

Red Light Therapy Panel

Mad Light Series - ML780

This high-power light therapy panel combines five wavelengths, 630, 660, 810, 830, and 850 nm, to support skin health, muscle recovery, joint comfort, and deeper tissue wellness in convenient 10-30 minute sessions.

Key Data at a Glance

Power Consumption	LED Quantity
1091W	780 pcs
Wavelengths	Irradiance at 6 inches
5 Wavelengths	250mW/cm²
Timer	Remote Control
5/10/15/20/25/30Min	Yes



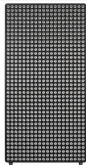
Use Note

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

Mad Light Series - ML780 / Red Light Therapy Panel

Model ML780	Color Black & White	LED quantity (pcs) 780	Warranty (years) 2
Power consumption (W) 1091	Output power (W) 1085	Wavelength (nm) 630/660/810/830/850	Product size (cm) 90.6*46.9*6
Pulse No	Timer (min) 30	Dimmer No	N.W (kg) 16.5
Mode 1. Red+NIR 2. Red 3. NIR	Synchronous working YES	Input voltage (V) 90-240	Remote Yes
Current max. (A) 5	EMF emission 0	Flicker No	Bluetooth & APP No
Material Steel	Cooling fans quantity (pcs) 8	LED Lifespan (hours) 100000	Sound(dB) @15cm 45
Temperature (C) -25 to +65	Working Humidity (%RH) 15 to 90	Accessories Standard + Hanging Kit	IP level IP21
Irradiance at 3"/6"/9"/12"/18"(mW/cm²) 300/250/220/210/210		Energy at 3"/6"/9"/12"/15"/18"(J/cm² *1min) 18J/cm²,15J/cm²,13.2J/cm²,12.6mW/cm²	



ML780

Panel Configuration

The ML780 supports Red+NIR, Red, and NIR modes, synchronous working, and remote control operation. Its full-body format is suitable for broad coverage across the back, legs, shoulders, and other target areas.

Package Contents

Standard accessories supplied with the ML780 panel.



Power Cable *1



Lifting Rope *1



Controller *1



Door Hanging Kit *1



Mounting Hardware *1



Goggles *1



User Manual *1

Additional Treatment Tips

● Session Duration & Frequency

For deep tissue treatment, use 15-30 minute sessions per area at approximately 15-30 cm 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.

● 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.

● 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.

● Effects

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

Frequently Asked Questions

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

- 1. How does red light therapy power your cells?**
Red and near-infrared wavelengths may support mitochondria, the cell's energy centers. This helps cells produce ATP, which supports movement, repair, recovery, and daily body function.
- 2. Why does sitting in front of a red light make us feel less tired?**
Red light therapy may support cellular energy production and oxygen use. Instead of a quick stimulant effect, it may help the body feel steadier and less fatigued over time.
- 3. Is red light therapy just a caffeine alternative?**
No. Caffeine blocks tiredness signals, while red light therapy works through mitochondrial support and ATP production. It may help the body produce energy more naturally, without a caffeine-style crash.
- 4. How do mitochondria recharge with light?**
Red and near-infrared light may activate energy processes inside mitochondria, supporting oxygen use and ATP production. In simple terms, it helps cells work more efficiently.
- 5. How often should you use red light therapy?**
For many users, one session per day is enough. A common routine is 10-12 minutes per area, depending on device output, distance, wavelength design, and personal response.
- 6. Can you use red light therapy midday?**
Yes. A short midday session may support focus, energy, and alertness, especially during an afternoon energy dip, without relying only on caffeine or stimulants.
- 7. Is there a best time of day to use red light therapy for energy?**
Morning may support daily energy and rhythm. Midday can help with energy dips. Evening use should be more careful, as some users may feel more alert afterward.
- 8. How long do the energy-supporting effects last?**
Many users report steady support for several hours, often around 4-8 hours. Results vary by person, device quality, treatment area, distance, and session setup.
- 9. What is the MOQ, and can you accommodate smaller initial orders?**
MOQ depends on product type and customization level. Standard ODM models can support smaller trial orders, while full OEM projects usually require higher MOQs based on tooling and development needs.
- 10. What are the realistic lead times from order confirmation to delivery?**
ODM orders with branding customization usually take 2-4 weeks. OEM projects with new design, tooling, or prototyping take longer. We provide clear milestones before production starts.

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