

Underwater Lights Specifications



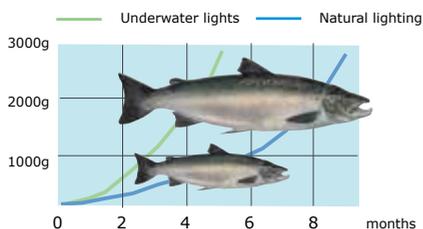
Specifications:	Aurora SubLed 1350W	BlueLed 400W	Aurora SubeLed 100W	Integra 250/400W	Integra 1000W
Operating voltage:	48 VDC	230 VAC 50Hz (60DC)	230 VAC/50Hz (24DC)	230 VAC 50Hz	230 VAC 50Hz
Starting current 0,5 second:	6,6A (1500W)	1,8A (400W)	1,0A (230W)	2,45A (563W) / 3,0A (690W)	8,0A (1840W)
Starting current 1 second:	6,6A (1500W)	1,8A (400W)	2,5A (115W)	1,9A (437W) / 2,0A (460W)	6,4A (1472W)
Operating current 2 min.:	6,05A (1350W)	2,15A (480W)	0,5A (106W)	1,3A (299W) / 1,8A (414W)	5A (1150W)
Total efficiency:	1350W	480W	115W	275W / 460W	1065W
Expected lifetime:	appr. 50 000 hours	appr. 70 000 hours	appr. 50 000 hours	appr. 5000 hours	appr. 5000 hours
Light source:	288 LED diodes / 32 UV diodes	184 LED	42 LED	HQI-T 250D / HQI-T 400D	HQI-T 1000D
Color temperature (Kelvin):	3000 K warm white	20000 K (480 nm Blue)	3000 K warm white	5300K / 6100K	6000K
Luminosity:	-	-	-	20 000 lm / 35 000 lm	85 000 lm
Weight, light housing:	6kg	11kg	8,5kg	7kg / 10kg	21,6kg
Size, length + Ø:	542mm + 160mm	641mm + 120mm	641mm + 120mm	648mm + 140mm	818mm + 180mm
Material in the main housing, density:	POM 1,41g/cm ³	Aluminum 6082 T6 2,7g/cm ³	POM 1,41g/cm ³ DIN 53479 - L15	POM 1,41g/cm ³ DIN 53479 - L15	POM 1,41g/cm ³ DIN 53479 - L15
Lence material:	Acrylic	Borosilicate glass	Borosilicate glass	Borosilicate glass	Borosilicate glass
Cable, standard lenght:	PUR 3G1,5 35 or 55 m	PUR 3G1,5 35m or 55m	PUR 3G1,5 35m or 55m	PUR 3G1,5 35m or 55m	PUR 3G2,5 35m or 55m
Cooling fluid:	Water (convection)	Silikon oil	Silikon oil	Water (convection)	Water (convection)
Recommended use:	Medium & large cages	Medium & large cages	Tanks /smaller cages	Tanks /med. & small cages	Medium & large cages

LED-light Halogen light

Note: Specifications are subject to change without prior notice.



We base our CE- marking on tests run by Nemko according to the EMC and LVD directives.

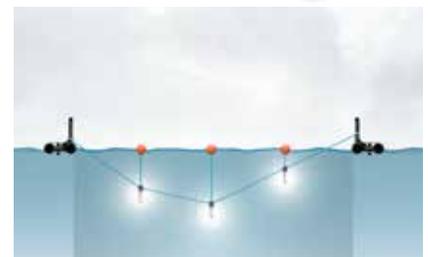


By using extra light on i.e. salmon, you will achieve faster growth and get higher harvest weight as opposed to not using underwater lights.



AKVA group offer a regular service visit with equipment control and maintenance, including a detailed status report.

Easy user interface allows you to set up your personal light regime in AKVAconnect. You can lit and turn off the lights for a fixed time. You can regulate the light intensity in each cage depending of the density of the fish and where you are in the production process. Our professional AKVA group staff can help you with the intial set up.



You can easily install the underwater lights at fixed depths and positions by using buoys and ropes.