maturation, contrast light and photo-tactical attraction of the fish. This is also an excellent light for smoltification and de-smoltification of juveniles.

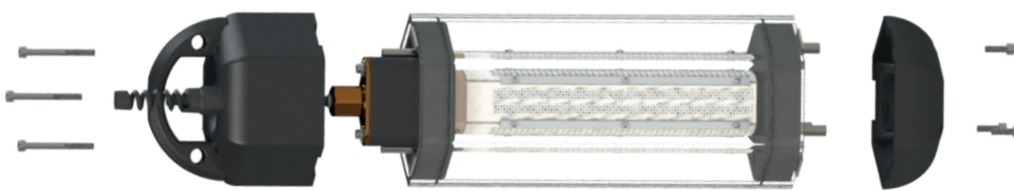
AKVA group has developed a new anti-sexual maturation light for use in sea-based aquaculture. This lighting solution is built upon AKVA group's prior products, advanced lighting technology, and extensive research that underscores the role of blue and green spectrum light in influencing the regulation of sexual maturation in salmonids. A cabinet supplies and controls up to four lights with power and management. A suspension system has been developed for quick, easy, and safe installation on the handrail using a crane on a workboat.

Benefits:

- Avoids sexual maturation
- 10-30% improved growth
- Reduced mortality
- Less stress
- Enhanced feed efficiency
- Feeding monitoring
- Reduces the time in the sea
- Attracts fish into the pen

The lights are placed at approximately 10 to 35 meters depth and can be used throughout the entire life cycle. The preferred depth varies depending on whether a traditional pen or a pen with a deep farming solution is utilized. AKVA sublumin is an excellent choice for deep farming in low-light or dark underwater environments.





Specifications:

Input Voltage	200-240VAC, 50Hz
Output Voltage	200VDC
Power Consumption for Light	600W
Power Consumption for Control Cabinet	4x600W= 2400W
Inrush Current	12A
THD	10% (Full load)
Ramp up & down time for ON & OFF	10 minutes
IP Rating for Light	IP68 (Water resistant 80m)
IP Rating for control cabinet	IP66
Control Interface	DALI
Operating temp. (in the water)	4°C to 20°C
Cable Length	75M

