LED Pro Multiwave Light System

User Manual



SKIN+ACT

www.skinact.com | www.spaandequipment.com

Toll Free: 1.800.418.0830

Copyright © 2025 SkinAct, All Rights Reserved

NOTICE

No part of this document may be photocopied, reproduced, or translated into any other language without prior written consent of SkinAct.

The information in this document is subject to change without notice at any time and should not be construed as a commitment by SkinAct. SkinAct assumes no responsibility for any errors that may be in this document, nor does it make expressed or implied warranty with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose.

SkinAct shall not be liable for incidental or consequential damages arising out of the furnishing, performance, or use of this document and the program material which it describes.

SKIN+ACT

www.skinact.com | www.spaandequipment.com

Toll Free: 1.800.418.0830

Unpacking:
Thank you for purchasing the LED Pro Multiwave Light Therapy by SkinAct. Each unit has been thoroughly tested and shipped in perfect operating condition. Carefully inspect the shipping carton for any damage that may have occurred during transit. If the carton appears damaged, check the unit for any signs of damage and ensure that all necessary accessories are included. If any parts are missing or damage is found, please contact our toll-free customer support at 1-800-418-0830 Monday-Friday 9am - 5pm PST for further instructions. Do not return the unit to your dealer without first reaching out to customer support.

Introduction:
The LED Pro Multiwave Light Therapy by SkinAct utilizes advanced Light Emitting Diodes (LEDs) to promote skin rejuvenation. This technology works by delivering specific wavelengths of light to activate cellular receptors, stimulating collagen production and cell regeneration. LEDs provide a natural, non-ablative method for skin enhancement, helping to improve skin texture, reduce fine lines, and support overall skin health.

Different wavelengths serve distinct functions:

- **Yellow and Green Light LED**s – Used for photo-rejuvenation and improving skin tone.
- **Blue Light LEDs** – Effective for acne treatment by targeting acne-causing bacteria.
- **Red Light LEDs** – Used in Photodynamic Therapy (PDT) to promote collagen production and skin healing.

By precisely controlling wavelengths, this device allows for targeted treatments, making it a versatile solution for various skin concerns.

General Introduction:
To ensure optimal performance, please read this manual carefully to become familiar with the basic operation of this unit. It contains essential safety information and maintenance guidelines. Keep this manual for future reference.

Features:
- Seven Modes: Red, Blue, Yellow, Red + Blue, Red + Yellow, Blue + Yellow, Total
- High Power & High Frequency for effective treatment
- Adjustable Arm & Treatment Head for precise positioning
- Large Treatment Area for comprehensive coverage
- 1,260 SMD LEDs for optimal light therapy
- Stable Output & Sleek Design for reliability and aesthetics

Warning & Caution

⚠ Warning! To prevent the risk of electrical shock or fire, do not expose this unit to rain or moisture.

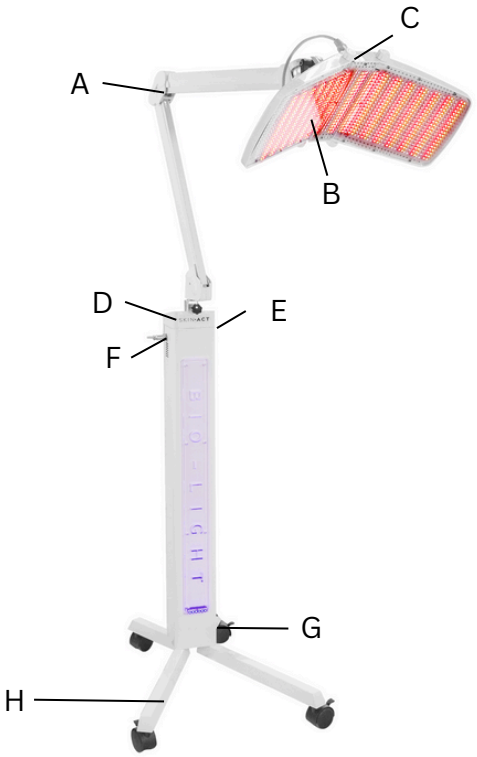
⚠ Caution! This unit contains no user-serviceable parts. Do not attempt repairs, as this will void the manufacturer's warranty. If service is required, please contact customer support.

