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DMMBMFC DMMBMFC

DMMBMFC 54W Red Light Therapy Lamp User Manual

Model: DMMBMFC

1. Introduction

Thank you for choosing the DMMBMFC 54W Red Light Therapy Lamp. This device is designed to provide targeted red light and near-infrared light therapy for various applications. It features 18 high-power LEDs, combining 660nm deep red light and 850nm near-infrared light, optimized for effective therapy. The adjustable lamp holder and clamp allow for convenient, hands-free use. Please read this manual thoroughly before use to ensure proper operation, safety, and maintenance of your device.

2. Package Contents

Verify that all components are present in the package:

- 1 x Red Light Therapy Lamp (54W, 18 LEDs)
- 1 x Clamp with Lamp Holder
- 1 x 1.8m Power Cord (for 110V)
- 1 x English Instruction Manual



Figure 1: DMMBMFC 54W Red Light Therapy Lamp with included clamp and power cord.

3. Setup Instructions

1. **Attach the Lamp to the Holder:** Screw the red light therapy bulb into the E26/E27 compatible lamp holder until secure.
2. **Secure the Clamp:** Use the integrated clamp to attach the lamp holder to a stable surface, such as a desk, shelf, or headboard. Ensure the clamp has a firm grip to prevent the lamp from falling.
3. **Adjust Position:** The lamp holder features a flexible neck and adjustable joint, allowing you to position the light precisely. Move the button on the holder to fix or adjust the lamp's angle and direction.
4. **Connect Power:** Plug the 1.8m power cord into a standard 110V electrical outlet.



Figure 2: Detailed view of the lamp holder, clamp, power cable, and on/off switch for easy setup.

4. Operating Instructions

1. **Power On:** Locate the on/off switch on the power cord and toggle 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 approximately half of the chips will appear illuminated.
2. **Positioning:** For optimal results, position the lamp 3-6 inches away from the target area (face, shoulder, knee, waist, etc.).
3. **Session Duration:** Recommended treatment time is 5-25 minutes per session, per area.
4. **Eye Protection:** It is recommended to wear eye protection during use, especially when treating areas near the face, to shield your eyes from the bright red light.
5. **Power Off:** After your session, toggle the on/off switch to the 'OFF' position and unplug the device from the electrical outlet.



Figure 3: Recommended usage distance (3-6 inches) and session duration (5-25 minutes) for effective red light therapy.



Figure 4: Wavelengths and irradiance levels of the 660nm red and 850nm near-infrared LEDs.

5. Maintenance

- **Cleaning:** Ensure the device is unplugged before cleaning. Use a soft, dry cloth to wipe the surface of the lamp and holder. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and moisture when not in use.
- **Inspection:** Periodically inspect the power cord and lamp for any signs of damage. If any damage is found, discontinue use and contact customer support.

6. Troubleshooting

- **Lamp Not Turning On:**
  - Ensure the power cord is securely plugged into a working electrical outlet.
  - Check that the on/off switch is in the 'ON' position.

- Verify the bulb is properly screwed into the lamp holder.

- **Only Half of the LEDs are Visible:** This is normal operation. The 850nm near-infrared LEDs are not visible to the human eye. Only the 660nm deep red LEDs will emit visible light.

7. Specifications

Feature	Detail
Brand	DMMBMFC
Model Name	DMMBMFC
Light Type	LED
Wattage	54 watts
LED Count	18 (9x 660nm Red, 9x 850nm Near Infrared)
Bulb Base	E26
Beam Angle	60 Degrees (with optical lens)
Irradiance	> 141mW/cm2
Voltage	100-240 Volts (50-60 Hertz)
Material	Aluminum (with cooling fins)
Life Span	50,000+ hours
Special Feature	Portable, Adjustable Clamp Holder
Product Dimensions	4.7"W x 4.7"H



Figure 5: High-power 18-LED bulb design with deep red (660nm) and near-infrared (850nm) LEDs.

8. Safety Information

- Always wear eye protection when using the device, especially when treating areas near the eyes.
- Do not stare directly into the light source.
- Keep the device out of reach of children.
- Do not use the device in wet environments or with wet hands.
- If you experience any discomfort or adverse reactions, discontinue use immediately and consult a healthcare professional.
- This device is for personal use and is not intended to diagnose, treat, cure, or prevent any disease.

9. Warranty and Support

The DMMBMFC 54W 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 warranty claims, technical support, or any questions regarding your product, please contact DMMBMFC customer service through the retailer where the product was purchased.

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