

Red Light Therapy Panel

Elite Light Series - EL300

This wellness red light therapy panel features touchscreen control and seven combined wavelengths, 480, 630, 660, 810, 830, 850, and 940 nm, to support skin health, muscle recovery, sleep, and overall wellness through convenient 10–20 minute sessions.

Key Data at a Glance

Power	LED Quantity
455W	300 pcs
Wavelengths	Irradiance at 6 inches
7 Wavelengths	190mw/cm ²
Color	Feature
Black	OEM/ODM available



EL300

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 - EL300 / Red Light Therapy Panel

Model EL300	Power 455W	Lens Beam Angle 30 Degree
Irradiance at 6 inches 190mw/cm²	Lifespan >100000 Hours	LED Quantity 300 pcs
Input Voltage 100v-250v	Material Alloy Aluminum	N.W.(KG) 11.8 Kg
Flicker No Flicker	G.W.(KG) 14 Kg	Unit Package Dimension 103*37*16cm
Working Modes 1. Red/Nir/Blue 2. Any combination	EMF Emission 0μT @ 3inches	Sound(dB)@15cm 52 DB
Cooling Fans Quantity 2pcs	Working Temperature -20°C~40°C	Warranty 2 Years
Product size 876*216*71mm (34.45*8.5*2.8")	Timer 1-30Min	Remote Control Yes
Wavelength (480/630/660/810/830/850/940nm) customized wavelength		



Panel Configuration

The EL300 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 EL300 panel.



Power Cable *1



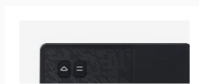
Mounting Hardware *1



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. How does near-infrared light reach deep into sore joints?**
Near-infrared light penetrates deeper than red light and may reach muscles, tendons, ligaments, and joints. It may support cellular energy, microcirculation, and inflammation balance around sore or stiff areas.
- **2. Can red light therapy help with old injuries that just won't go away?**
Red light therapy may support long-term recovery by helping local circulation, cellular energy, and natural tissue repair. It is not a guaranteed cure, but can be positioned as non-invasive recovery support.
- **3. How long does a pain relief effect usually last?**
It varies by user, condition, and routine. Some users feel temporary comfort for several hours, while consistent use may support longer-term improvement in mobility, recovery, and daily comfort.
- **4. Is red light better for sharp pain or dull chronic aches?**
The key difference is tissue depth. Red light is better for surface areas, while near-infrared light reaches deeper muscles and joints. Many devices combine both for broader pain-support applications.
- **5. Can I use a full-body panel for back, knees, and neck in one day?**
Yes. A full-body panel can cover multiple areas in one session. Targeted treatment is better for one specific area, such as the knee, shoulder, lower back, or neck.
- **6. Does red light therapy help with nerve-related pain?**
Red light therapy may support nerve comfort by helping cellular energy, blood flow, and inflammation balance around irritated nerves. Serious, worsening, or unexplained nerve pain should be evaluated by a professional.
- **7. Is it safe to use red light therapy with over-the-counter pain medication?**
For many users, red light therapy can be used alongside common pain relief products. However, users with medical conditions, chronic pain, or regular medication use should follow professional medical guidance.
- **8. What are the key factors when selecting a light therapy device manufacturer?**
Key factors include engineering capability, LED and thermal design, QC process, certification experience, production capacity, communication, IP protection, warranty support, spare parts supply, and long-term manufacturing reliability.
- **9. How long does it take to bring a new light therapy product to market?**
ODM projects usually take 6-10 weeks. OEM projects with new design, tooling, and electronics may take longer. Clear specifications, target markets, and compliance requirements help shorten the timeline.
- **10. What mistakes do new brands make in the light therapy market?**
Common mistakes include choosing suppliers by price only, ignoring compliance, using weak specifications, unclear product claims, poor documentation, no after-sales plan, and underestimating restocking lead time.

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.

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