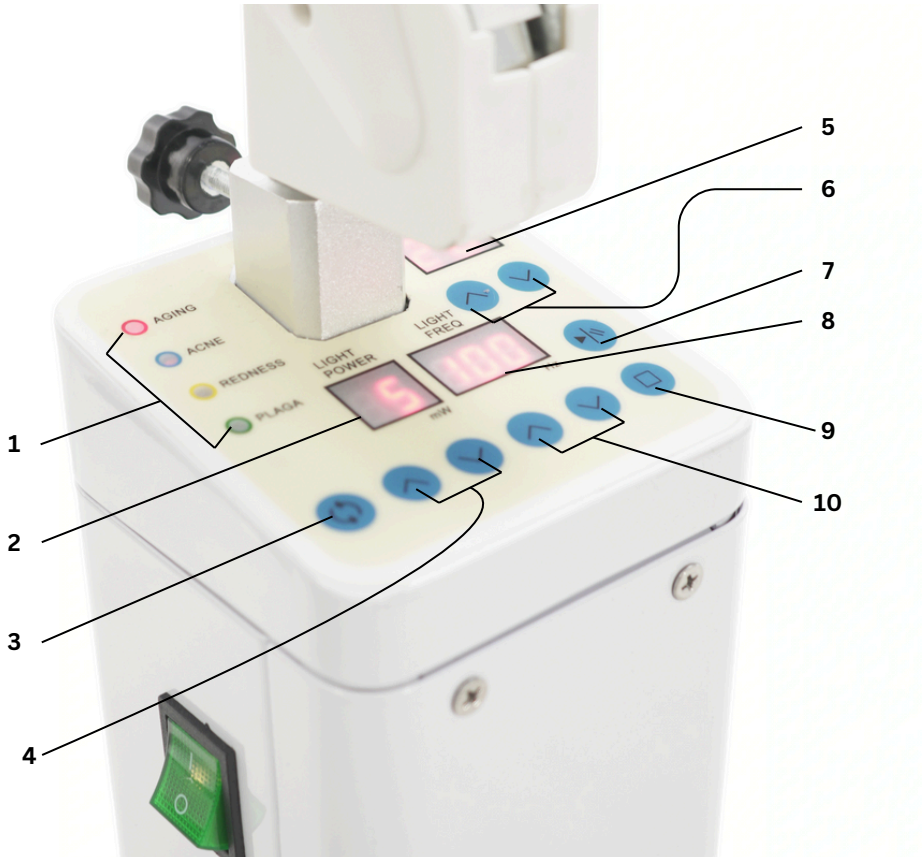
Safety Precautions

- Do not expose the unit to rain or moisture to prevent electrical shock or fire.
- Avoid spilling water or other liquids onto the unit.
- Ensure the power outlet voltage matches the unit's requirements.
- Do not operate if the power cord is frayed or damaged.
- Disconnect from the main power before making any connections.
- Do not remove the cover under any circumstances.
- Never operate the unit with the cover removed.
- Do not plug the unit into a dimmer pack.
- Mount the unit in a well-ventilated area, keeping at least 6" (15 cm) of clearance from walls.
- Do not use the unit if it is damaged.
- This product is designed for indoor use only—outdoor use voids all warranties.
- Disconnect the main power during long periods of non-use.
- Always mount the unit securely and on a stable surface.
- Route power cords to prevent tripping hazards or damage from pressure.
- Clean the unit according to the manufacturer's recommendations.
- Keep the unit away from water.

Machine Parts

A: Adjustable Arm
B: LED Treatment Head
C: Angle Adjustment Knobs for Treatment Head
D: Control Panel
E: Power Switch
F: Power Cord Fixture
G: Electrical Outlet
H: Rolling Base





Control Panel

1. **Indicator Lights** – Display the selected function (color).
2. **Screen 1** – Shows the current light power level.
3. **Function Selection Button** – Choose the desired light function (color).
4. **Power Adjustment Button** – Adjusts light power (1~10mW).
5. **Screen 2** – Displays the current treatment time.
6. **Time Adjustment Button** – Sets the treatment duration (1~30 min).
7. **ON/PAUSE Button** – Turns the light on or pauses treatment.
8. **Screen 3** – Displays the current light frequency.
9. **STOP Button** – Turns off the light and stops treatment.
10. **Frequency Adjustment Button** – Adjusts the light frequency.

