

Red Light Therapy Panel

Elite Light Series - EL840

An adjustable red light therapy panel features customizable wavelengths (480, 630, 660, 810, 830, 850, and 940 nm), brightness levels, and pulse frequencies. These panels are highly rated for versatility, allowing you to easily target specific body areas like the face, back, or knees using an articulating stand.

Key Data at a Glance

Power	LED Quantity
1274W	840 pcs
Wavelengths	Irradiance at 6 inches
7 Wavelengths	190mw/cm ²
Color	Feature
Black	OEM/ODM available



EL840

Use Note

Start with shorter sessions and increase gradually based on individual tolerance. Avoid looking directly into the LEDs. Use eye protection for comfort, especially during face or upper-body sessions.

Product Specifications

Elite Light Series - EL840 / Red Light Therapy Panel

Model EL840	Power 1274W	Lens Beam Angle 30 Degree
Irradiance at 6 inches 190mw/cm²	Lifespan >100000 Hours	LED Quantity 840 pcs
Input Voltage 100v-250v	Material Alloy Aluminum	N.W.(KG) 32.5 Kg
Flicker No Flicker	G.W.(KG) 37 Kg	Unit Package Dimension 185*50*15cm
Working Modes 1. Red/Nir/Blue 2. Any combination	EMF Emission 0µT @ 3inches	Sound(dB)@15cm 52 DB
Cooling Fans Quantity 8pcs	Working Temperature -20°C~40°C	Warranty 2 Years
Product size 1713*415*17mm (67.4*16.3*2.8")	Timer 1-30Min	Remote Control Yes
Wavelength (480/630/660/810/830/850/940nm) customized wavelength		



Panel Configuration

The EL840 supports touch screen control, seven wavelengths, and flexible working modes including Red/NIR/Blue and custom combinations. Its vertical format is suitable for broader treatment coverage across the back, legs, and wellness routines.

Package Contents

Standard accessories supplied with the EL840 panel.



Power Cable *1



Mounting Hardware *1



Lifting Rope *1



Goggles *1



Controller *1



User Manual *1



Door Hanging Kit *1

Additional Treatment Tips

● Session Duration & Frequency

For deep tissue treatment, use 15-30 min sessions for each target area at approx 15-30cm from the device, with a max of two to three treatment areas per day. For skin or superficial therapy, a closer distance of around 5-15 cm with 5-10 minutes per session is usually suitable. Time and distance may vary by individual tolerance.

● Eye Protection

Avoid looking directly into the LEDs, as the light can be uncomfortable. Goggles are included in each package for comfort and added protection, especially when treating areas near the face.

● Clothing

Make sure the treatment area is fully exposed to the light and not covered by fabric or clothing. Areas that are not being treated may be covered if preferred.

● Effects

It is common to feel gentle warmth during and after a session. With consistent use, users may notice muscle relaxation, reduced stiffness, and improved comfort. If discomfort or excessive sensitivity occurs, reduce exposure time or increase the distance from the light.

Frequently Asked Questions

Quick answers for customer use, installation, and basic safety review.

● **1. Is red light therapy the same as infrared?**

No. Red light and infrared are both light therapy, but they use different wavelengths. Red light is visible and more surface-focused; infrared, especially NIR, penetrates deeper into tissues.

● **2. Does red light therapy help eczema?**

Red light therapy may support eczema-prone skin by helping calm visible irritation, inflammation balance, and skin repair. It should not replace medical treatment, and users with eczema should follow professional advice.

● **3. What is the best red light therapy device?**

The best device depends on the target use. Masks suit facial care, panels suit body coverage, wraps support joints, and handheld devices work well for small, targeted areas.

● **4. Can you do too much red light therapy?**

Yes. Overuse may reduce benefits or cause temporary redness, dryness, or discomfort. Most users follow 10-20 minutes per area, 3-5 times weekly, depending on device output.

● **5. Is red light therapy safe for cancer patients?**

Cancer patients should only use red light therapy with medical approval. It should not be used over active tumors unless directed by a clinician, as safety and claims are more sensitive.

● **6. Can red light therapy regrow gums?**

Red light therapy cannot regrow lost gum tissue. It may support gum comfort, circulation, and tissue repair, but dental issues should be managed with professional dental care.

● **7. How to use red light therapy on face?**

Clean and dry your face first. Use the mask or device at the recommended distance for 10-20 minutes, 3-5 times weekly, then apply gentle skincare if needed.

● **8. Does red light therapy help with weight loss?**

Red light therapy is better positioned for body contouring and skin appearance support, not major weight loss. Results are usually better when combined with diet, exercise, and consistent use.

● **9. Does red light therapy work for hair loss?**

Red light therapy may support thinning hair by helping follicle activity, scalp circulation, and cellular energy. It is most suitable for consistent long-term hair wellness routines.

● **10. How does red light therapy work?**

Red light therapy works through photobiomodulation. Specific red and near-infrared wavelengths interact with cells, supporting mitochondrial activity, cellular energy, repair, circulation, and inflammation balance.

Reference Note

This document is provided for product reference and customer download. It is not a medical document and should not replace professional medical advice.

Shenzhen Medlight Technology Co.,Ltd



Room 306, Bld D, Dingfeng Scientific Park, Dalang Town, Longhua District, Shenzhen, China 518109



Web: www.medledlight.com



Cell: +86-13554796007



Email: sales@medledlight.com