

## Aristo Mic-O-Lite



Designed to fit most low power stereo microscopes, and camera lenses, the Aristo Mic-O-Lites feature slim rings of "cold light" illumination that are housed in a "doughnut-shaped" aluminum reflector. They are built to produce bright, cool, uniform and shadow-free illumination.

Once a Mic-O-Lite is attached to a microscope or camera virtually no light repositioning or adjustment is required. The quality of light, in most applications, remains unchanged regardless of magnification or working distance.

### ***General Characteristics***

### **Industrial Inspection Q.C. and Assembly**

Aristo's Mic-O-Lites are ideal sources of light for visual inspection in quality control and in the assembly of miniature parts and components under low power magnification. Completely encircling the microscope objective, the ring light surrounds components with light that emanates from every part of its plane.

Mic-O-Lite illumination spills into holes, indentations and crevices penetrating the deepest recesses and providing the viewer with visibility and details that would normally be obscured by the shadows other light sources create. Even the introduction of tools- such as a probe, pick or tweezers - into the light path will not produce shadows or obscure visibility.

Because the Mic-O-Lite is secured directly to the objective, it requires no repositioning and permits the hands of the operator unrestricted freedom of movement. The operator works efficiently, free of the discomfort of heat and the annoyance normally caused by cross-shadows.

Where cool, shadow-free illumination is a prerequisite for precision inspection, analysis and assembly, Aristo Mic-O-Lites have no equal.

### **Microcircuit Inspection and Fabrication**

Literally thousands of Mic-O-Lites are used daily in the microcircuit fabrication industry, attesting to the quality, performance and reliability of these unique ring lights. The total absence of glare, specular reflections and

strong shadows are characteristics which dramatically reduce eye fatigue, and guarantee more accurate inspection and greater precision in component assembly.

## Biological and Scientific Microscopy

When Mic-O-Lites are used in biological microscopy the problem of preserving the integrity of specimens, especially if alive, ceases to be a problem. The light from the Mic-O-Lite is cool, and therefore it may be used for extended periods of study without any adverse radiant effects on tissues, cultures or organisms.

Mic-O-Lites are also ideal for the observation of slow crystal formation in wet preparations. Temperature rise in the solution will not exceed approximately 2°C (4°F) above room temperature. Rapid evaporation is avoided, thus permitting much longer periods of observation than previously possible.

Subtle tonal variations, and accentuation of detail and texture in the specimen may be achieved by obscuring or masking a portion of the light.

### [View some of our Custom Lamp Configurations!](#)



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#### **MIC**

3" Reflector

Single ring light

1.5" I.D. 2-pin connector

#### **MICII-MACRO**

6" Reflector

3-ring light with 2.625" I.D.

3-pin round molded connector.



#### **MICII-2**

Same as **MACRO** except

4- ring light with 2.250" I.D





**MIC1**

4" Reflector

Double ring light

1.5" or 1.89" I.D. 2-pin connector



**A2131**

Right Angle Circular Lamp

**M1457-2**

4" Reflector

Double ring light with

1.5" or 1.89" I.D.

3-pin round molded connector



**M1457-3**

4" Reflector

Double ring light

with 1.5" or 1.89" I.D.

3-pin rectangular molded connector

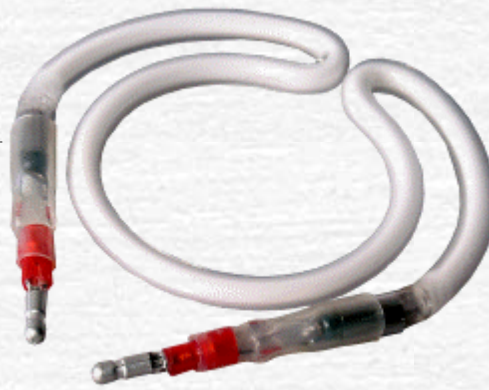
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## AG3131-57

Bauch & Lomb Microscope  
Model 31-31-57,  
Fluorescent ring lamp



## M1457-3-Goose Neck Series

4" Reflector  
Double ring light  
with flexible goose neck



## F1814 Series

Probe for the Olympus 3060 and  
Pacific Western Over-head  
MUX Prober



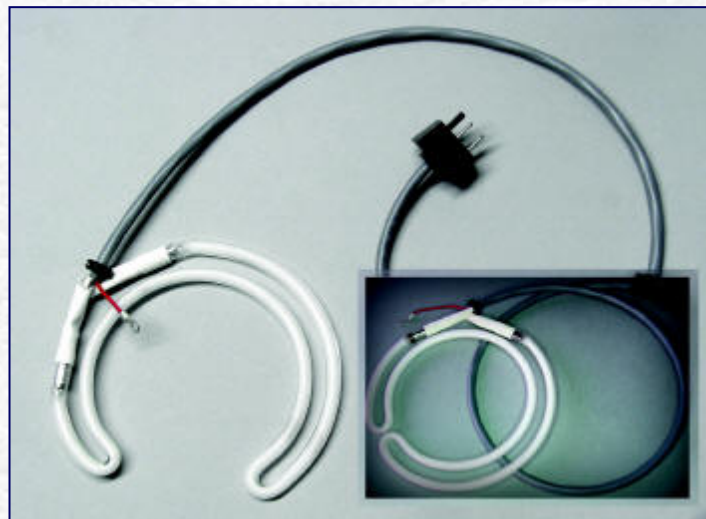
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Towel Bar &  
Ring Lamps





**T1610 Series**

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