

SmarterLights™

HPLLED Powerheads

By Light Therapy Options, L.L.C.



The TriPeak™



The Peak 415™



The Pure Blue



The Pure Green



The Pure Amber



The Dual Care™



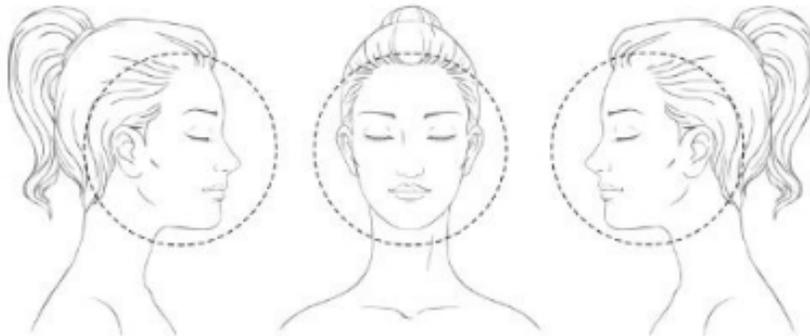
The Pure Red

Guidelines for Use

Quick Start Guide

For All SmarterLights™ Powerheads

1. Make sure you are not using any oral or topical medication that causes sensitivity to light. (Also known as photosensitivity.)
2. Gently wash your face or intended treatment area with a non-medicated cleanser. This will remove anything that may block or interact with the light.
3. Position the light approximately 2 to 5 inches away from your skin.
4. Grab a timer. (Use the timer on your smartphone.)
5. Shine the light on the left side of your face for **only** 30 seconds, then the center for 30 seconds, then the right side for 30 seconds.



That's it, you're done with your first treatment. Patiently wait for 24 hours. If you have no adverse reaction (and you shouldn't), increase the time on your next treatment to 60 seconds per area. Continue in this manner daily until your treatments reach 1.5 to 3 minutes per area.

Please take the time to read this complete User Guide to get the most use from your light.

Important

SmarterLights™ HPLED Powerheads are not medical devices. Therefore, be advised that none of the following statements have been evaluated by the FDA. SmarterLights™ and Light Therapy Options, L.L.C. does not make any medical claims. These products are not intended to treat, cure or prevent any disease. You should not consider information or equipment provided by SmarterLights™ or Light Therapy Options, L.L.C. to be the practice of medicine or to replace consultation with a dermatologist, physician, or other medical practitioner.

Lifetime Warranty

Your light is covered by a lifetime warranty. If your light fails through normal use, please contact us. For domestic orders, we will email you a prepaid USPS return shipping label with instructions. In the absence of any obvious physical abuse, we will replace your light with a brand new one, free of charge. International orders are responsible for return shipping.

Safety & Precautions

- Do not use during pregnancy.
- Do not use while you are taking any medication that causes photosensitivity. Consult your doctor or pharmacist if you have any concerns.
- Do not look directly into the light when lit.
- Protective eyewear has been provided and is required to be worn during all facial treatments, and all blue light treatments.
- When sharing your lights among family members, disinfect with an alcohol wipe between each use.
- Do not use with oral or topical photosensitizing agents.

General Guidelines for Use For All Powerheads

Versatility

Your light can be used in place of other devices for most applications where the same color or wavelength range is recommended. Always heed the safety and precaution guidelines.

Before Each Treatment

Cleanse the skin with a non-medicated cleanser and dry. This will remove anything that may block or interact with the light.

Light Distance

Position the light 2 to 5 inches away from the skin.

Treatment Time

Adhere to the treatment times for each individual product. Longer treatment times are not necessary and may lessen the effectiveness of your treatments.

Treatment Area

4 to 10 inch diameter. Variable with distance.

Light Angle

The angle of the light is important. Most of the human body is curved. Light has the greatest depth of penetration from the most direct angle.

After Each Session

Your regular skin care products may be applied according to your normal routine.

