

# Nanodyne Replacement Illuminator for Nikon Optiphot Top Installation Instructions - Included Items

## Additional Items Included But Not Shown:

PN 11145 T2PIHP3 Illuminator Assy  
w Offset Lens - Side Adjust

PN 10490 Hex Key 5/64 inch (for securing illuminator to adapter)

PN 10566 Hex Key 2.5mm long arm ball end (for M3 SHCS to attach adapter to microscope)

The illuminator may be powered by plugging the cable into the power supply provided, or into a suitable USB port on a computer or other device.



PN 11163 Power Supply 5V 2.1A and PN 10734 Power Cable 1.35mm ID/3.5mm OD x USB A 6 ft.

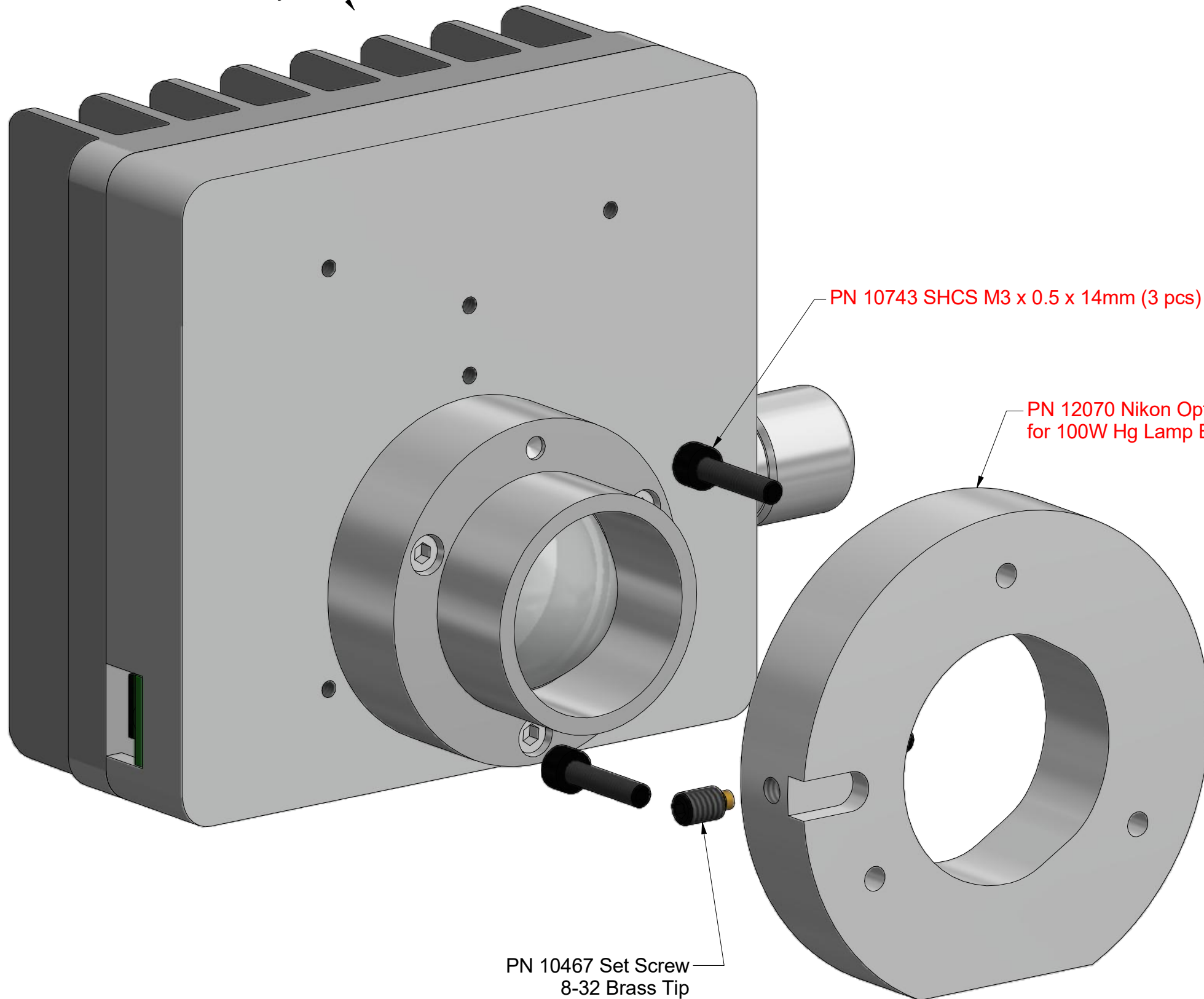
Power supplies are subject to substitution without notice due to availability issues and changes in regulations.



PN 10736 Rubber plug to block unused AC power receptacle.



3M VHB tape to secure pot cable



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Nanodyne Replacement Illuminator for Nikon Optiphot Top Microscope Installation Instructions - Step 1. Remove Original Lamp Housing and Mounting Ring.



