

# SeeBrite™ Light Controller L100



## Happy Fish Grow Bigger

The SeeBrite™ Light Controller L100 is a compact light controller that manages the brightness and dimming of SeeBrite™ LED lights to avoid sudden changes in light brightness levels. When using photoperiod manipulation, sudden changes to light levels stresses the fish, leading to loss of appetite as the body is in fight or flight response. Fish that are not stressed are happier and healthier, have better appetites, are less vulnerable to disease, and grow faster and larger.

### Control Light Brightness Level

The SeeBrite™ L100 controls the brightness and dimming of up to 6 SeeBrite™ LED light fixtures. Light brightness levels can be set from 1% to 100% brightness. When lights are turned on, the L100 manages the gradual increasing brightness of SeeBrite™ LED light fixtures to an operator pre-set brightness level. When lights are turned off, the L100 manages the gradual dimming of lights to 0% brightness at a pre-programmed rate.

### Automatic Gradual Dimming of Lights During Power Interruption

When connected to an uninterrupted power supply (UPS back-up), the L100 is fitted with Power Sentry™ circuitry that continuously monitors for power interruption. Upon detecting a loss of power, the L100 will automatically begin dimming lights to 0% brightness for all SeeBrite™ LED light fixtures connected to the light controller. When power is restored, the L100 will automatically begin a gradual ramp up to the operator's pre-set brightness level.

### Control Up To 6 SeeBrite™ LED Lights

Each SeeBrite™ L100 Light Controller can simultaneously manage brightness levels for up to 6 SeeBrite™ LED light fixtures.

### Simple User Interface

Smooth surface keypad membrane control panel with no extruding control knobs allows for easy wipe down. Intuitive navigation interface for easy adjustment of brightness setting.



Stainless steel enclosure



Polycarbonate enclosure

### Robust Enclosure IP66 Rated

The SeeBrite™ L100 Light Controller is available in either a polycarbonate or an extreme environment stainless steel enclosure. Both are ideally suited for open sea pen or hatchery tank applications with an IP66 rating against heavy seas or powerful jets of water.

### Special Inspection Certified, CE compliant

The SeeBrite™ L100 Light Controller is special inspection certified, and CE compliant; operates on both 110 VAC and 230 VAC.

### Specifications

Dimensions L x W x H	Polycarbonate	11.77" x 9.90" x 6.0" 298.96 x 251.46 x 152.40 mm
	Stainless Steel	10" x 8" x 4" 254 x 203 x 102 mm
Power	110 VAC or 230 VAC	
Rating	IP66 Protected from total dust ingress and protected against heavy seas or powerful jets of water.	
Certification	Special Inspection, CE compliant	

Specifications subject to change.

**Let's Talk!**  
**We Are Your Solution**  
**CONTACT US TODAY**

[info@iasproducts.com](mailto:info@iasproducts.com)

[www.iasproducts.com](http://www.iasproducts.com)



IAS Products Ltd.

E: [info@iasproducts.com](mailto:info@iasproducts.com) | [www.iasproducts.com](http://www.iasproducts.com) | T: +1 604.924.1844

1408 Crown Street, North Vancouver, BC Canada V7J 1G5

Printed in Canada