Session Frequency & Maintenance

Treat once or twice per day until the desired result is achieved, then reduce treatments to once or twice per week as needed to maintain those results.

The maximum treatment frequency is twice per day.

Color Therapy Guidelines For All Powerheads

Full Body Color Therapy

For full body color therapy treatments, use the light at a distance of 6 inches from the skin for 20 minutes per day or as directed by your healthcare professional.

Color Therapy Through the Eyes

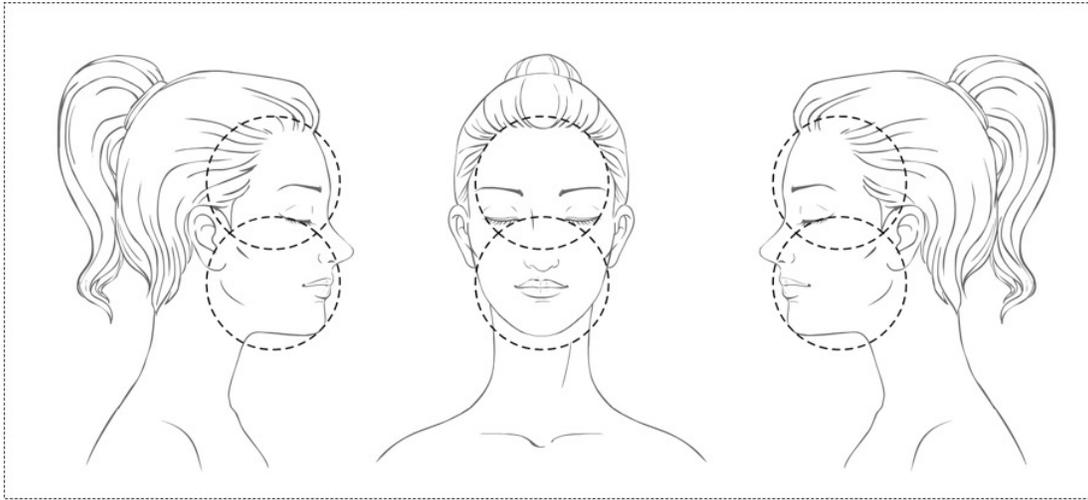
If your application requires light to be taken in through the eyes, always use **indirect** light. For example, bounce the light off the ceiling or the wall.

Never look directly into the LED Powerhead when it is on.

Usage Examples

Coverage of the Face

When treating your full face, follow the diagram below. Treat each area for the recommended treatment time.



Coverage of the Scalp

Divide your scalp into 5 areas:

1. the top of your head
2. the left side
3. the right side
4. the back
5. the hairline of your face

Treat each section for the recommended treatment time.



Please note: Model is shown using the light from 12 inches away. The updated recommendation is 3 to 5 inches away.

Choosing a Fixture for Your Powerhead



SmarterLights™ Powerheads are a standard **Edison Screw base (E26/E27)**, so they will drop in to any **open faced** fixture that suits your needs. Here are a few examples:



Socket and Cord Set

Creates: A handheld device.

Good For: Quick spot treatments. Also good for traveling.

Available at: Amazon or other online retailer.

Price: Is about \$12.

Notes: Choose UL listed for safety and a long cord for convenience.



Gaffer Grip

Creates: A clamp on or table top device.

Good For: Positioning the light in hard to reach areas.

Available at: www.smarterlights.com > Fixtures

Price: Is about \$29.

Notes: Compatible with the socket and cord set included with 120 volt powerheads.



Gooseneck Desk Lamp

Creates: A tabletop hands free device.

Good For: Routine facial treatments.

Available at: Staples or other office supply store.

Price: Is about \$18.

Notes: Choose a light with a strong neck to support the weight of the power head.



Floor Standing Fixtures

Creates: A professional mobile device.

Good For: Your salon, spa or practice.

Available at: Various online retailers.

Price: Is about \$100- \$150.

Notes: For multi headed lamps, search “Pibbs Lamps.”