What's in the package?

1. LED Pro Multiwave Light Therapy
2. Power Cord

How to get started?

1. **Power Supply:** Connect the machine to a power source using the power cord.
2. **Adjustable Arm:** Position the arm to achieve the optimal treatment angle.
3. **Treatment Head:** Adjust the angle of the treatment head and maintain a distance of 10cm–15cm from the treatment area.
4. **Power Switch:** Turn the machine on.

Operating Process

1. Wear the protective eye cover.
2. Turn on the machine.
3. Select the desired function (color).
4. Adjust the light frequency.
5. Set the light power level.
6. Adjust the treatment time.
7. Press "ON" to start; press again to pause if needed.
8. Press "STOP" to end the session.

Cautions

- The machine will automatically stop with an alert when the treatment time ends.
- Clean the treatment area before starting.
- Apply skincare products if needed.
- Recommended treatment duration: 20–30 minutes.

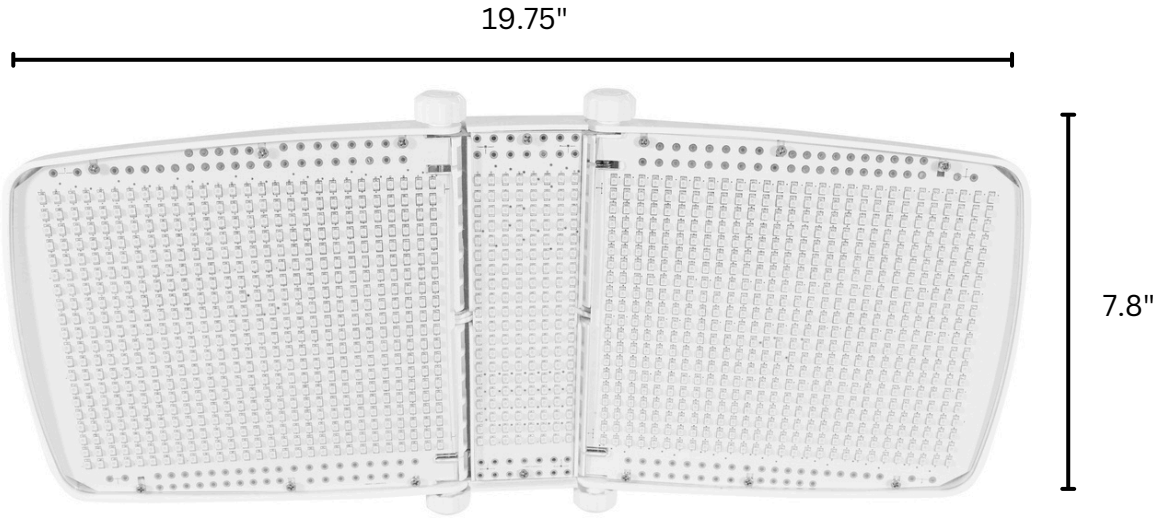
Treatment Setting:

