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DMMBMFC DMMBMFC-RedLightTherapyLamp-54W-Infrared-18LED

DMMBMFC 54W 18 LED Red Light Therapy Lamp User Manual

Model: DMMBMFC-RedLightTherapyLamp-54W-Infrared-18LED

1. Introduction

The DMMBMFC 54W 18 LED Red Light Therapy Lamp is designed to provide targeted light therapy using a combination of 660nm deep red and 850nm near-infrared LEDs. This device features an adjustable lamp holder with a clamp for versatile positioning, allowing for convenient use in various settings. It is intended for indoor use to support general well-being.

2. Package Contents

Please verify that all items listed below are included in your package:

- 1 x Red Light Therapy Lamp (54W, 18 LEDs)
- 1 x Clamp with Lamp Holder (E26/E27 compatible)
- 1 x 1.5m Power Cord (for 110V)
- 1 x English Instruction Manual



Image: The DMMBMFC 54W 18 LED Red Light Therapy Lamp with its adjustable clamp holder.

3. Specifications

Brand	DMMBMFC
Model Name	DMMBMFC-RedLightTherapyLamp-54W-Infrared-18LED
Power Consumption	54 Watts
Light Source Type	LED
Number of LEDs	18 (9x 660nm Deep Red, 9x 850nm Near Infrared)
Wavelengths	660nm (Red), 850nm (Near Infrared)
Irradiance	> 141mW/cm² (at target distance)
Beam Angle	60 Degrees

Bulb Base	E26/E27
Voltage	100-240 Volts, 60 Hertz
Material	Aluminum (for heat dissipation)
Dimensions	4.76"W x 4.76"H
Item Weight	1.72 pounds
Lifespan	50,000+ hours
Indoor/Outdoor Usage	Indoor Only

4. Setup Instructions

1. **Attach the Red Light Therapy Lamp:** Carefully screw the red light therapy bulb into the E26/E27 socket of the lamp holder until secure.
2. **Secure the Clamp:** Identify a stable surface (e.g., desk, shelf, headboard) where you wish to position the lamp. Open the clamp and firmly attach it to the desired surface. Ensure the clamp has a strong grip to support the lamp's weight.
3. **Adjust Position:** Use the adjustable light pole to angle the lamp as needed. The flexible design allows for precise positioning towards the target area.
4. **Connect to Power:** Plug the 1.5m power cord into a standard 110V electrical outlet.



Image: An illustration detailing the components of the clamp lamp holder, including the adjustable pole, lamp installation interface, ON/OFF switch, and power plug.

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Video: A demonstration of assembling and positioning the red light therapy lamp with its clamp holder.

5. Operating Instructions

1. **Power On:** Locate the ON/OFF switch on the power cord and slide it to the "ON" position. The red LEDs will illuminate. Note that the 850nm near-infrared LEDs are invisible to the naked eye, so only half of the chips may appear illuminated.
2. **Positioning:** Position the lamp 3 to 6 inches away from the skin surface of the target area. The adjustable light pole allows for flexible aiming.
3. **Session Duration:** For optimal results, use the device for 5 to 25 minutes per session, with 20 minutes being a common recommendation for targeted treatment areas such as the face, shoulders, knees, or waist.
4. **Power Off:** After your session, slide the ON/OFF switch to the "OFF" position.



Image: Visual representation of 660nm red light for skin health and hair regrowth, and 850nm near-infrared light for deep tissue repair and pain relief.



Image: A woman enjoying a red light therapy session, demonstrating typical usage for body areas.

6. Safety Guidelines

- **Eye Protection:** Avoid direct eye exposure to the light. It is recommended to wear protective eyewear during use, especially when treating areas near the face.
- **Indoor Use Only:** This device is designed for indoor use. Do not expose it to water or use it in damp environments.
- **Ventilation:** Ensure adequate ventilation around the lamp during operation to prevent overheating. The aluminum heat sink is designed for efficient heat dissipation.
- **Power Compatibility:** Only use the provided 1.5m power cord with a 110V electrical outlet. Ensure the voltage matches your local power supply.
- **Children and Pets:** Keep the device out of reach of children and pets.
- **Medical Advice:** Consult with a healthcare professional before using this device if you have any medical conditions, are pregnant, or are taking medications that may increase light sensitivity.
- **Inspection:** Regularly inspect the device for any damage to the cord, plug, or lamp. Do not use if damaged.



Image: An illustration demonstrating how 660nm red light and 850nm near-infrared light penetrate the epidermis, dermis, and hypodermis layers of the skin.

7. Maintenance

- **Cleaning:** Ensure the device is unplugged and cool before cleaning. Wipe the surface of the lamp and holder with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and moisture when not in use.
- **Heat Dissipation:** The lamp features built-in aluminum cooling fins. Do not obstruct these fins during operation to ensure proper heat dissipation and prolong the device's lifespan.

8. Troubleshooting

Device does not turn on:

- Check if the power cord is securely plugged into both the lamp holder and the electrical outlet.
- Ensure the ON/OFF switch on the cord is in the "ON" position.

- Verify that the electrical outlet is functional by plugging in another device.

Some LEDs do not appear to be working:

The DMMBMFC Red Light Therapy Lamp uses both 660nm (red) and 850nm (near-infrared) LEDs. The 850nm near-infrared LEDs are invisible to the naked eye. It is normal for only the red LEDs to be visibly illuminated during operation, while the near-infrared LEDs are still functioning.

Lamp holder is not stable:

- Ensure the clamp is securely fastened to a stable surface.
- Adjust the position of the lamp to balance its weight if necessary.

9. Warranty and Support

The DMMBMFC 54W 18 LED Red Light Therapy Lamp comes with a**12-month warranty** from the date of purchase. Additionally, a **30-day return/refund policy** is available. For any product inquiries, technical support, or warranty claims, please contact DMMBMFC customer service through your original point of purchase.

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