

## Introduction

Thank you for choosing the MikeLite 4 LED light source. The MikeLite uses the latest solid state technology and will give you years of trouble-free use if cared for.

Unlike incandescent and halogen lamps, LEDs have a rated life of 10,000-100,000 hours and usually do not need replacing for the life of the unit. And because the highly flexible goosenecks permits precise light placement, you will experience viewing resolution unobtainable with other light sources.

The MikeLite 4 can use all SuperFlex Illuminator models.

<b>Model Number</b>	<b>ML-4</b>
Weight	15.7oz. (437g)
Dimensions	Length 4.4" (112mm) Width 3.3" (83mm) Height 1.7" (42mm)
Output Jack Type	Female, RCA
Output Current	32mA max. per jack
Number of Output Jacks	4
Type of SuperFlex Illuminators Supported	Type-A single or triple LED models, all colors, all lengths
Control Channels	2, each channel operates two Type-A Illuminators
Switch Types	Push button, variable intensity
Power Source	AC wall transformer with 12 volt DC output and 6' power cord.
Environmental	Ambient temperature: 32-95 degrees F.
Relative humidity	0-90% non-condensing
Licensing	Patent pending

## Instructions

1. Plug the wall transformer into any 115 volt power outlet and plug the 12 volt transformer cord into the jack on the back of the unit.
2. Plug one to four SuperFlex Illuminators into the RCA jacks on the top of the unit.
3. Press the "Bright" switch to turn on the Illuminator(s) above the switch. To bring the Illuminator to full intensity either hold down the switch or press it momentarily several times until full intensity is achieved.
4. To turn off the unit, press and hold down the "Dim" switch.
5. The MikeLite 4 can use any of the SuperFlex Illuminators.

## Placement

The MikeLite 4 can be placed either in back of the microscope if counter space is at a premium or alongside the scope for easy access to the controls.

Behind the scope: Two 12" SuperFlex Illuminators work best for this application.

Alongside the scope: One 12" and one 18" gooseneck work best for this application.

B & L and Leitz Stereo Microscopes: For these scopes an adapter plug (Cat. No. PL10) and two 24" SuperFlex Illuminators provide optimal lighting.

Illuminating Two Separate Microscopes: Since each pair of "Dim" and "Bright" switches control the two illuminator outlets above them, one MikeLite 4 power source can illuminate two separate microscopes. Use one dual Illuminator (Catalog No. ST10) for each microscope. Each stand has a 6' power cord which attaches to the MikeLite power source.

### **Warranty**

Sea Life Supply warrants its products for parts and labor for a period of one year from the date of shipment. This covers normal use of the equipment only. Any use other than that intended, misuse, abuse, or customer modification will void this warranty.

Sea Life Supply, at its option, will repair or replace equipment failed because of defects in either workmanship or parts. Shipping to and from the factory will be at the customer's expense. Under no circumstances will Sea Life Supply be responsible for any incidental damage or expense resulting from the use of the equipment covered by this warranty.

### **Specific Exclusions**

The following events specifically void the warranty.

1. Splashing with or immersion in water
2. Operation in relative humidity above 90%
3. Damage to the circuit board due to condensation
4. Service by unauthorized persons

## ***MikeLite 4 Manual***



*(Shown with Illuminators)*



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