



REPTISUN® LED UVB

INSTRUCTIONS

ITEM#'s: LF-101, LF-102,
LF-103, LF-104
and LF-105

LED + T5 HO UVB COMBO TERRARIUM HOOD

Congratulations on your purchase of Zoo Med's ReptiSun® LED UVB Light Fixture! Please read the following instructions carefully, as they will assist you with the proper set-up and operation of this light fixture. If you have any questions regarding these instructions or proper use of the item, please contact our customer service department by emailing zoomed@zoomed.com or by calling (888) 496-6633 (US and Canada only). Customers in other countries, please call (805) 542-9988.

FEATURES:

- Dimmable LEDs in 10% increments
- Independent timers to control T5 and LED lights
- Ramping LEDs that can be adjusted to dim from 0-99 minutes
- Slim design that's now only 6.25" wide, saves space on top of your pet's habitat
- Aluminum housing for efficient heat transfer and longer life
- Extendable sliding rails to rest the fixture's weight on the edges of your habitat frame (sliding brackets are fully removable)

IMPORTANT SAFETY NOTICE!

To reduce the risk of fire, injury, or electric shock, read and follow these instructions prior to operating this light fixture. Save these instructions for future reference.

⚠ WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH OF CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



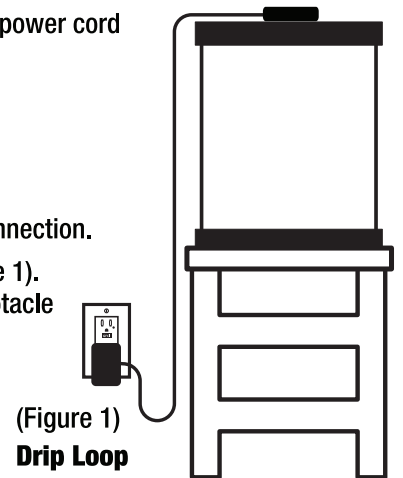
SAFETY INSTRUCTIONS:

To reduce the risk of electric shock, be sure that the fixture is unplugged during any of the following situations:

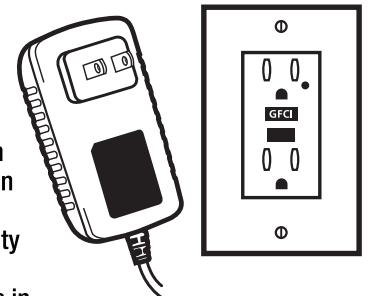
- Unplug when installing the fixture on or over your habitat.
- Unplug when performing habitat maintenance.
- Be sure that your hands are completely dry before plugging the fixture into an outlet.
- Unplug if the fixture comes into direct contact with water, or if any part of the fixture becomes wet (other than drops of water on the outside of the clear splash guard).
- Unplug when not in use.
- When unplugging the fixture, grab the plug to prevent damage to the power cord. Never pull on the power cord to unplug the fixture.
- DO NOT splice, repair, or modify the power cord. Inspect the power cord periodically for damage.
- For indoor use only.
- For use with terrariums only.
- Keep children and pets (other than your terrarium's inhabitants) away from the fixture.
- DO NOT alter or modify this product. Contact an electrician if you are unsure about the electrical connection.

DRIP LOOP: This fixture must be used near a grounded GFCI receptacle with a "drip loop" (see Figure 1). The drip loop will prevent water from running along the power cord and getting the plug or wall receptacle wet. To create a drip loop, be sure that a portion of the power cord is lower than the level of the wall receptacle as shown in Figure 1. If, for any reason, the plug or wall receptacle gets wet, do not grab or unplug the power cord until after the power has been switched off at the main fuse or circuit breaker.

GROUND FAULT PROTECTION: To reduce the risk of electric shock, this light fixture must be plugged into a GFCI receptacle (see Figure 2). If you are unsure about the electrical supply and connection, contact a qualified licensed electrician.



(Figure 1)
Drip Loop



(Figure 2)
Grounded 2-Pronged Plug
and GFCI Receptacle

WARRANTY:

Zoo Med Laboratories, Inc. (Zoo Med) warrants each REPTISUN® LED UVB Light Fixture to be free of defects in material and workmanship under normal use and service for one year from the date of purchase. The obligation under this warranty is limited to the repair or replacement, at Zoo Med's discretion, of the product or any part thereof, when the product is returned to Zoo Med, freight prepaid. No claim shall be allowed under this warranty if, in the opinion of Zoo Med, the REPTISUN® LED UVB Light Fixture has been subject to accident or improper usage, including but not limited to: water damage, improper storage, accidental dropping, etc. This warranty is in lieu of all other warranties and representations expressed or implied. Please include your receipt, full name, address, phone number, and email address along with a note explaining failure when sending any product back to Zoo Med. Please allow 4 to 6 weeks for repair or replacement.

INSTALLATION INSTRUCTIONS:

The fixture comes pre-installed with adjustable sliding rails. Adjust the brackets on each side equally to match your habitat's width and securely place the fixture on the habitat's frame. The brackets are optional and can be easily pulled out of the fixture entirely if desired.