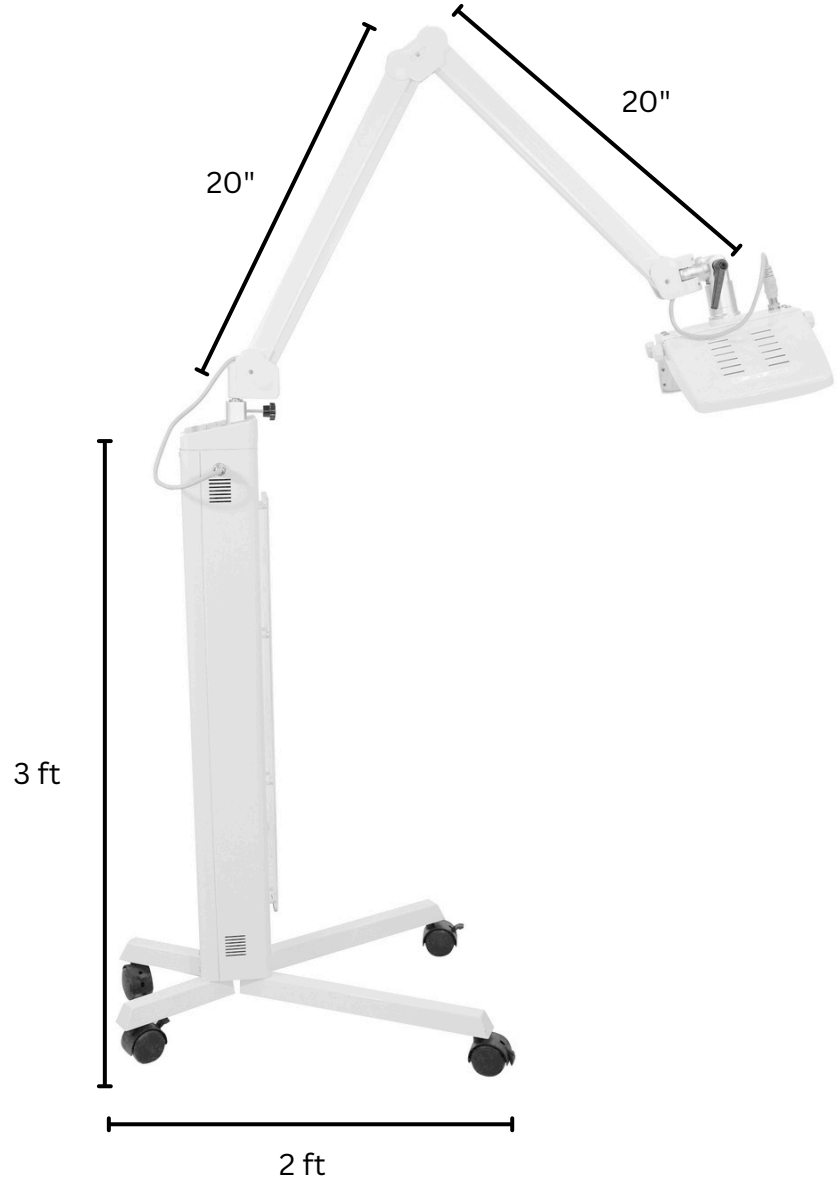
Function	Time(Minute)		Light Frequency(Hz)		Light Power(mW)	
	default	Value	default	Value	default	Value
Red	20	20~30	50	70~110	5	7~10
Blue	20	20~30	50	70~110	5	7~10
Yellow	15	20~30	50	70~110	5	7~10
Total	20	Fixed	50	70~110	5	7~10

Functions

- **Red Light:** Boosts collagen production up to five times, activates skin repair, and stimulates fibroblast cells for enhanced cell growth.
- **Blue Light:** Reduces redness while providing soothing, detoxifying, and draining effects. It also supports healthy lymphatic and blood circulation.
- **Yellow Light:** Purifies and soothes acne-prone skin with antibacterial properties, reduces facial fluid retention, and helps improve sensitive skin for a clearer complexion.
- **Total Mode:** Cycles through Red → Blue → Yellow, changing colors every 5 minutes.

Dimensions:





Environment	Temperature	Humidity
Operation	10℃ to 40℃ (50℉ to 104℉)	30% to 90% non-condensing
Storage	-15℃ to 70℃ (5℉ to 158℉)	30% to 90% non-condensing
Transportation	-15℃ to 70℃ (5℉ to 158℉)	30% to 90% non-condensing

Daily Maintenance

- Ensure the machine is used in an environment that meets the specified conditions.
- Turn off the power supply after each treatment, and unplug the power cord if the machine won't be in use for an extended period.
- If the machine won't be used for several days, cover the LED treatment head with a clean cloth or plastic wrap.
- Handle the LEDs carefully to avoid any damage.
- Regularly clean the LED treatment head. Turn off the power and allow the treatment head to cool down before cleaning.
- Do not use gasoline, alcohol, or chemicals to clean the treatment head or machine surface.
- Ensure the treatment head is completely dry before using the machine again.

Model:	SKU164688
Operating Screen:	Digital Controling
LED Colors:	Blue(470nm*+/-10*nm), Yellow(590nm*+/-10*nm), Red(*625nm+/-10nm*)
Light Power:	1-10 Levels Red Max: 40mW Blue Max: 60mW Yellow Max: 40mW
Light Frequency:	0-110 Hz
Treatment Area:	<=50cm×20cm
LED Numbers:	1,260
Gross Weight:	25 KG
Dimension:	70cm×45cm×142cm
Packing Size:	92cm×44cm×29cm
Electrical:	110VAC~240VAC,50Hz/60Hz