

RayUV_Raytector.faq

Q: How does the Raytector (R5) light differ from other models?

A: The Raytector has a higher wattage, making it the best choice for any distance application. This is the best choice for field use (DC operation). It is the most economical and powerful rechargeable UV light on the market.

Q: How close to the object does the light need to be?

A: This varies, however when using this for minerals, we recommend approximately 6 to 8 inches away.

Q: How long do the bulbs last?

A: The bulbs last approximately 600 hours.

Q: Are bulbs easily changed?

A: Yes. First switch off the lamp and place it on its back. Remove the four screws located on either side of the lens cover. Then rotate the tube ¼ turn and slip out of the socket. Replace with #11-054 shortwave and #11-071 longwave tubes. Reassemble the lamp.

Q: How long with the battery last?

A: The battery will last you approximately 3 to 5 years, depending on usage.

Q: Can I change the battery myself?

A: Yes, just follow these instructions:

1. Remove the black plastic cover by removing the (4) Philip screws. Cover will now slide off.
2. Remove the filter glass assembly by removing the (4) Philip side screws.
3. Separate the body halves by removing the (3) Philip screws recessed in the body. The outer labels will prevent the halves from separating. You can avoid cutting the labels by hinging the halves carefully at the labels.
4. Once the lamp is open, you can see the battery. Remove the battery bracket by removing the (2) Philip screws.
5. Remove the battery. Carefully pull off the slip-on leads. Note the polarity, red for positive, black for negative.
6. Replace the battery with a Panasonic valve regulated lead-acid battery. Model No. LC-RO64R5CH (available from Radio Shack) or equivalent.
7. To reassemble, reverse the above steps.
8. Dispose of the old battery in a proper manner.

Q: How big is the Raytector (R5)?

A: 10" x 5.5" x 3"

Q: Will the Raytector (R5) work in the daytime?

A: No, it is best used in a dark room or at night.

Q: How do I operate the Raytector (R5) on the battery?

A: Your new Raytector (R5) has a built-in rechargeable sealed lead acid battery designed for long life. When the on/off switch is depressed, the green indicator light will light indicating the lamp is in operation. Battery operation will give the lamp 5 to 7 hours of use when fully charged.

Q: How do I clean the filters?

A: Use a soft cloth with Windex.

Q: What is the output intensity at 6"?

A: The SW produces 190 microwatts/CM². The LW produces 180 microwatts/CM².