Once the fixture is securely resting on top of the habitat, plug it into an appropriate GFCI-protected outlet with a drip loop (see Figures 1 and 2). Install the included CR2025 battery in the back of the remote control to power it on.


OPERATING INSTRUCTIONS:

To manually operate the fixture, press the T5 on/off  button or the LED on/off  button while aiming the remote towards the fixture's display screen.

AUTOMATION INSTRUCTIONS:




- Aim the remote towards the fixture's display screen while programming.
- Time is displayed/programmed using 24-hour 'military' time format (i.e., 8:30 AM displays as 08:30 and 8:30 PM displays as 20:30).
- If an invalid setting has been entered, the LEDs will flash 3 times to indicate an error. The Error code will appear on the display screen. You will need to restart the programming step.
- If the fixture is unplugged from the wall or a power outage occurs, your settings will need to be reprogrammed.



1. SET THE CLOCK

Press the clock  button on the remote. The LEDs will flash once as well as the digits on the fixture's display screen. Enter the current time of day (in military time) using the remote's number pad. The LEDs will flash once to indicate settings were successfully programmed and the current set time will appear on the fixture's display screen.

2. PROGRAM LED LIGHT TIMER & SUNRISE/SUNSET




The fixture's LEDs have a sunrise and sunset feature. The LEDs gradually turn on at the programmed Day Start over a default 30-minute period and gradually dim over a default 30-minute period, turning off entirely at the programmed Day End. The sunset and sunrise durations can be adjusted separately from 0 to 99 minutes.

PROGRAM THE TIMER: Press the LED channel  button on the remote. '00 C2' will appear on the fixture's display screen to indicate you are programming the Channel 2 LED lights. Then, press the Day Start  button. The digits on the fixture's display screen will flash the current programmed LED Day Start. Enter the desired time for the LEDs to turn on (in military time) using the remote's number pad. The LEDs will flash once to indicate settings were successfully programmed and the display screen will read '00 C2' again. Then, press the Day End  button on the remote to enter the desired time for your LEDs to turn off (in military time). If successful, the LEDs will flash once and the display screen will display '00 C2' again.

CHANGE SUNRISE/SUNSET DURATION: If you don't want to change the default 30-minute ramp up and ramp down period, you can skip this step. Press the LED channel  button on the remote. '00 C2' will appear on the fixture's display screen. Then, press the LED Sunrise  button or LED Sunset button. '1F ##' (sunrise) or '2F ##' (sunset) will appear on the fixture's display screen. The ## indicates the current duration period in minutes. Use the remote's number pad to enter the desired ramp up or ramp down period in minutes. The LEDs will flash once to indicate the duration has successfully been set.

3. PROGRAM T5 HO UVB LIGHT TIMER

- **T5 DAY START:** For a more natural, gradual increase in light, we suggest setting the T5 light to turn on after your LED sunrise period has already been completed. For example, if your 'LED Day Start' is set for 07:00 with a 30-minute sunrise duration, set your 'T5 Day Start' for 07:30 or later.
- **T5 DAY END:** We suggest setting the T5 light to turn off before your LED sunset period begins. For example, if your 'LED Day End' is set for 18:00 with a 30-minute sunset duration, set your 'T5 Day End' for 17:30 or earlier.


To program, press the T5 channel  button on the remote. '00 C1' will appear on the fixture's display screen to indicate you are programming the Channel 1 T5 light. Then, press the Day Start  button. The digits on the fixture's display screen will flash the current programmed T5 Day Start. Enter the desired time for your T5 HO UVB light to turn on using the remote's number pad. The LEDs will flash once to indicate the programming was successful and the display screen will read '00 C1' again. Then, press the Day End  button on the remote, and enter the desired time for your T5 HO UVB light to turn off. The LEDs will flash once to indicate the programming was successful.

4. TURN ON AUTO MODE






After inputting your desired setting changes, press the Auto button on the remote. In Auto mode, the fixture will automatically turn the lights on/off with sunrise/sunset effects based on your programmed settings.

If the LED or T5 timer is not programmed, the fixture will not enter Auto mode. An error message 'C2:EE' (LED timer) or 'C1:EE' (T5 timer) will appear on the fixture's display screen to indicate which timer still needs to be programmed.

MANUAL MODE

A manual override of the timer can be done by pressing LED on/off  or T5 on/off . If the fixture is currently in the 'Auto' timer setting and both T5 and LED lights are on, when a manual 'off' event for either the T5 or LED channel occurs, that channel will not turn on again unless done so manually by pressing that channel's on/off button. Pressing the Auto  button will enter both channels into timer mode.

ADJUST LED BRIGHTNESS

Press the LED channel  button and then use the up  and down  arrows to adjust how bright the LEDs get; it can be adjusted in 10% increments. To save your settings press the Set  button. '00 C2' will display and you can make further programming adjustments to the LED channel if desired, or to exit programming press the Auto  button.

