

# LED Aquaculture Lights

## FL-06-G9



### Better solutions for LED Aquaculture Lights

- IP68** (continuous submerged at max depth 20m)
- AC100-277V 50/60Hz**
- Easy Installation**
- 150lm/W**

**Operating Temp.:** -40°C ~+50°C      **Storage Temp.:** -40°C~+80°C

### Options

- Power:** INVENTRONICS Driver
- Electrical cable length:** 30 m ( 2.5 mm<sup>2</sup> wires)
- Housing Material:** SUS 316
- Wavelength:** green light 520nm / white light 400~780nm
- Protection Grade:** IP68
- Lighting protection grade:** SELV-Class-I
- Underwater working voltage:** 48VDC



### Application

Aquaculture lights support marine or terrestrial fish farms and other environments to optimize fish growth. luminaire is designed to support fish farms in the optimization of growing fish under unpredictable, harsh circumstances. Helps to optimize growth and reduces the maturation of salmon to nearly zero.

The downward facing light provides efficient light distribution by bringing light where the fish swim throughout the complete pen. This helps keeping your fish healthy below the sea lice zone.

The luminaire enables you to improve your operations by reducing the maturation to zero, improving both growth & FCR while drastically reducing sea lice infestations.

#### Caution:

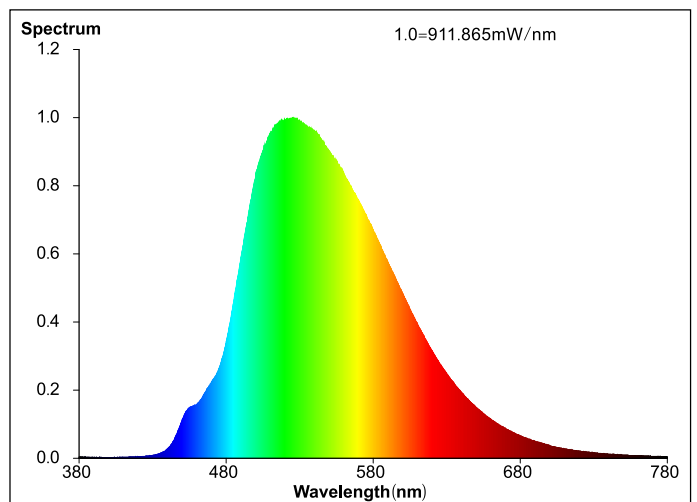
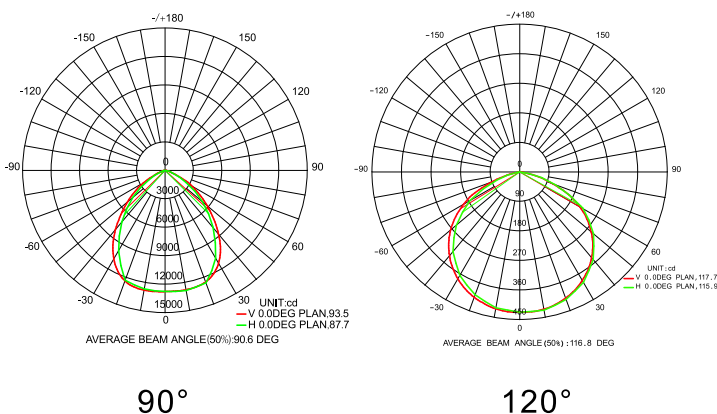
- 1. Aquaculture lights are only used for underwater 1- 20 m;**
- 2. It is forbidden to be used outside the water area (in the air) and on the water surface.**

