

Half the Field Is Dark? Check the Light Path.

A quick reference for a black edge or dark crescent in the view.

4

Something in the light path is out of place

A black edge, a dark crescent, or a dark ring usually means part of the light path is not where it belongs. Check these four, top to bottom, before you call for service.



SCAN FOR VIDEO

✓ Do This

Click the objective into place

A nosepiece stopped between clicks blocks part of the view. Turn it until it clicks.

Swing the condenser in and raise it

A condenser swung out or dropped low leaves a dark edge.

Center the condenser

Off-center light shows as a dark crescent on one side. Center it with the centering screws.

Open the field diaphragm

A closed field stop shows as a dark ring around the view.

Then set up Köhler

For the best image, follow the Köhler guide. It covers centering step by step.

✗ Avoid This

Forcing the nosepiece

If it will not click into place, stop. Forcing it can damage the objectives.

Turning up the light instead

More light does not fix a blocked light path.

Forcing the centering screws

If the condenser will not center or stay put, that is a service call.

Still dark after all four

Something in the light path may be loose or broken. Call us.

THE HABIT, EVERY TIME

STEP 1

Objective clicked in

STEP 2

Condenser in and up

STEP 3

Condenser centered

STEP 4

Field diaphragm open

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

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