Photo 1a

1. Original lamp housing.



Photo 1b



Photo 1c

2. Original lamp housing removed.

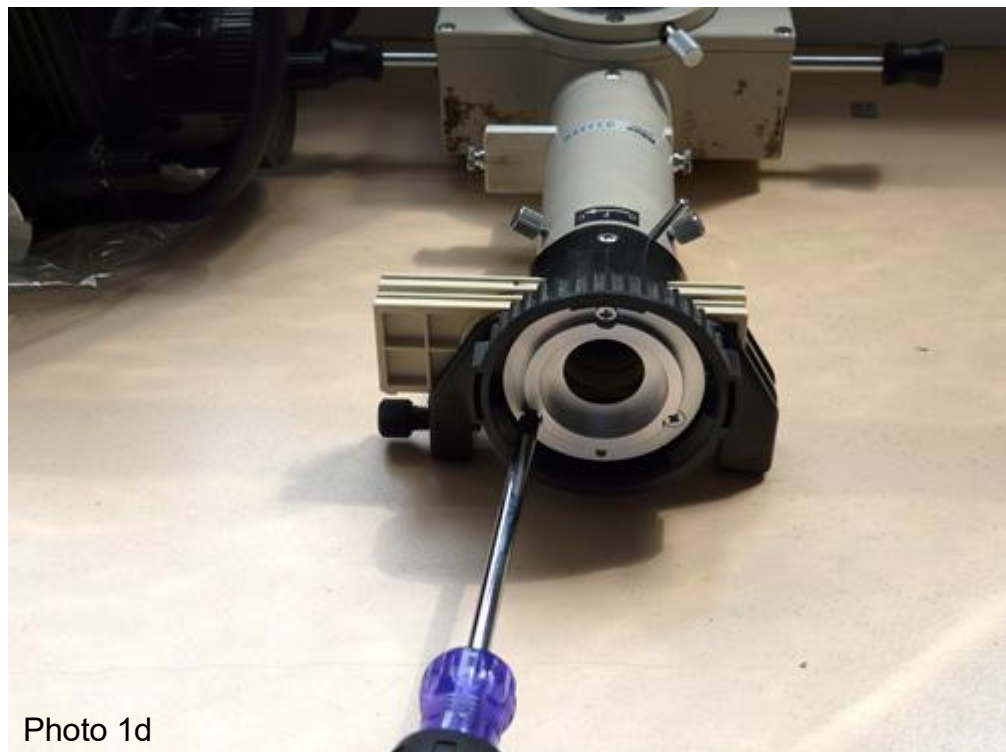


Photo 1d

3. Remove mounting ring screws.



Photo 1e

4. Microscope port after removing the original mounting ring.

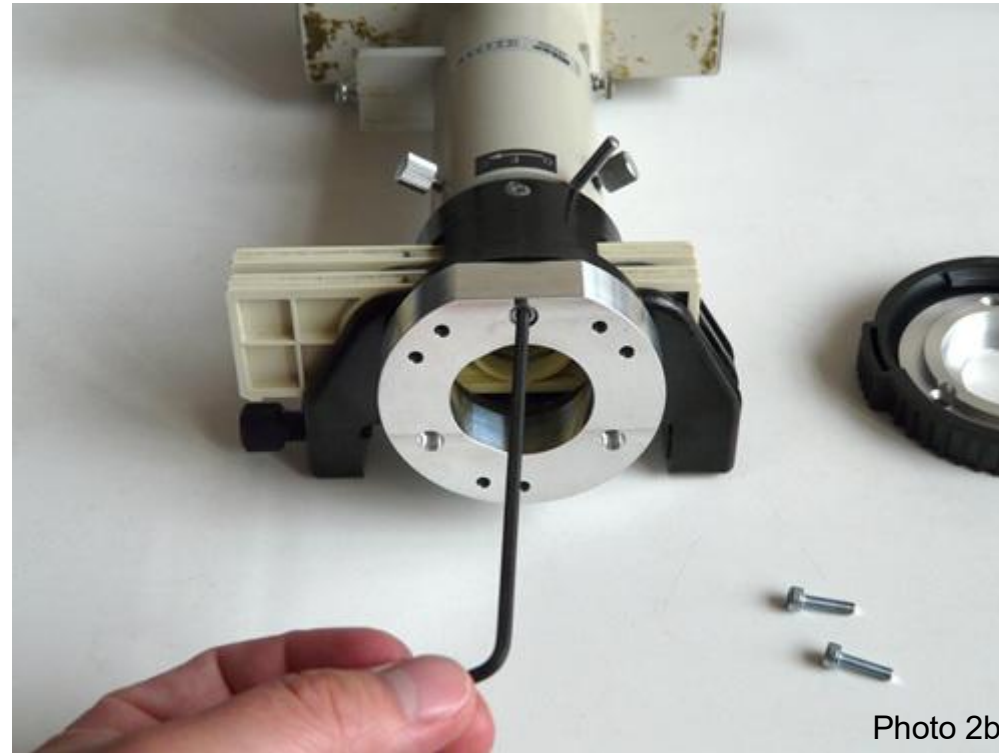
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Nanodyne Replacement Illuminator for Nikon Optiphot Top Microscope Installation Instructions - Step 2. Install Nanodyne Adapter and Illuminator.