### Specifications

Item	Power	Effi.	Leds	CRI	N.W.	Beam Angle
FL100W-06-G9	100W	150lm/W	SMD 5050	> 70	6.0kg(13.2lbs)	90°/120°
FL200W-06-G9	200W	150lm/W	SMD 5050	> 70	6.0kg(13.2lbs)	90°/120°
FL300W-06-G9	300W	150lm/W	SMD 5050	> 70	6.0kg(13.2lbs)	90°/120°
FL500W-06-G9	500W	150lm/W	SMD 5050	> 70	6.0kg(13.2lbs)	90°/120°
FL600W-06-G9	600W	150lm/W	SMD 5050	> 70	6.0kg(13.2lbs)	120°

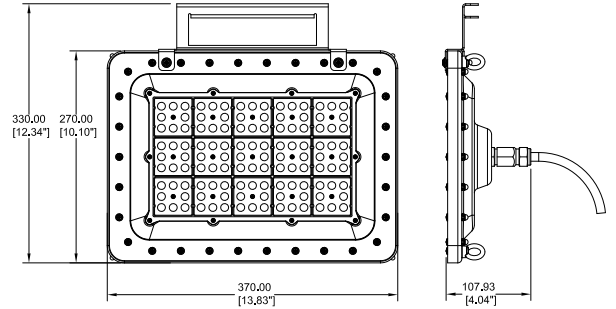
### Photometry

### Spectrum



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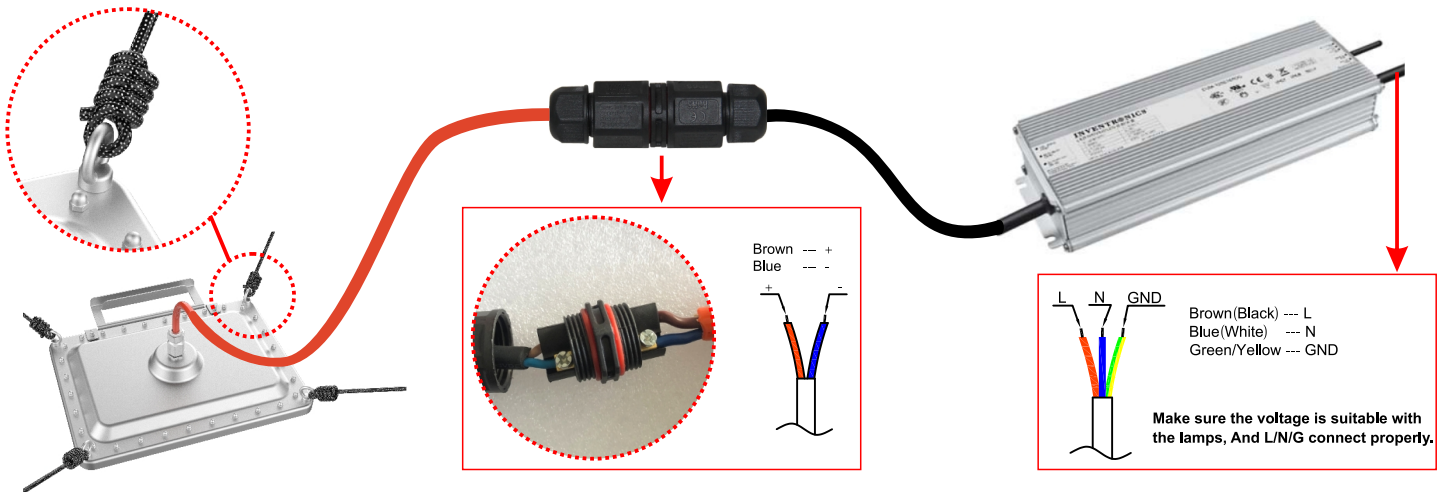
## Model Options Dimensions(mm)



100W/200W/300W/500W

600W

## Installation Method



Fasten the 4 hanging rings of luminaire with ropes and Fix the lamp at the suitable position.

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## Packing Spec

Item	Box			Carton		
	Measurement(mm)	Gross weight	Pcs/box	Measurement(mm)	Gross weight	Pcs/box
FL100W~600W-06-G9	Lamp:L440*W370*H185	11.5 kg(25.4lbs)	1	/	/	/