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› PureOptics LED Verve Designer Desk Lamp LED2200-USB-BK User Manual

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Model: LED2200-USB-BK

1. INTRODUCTION

Thank you for purchasing the PureOptics LED Verve Designer Desk Lamp. This manual provides essential information for the safe and efficient operation of your new desk lamp. The Verve Designer series features a durable, sleek design with anodized aluminum beams, offering focused illumination and a range of lighting options. It includes a built-in USB charging port for convenience.



Image 1.1: PureOptics LED Verve Designer Desk Lamp.

2. IMPORTANT SAFETY INSTRUCTIONS

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not operate the lamp with a damaged cord or plug.
- Do not expose the lamp to water or moisture. This product is for indoor use only.
- Do not attempt to disassemble or modify the lamp. There are no user-serviceable parts inside.
- Keep the lamp away from heat sources and direct sunlight.
- Ensure the lamp is placed on a stable, flat surface to prevent tipping.
- Unplug the lamp from the power outlet before cleaning or when not in use for extended periods.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- PureOptics LED Verve Designer Desk Lamp (Model LED2200-USB-BK)
- Power Adapter
- User Manual (this document)

4. PRODUCT OVERVIEW

The Verve Designer Desk Lamp features a modern design with adjustable components and intuitive touch controls.



Image 4.1: Verve Designer Desk Lamp components and controls.

Key Components:

- **Adjustable Lamp Shade:** Can be rotated 180 degrees horizontally and 30 degrees vertically for precise light direction.
- **Lightweight Aluminum Beam:** Provides structural support and houses the LED light source.
- **Swivel Base:** Allows for rotation of the lamp on its base.
- **USB Charging Port:** Located on the base for convenient device charging (5V/1A).
- **Touch Control Panel:** Integrated into the lamp head for power, dimming, white light adjustment, and RGB color tuning.

5. SETUP INSTRUCTIONS

Follow these steps to set up your desk lamp:

1. **Unpack:** Carefully remove all components from the packaging.
2. **Assemble (if required):** If the lamp arm is separate from the base, gently insert the arm into the designated slot on the base until it is securely seated. Ensure the connection is firm.
3. **Position:** Place the lamp on a stable, flat surface.
4. **Connect Power:** Insert the power adapter cable into the DC input port on the back of the lamp base. Plug the power adapter into a standard electrical outlet.