SmarterLights™ HPLED Powerheads

The Pure Red™

Peak Wavelength: 634 nm
Beam Area*: 81 cm² (4 inch diameter)
Irradiation*: 26.1 mW/cm²
Joules*: 1.56 per minute
Recommended Treatment Time: 1.5 to 3 minutes per area



The Dual Care™

Peak Wavelengths: 637 nm, 590 nm
Beam Area*: 81 cm² (4 inch diameter)
Irradiation*: 13.9 mW/cm²
Joules*: .83 per minute
Recommended Treatment Time: 1.5 to 3 minutes per area



The Pure Amber™

Peak Wavelength: 590 nm
Beam Area*: 81 cm² (4 inch diameter)
Irradiation*: 5.66 mW/cm²
Joules*: .33 per minute
Recommended Treatment Time: 1.5 to 3 minutes per area



The Pure Green™

Peak Wavelength: 516 nm
Beam Area*: 81 cm² (4 inch diameter)
Irradiation*: 14.1 mW/cm²
Joules*: .84 per minute
Recommended Treatment Time: 1.5 to 3 minutes per area



The Pure Blue™

Peak Wavelength: 453 nm
Beam Area*: 81 cm² (4 inch diameter)
Irradiation*: 42 mW/cm²
Joules*: 2.51 per minute
Recommended Treatment Time: Varies.
For P.acnes bacteria: 1 to 3 minutes per area.
For Staph or MRSA bacteria: 10 minutes per area+.



The Peak 415™

Peak Wavelength: 415 nm
Beam Area*: 81 cm² (4 inch diameter)
Irradiation*: 21.6 mW/cm²
Joules*: 1.29 per minute
Recommended Treatment Time: Varies.
For P.acnes bacteria: 30 seconds to 2 minutes per area. For Staph or MRSA bacteria: 5 minutes per area. Maximum daily: 5 minutes per area.



The Dual Peak™

Peak Wavelengths: 634 nm, 415 nm
Beam Area*: 81 cm² (4 inch diameter)
Irradiation*: N/A
Joules*: N/A
Recommended Treatment Time: 1.5 to 3 minutes per area. Maximum daily: 5 minutes per area.

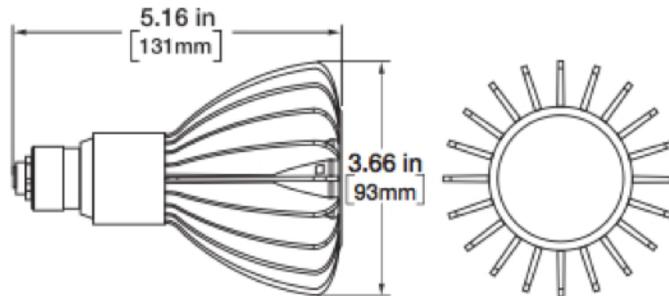


The TriPeak™

Peak Wavelengths: 634 nm, 452 nm, 413 nm
Beam Area*: 81 cm² (4 inch diameter)
Irradiation*: 29.6 mW/cm²
Joules*: 1.77 per minute
Recommended Treatment Time: 1.5 to 3 minutes per area. Maximum daily: 5 minutes per area.



SmarterLights™ Technical Specifications



Light

Light Source

COB High Power LED
Light Engine

Beam Angle

80 degrees

Wavelengths

See specific product data.

Power

Power Consumption

14 Watts
(highly energy efficient)

Voltage

110V, 220V AC

Irradiation

** As measured from 2 inches away.*

See specific product data.

Joules per minute

** As measured from 2 inches away.*

See specific product data.

Physical Properties

Dimensions

D: 5.16 in x H: 3.66 in
D: 131mm x H: 93 mm

Housing

Aluminum (recyclable) with
ultra durable top coat.

Material of Lens

Glass (recyclable)

Screw base

E26 / E27

Operating Temperature

Open Air Fixtures Only
-4 to 105 degrees F
-20 to 40 degrees C

Life Span

50,000 hours