

Light Not Working? Five Checks First.

A quick reference for a microscope light that will not come on.

5

Start at the wall and work up

Most dead lights are not dead at all. A loose cord, a dimmer left at zero, or a closed iris can look exactly like a burned-out lamp.



SCAN FOR VIDEO

✓ Do This

Power and cord

Check the outlet, the power strip, and the cord where it plugs into the scope.

Turn up the dimmer

The last person may have left it at zero.

Click the objective in

A half-turned nosepiece blocks the light.

Open the iris, raise the condenser

A closed diaphragm can look like a dead lamp.

Fuse and lamp

Unplug first. Replace only with the exact part your manual lists.

✗ Avoid This

Opening the base while plugged in

Always unplug before you touch the fuse or the lamp.

Using a close-enough bulb or fuse

The wrong part can overheat the lamp housing or damage the power board.

Touching a halogen bulb with bare fingers

Skin oil shortens bulb life. Handle it with a tissue or glove.

Still dark after all five

It may be the power supply, LED board, or wiring. That is a service call.

THE HABIT, EVERY TIME

STEP 1**Power and cord****STEP 2****Dimmer****STEP 3****Objective in****STEP 4****Iris and condenser****STEP 5****Fuse and lamp**

Questions or want a hands-on refresher for your team?

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