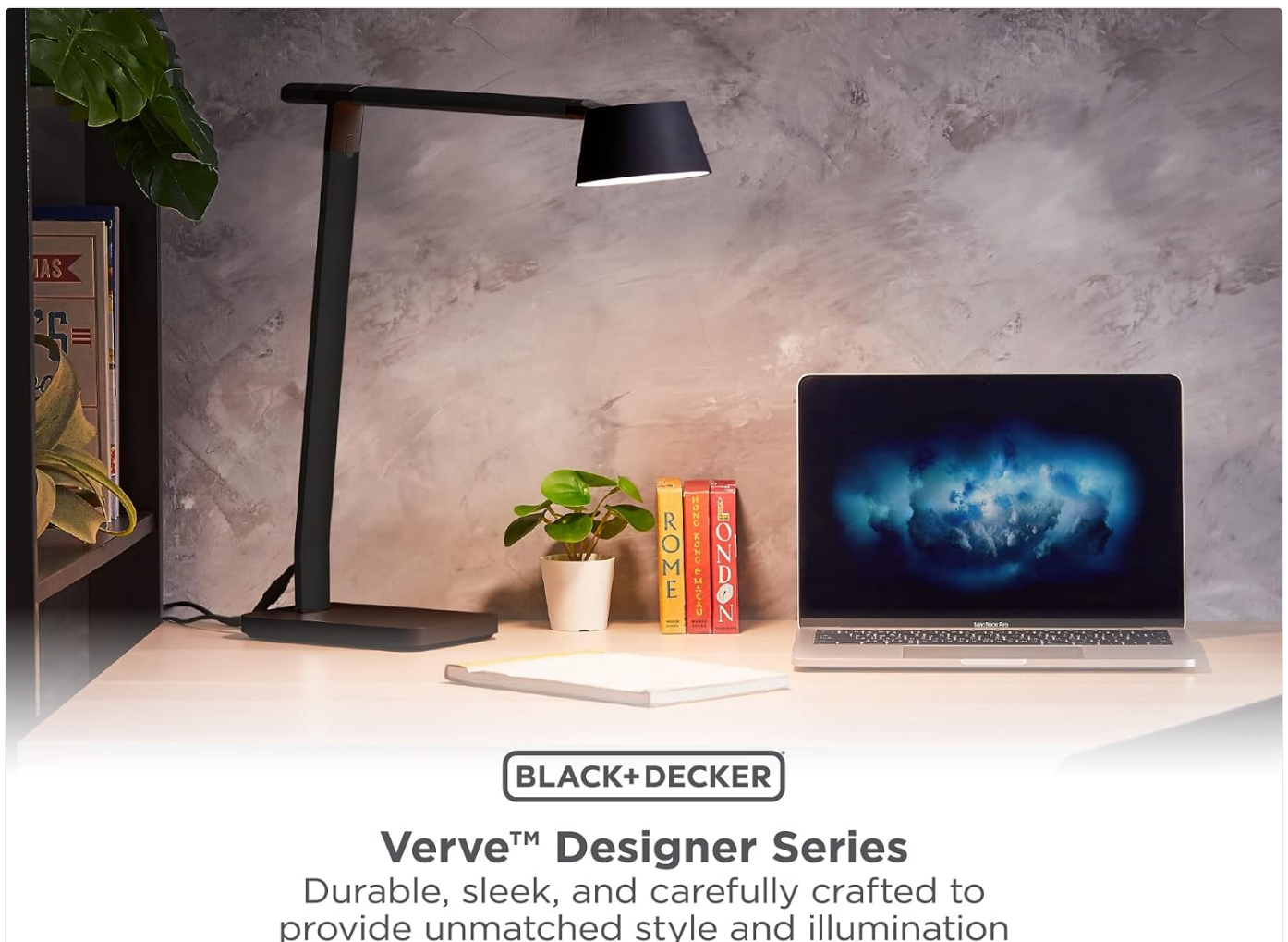


Image 5.1: Lamp positioned on a desk.

6. OPERATING INSTRUCTIONS

The lamp features touch-capacitive buttons for control.

6.1. Power On/Off and Dimming

- **Power Button (*):** Touch once to turn the lamp on or off.
- **Dimming:** When the lamp is on, press and hold the Power Button (*) to adjust the brightness from 0% to 100% (stepless dimming). Release when the desired brightness is reached.

6.2. White Light Adjustment

The lamp offers three adjustable color temperature modes for white light:

- **Mode Button (* with arrow):** Touch this button repeatedly to cycle through the white light color temperatures:
 - Warm White Light (3000K) - Ideal for relaxation.
 - Natural Daylight (4000K) - Suitable for reading.
 - Cool White Light (6000K) - Best for tasks and focus.

6.3. RGB Color Tuning

The lamp can display 16 million RGB colors.

- **RGB Button (* with color wheel):** Touch this button to activate RGB color mode.
- **Single Color Mode:** While in RGB mode, touch the RGB button repeatedly to cycle through various preset colors.
- **Color-Changing Mode:** Press and hold the RGB button to initiate a smooth transition through the 16 million color spectrum. Release to select a specific color, or press again to pause/resume the transition.



Dimming

0% - 100% Stepless Dimming

Adjustable White Light

Warm White Light (3000K)
Natural Daylight (4000K)
Cool White Light (5000K)

16 Million Colors

Single Color Mode
Color-Changing Mode

Image 6.1: Visual representation of lighting modes.

6.4. USB Charging Port

A built-in USB port (5V/1A) is located on the lamp base for convenient charging of compatible devices.

- Connect your device's USB charging cable to the USB port on the lamp base.
- Ensure the lamp is plugged into a power outlet for the USB port to function.



Image 6.2: Smartphone charging via the lamp's USB port.

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your lamp.

- **Cleaning:** Always unplug the lamp before cleaning. Use a soft, dry cloth to wipe the lamp's surfaces. Do not use abrasive cleaners, solvents, or harsh chemicals, as these may damage the finish.
- **LEDs:** The integrated LED light source is designed for long-term use and is not user-replaceable.
- **Storage:** If storing the lamp for an extended period, unplug it and store it in a cool, dry place.

8. TROUBLESHOOTING

If you encounter issues with your lamp, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Lamp does not turn on.	No power supply.	Ensure the power adapter is securely plugged into both the lamp and a working electrical outlet.
Light is too dim or too bright.	Brightness setting needs adjustment.	Press and hold the Power Button (⌘) to adjust the brightness level.
USB charging port is not working.	Lamp not powered or device cable issue.	Verify the lamp is plugged in and powered on. Try a different USB cable or device to rule out cable/device issues.
Cannot change light color or mode.	Incorrect button usage.	Ensure you are using the correct touch button for white light (⌘ with arrow) or RGB color (⌘ with color wheel) adjustment.

9. SPECIFICATIONS

Technical details for the PureOptics LED Verve Designer Desk Lamp:

Feature	Detail
Model Number	LED2200-USB-BK
Product Dimensions	14.96"D x 4.72"W x 17.32"H
Item Weight	1.5 Pounds
Material	Aluminum
Light Source Type	LED
Wattage	18 watts
Voltage	5 Volts (DC)
Color Rendering Index (CRI)	90
White Light Color Temperatures	3000K, 4000K, 6000K
RGB Colors	16 Million
Dimming	Stepless (0-100%)
USB Output	5V/1A
Control Method	Touch
Indoor/Outdoor Usage	Indoor

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact PureOptics LED customer service. Keep your proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question