1. Align the Nanodyne adapter with the microscope.



2. Secure the Nanodyne adapter to the microscope with the included screws (M3 x 0.5 x 14mm).



3. Insert the Nanodyne illuminator into the Nanodyne adapter.



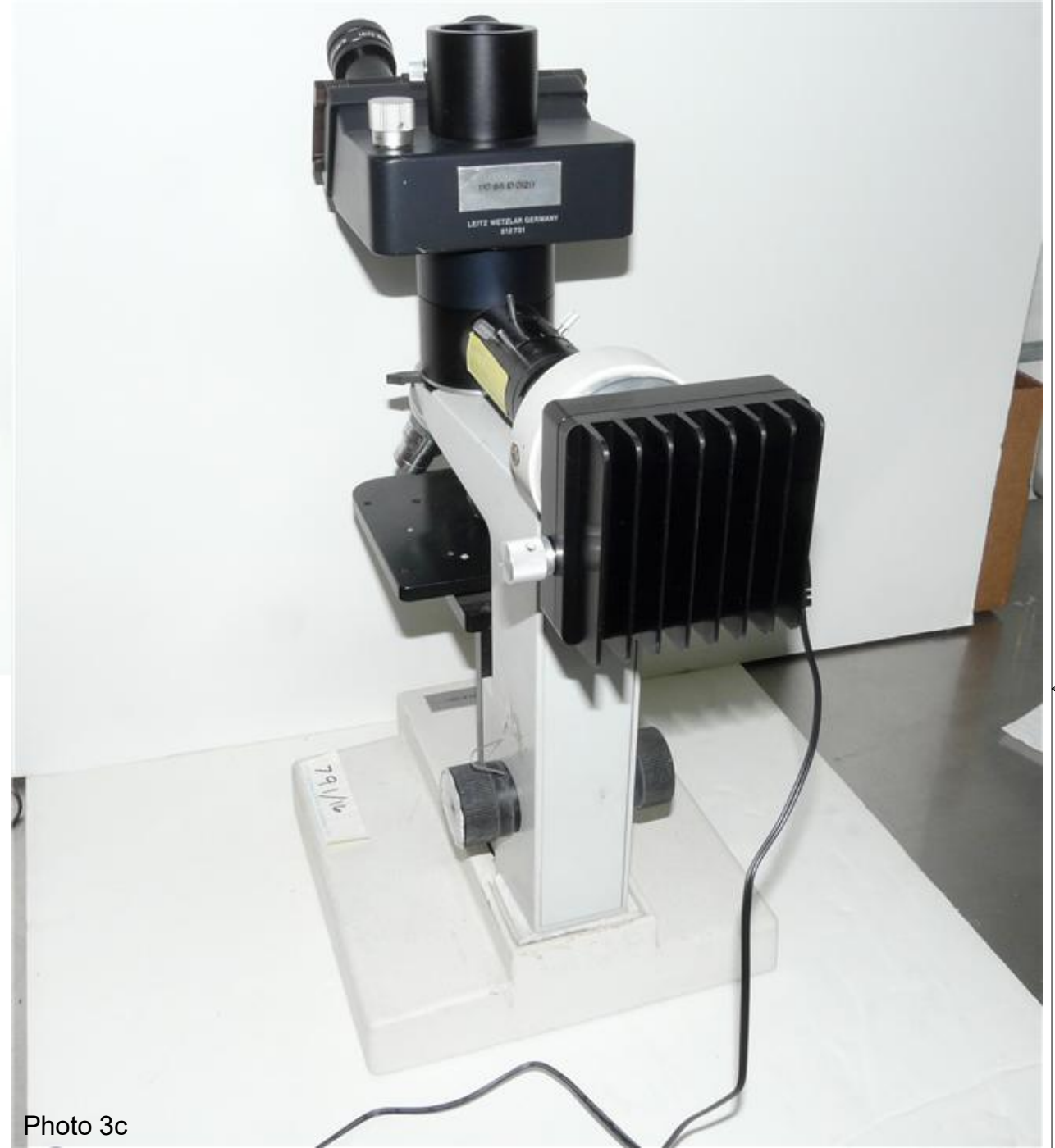
3. Insert the Nanodyne illuminator into the Nanodyne adapter (continued).



4. Secure the illuminator by tightening the set screw with the 5/64 inch hex key as shown above.

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Nanodyne Replacement Illuminator for Nikon Optiphot Top Microscope Installation Instructions - Step 3. Connect new Power Supply.



\*Note: Photos show Leitz HM LUX microscope, however the plug-in procedure is same.

Connect the USB end of the power cable to the power supply.

Plug the power supply into an outlet.

Plug the other end of the power cable into the illuminator as shown in the photos.

It is now ready to use.

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