

Rest Recovery Red Light Therapy Pro3000 — Specification Sheet

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(All specifications subject to change. For installation or permitting use only.)

Product Overview

The **Rest Recovery Pro3000** is a professional-grade red and near-infrared light therapy panel engineered for full-body recovery, performance enhancement, and wellness optimization. It combines dual-wavelength output at **660 nm (Red)** and **850 nm (NIR)** to deliver deep tissue penetration for muscle recovery, collagen stimulation, and mitochondrial activation.

General Specifications

Model	Pro3000 Full-Body Red Light Therapy Panel
LED Quantity	3,000 High-Power Dual-Chip LEDs
Wavelengths	660 nm (Red) + 850 nm (Near-Infrared)
Power Consumption	1200 W \pm 5 %
Beam Angle	60°
Coverage Area	Full-body (approx. 6.5 ft \times 3 ft exposure)
Dimensions (L \times W \times H)	72" \times 24" \times 3.5"
Weight	38 lb (17 kg)
Housing Material	Aluminum Alloy, Matte Finish
Cooling System	Quad-fan thermal management
Optics Type	Glass-lens diode array
Operating Temperature	-10 °C – 40 °C (14 °F – 104 °F)

Electrical Requirements

Voltage	110 V AC
Amperage	15 A Dedicated Circuit
Max Power Draw	1200 Watts
Plug Type	NEMA 5-15P Grounded Plug
Breaker	15 A GFCI Recommended
Mounting	Wall, door, or freestanding stand mount

Performance Highlights

- Dual-wavelength LED output (Red + NIR synergy)
- 100 mW/cm² irradiance at 6 inches

- Intelligent digital timer and auto-off protection
- Modular design for series or parallel connection
- Flicker-free LED driver circuitry
- Low EMF emission (< 0.1 mG at 6 inches)
- 50,000-hour LED lifespan

Recommended Use

- 10 – 20 minutes per session
- 3 – 5 sessions per week for optimal results
- Maintain 6 – 12” distance from body

Certifications

FDA Registered / CE / ROHS / ISO 9001 Compliant

Maintenance

- Wipe lenses weekly with microfiber cloth
- Check fan inlets monthly for dust buildup
- Keep panel upright; avoid moisture exposure

Warranty

3-Year Limited Manufacturer's Warranty

(Warranty void if used in humid environments or without grounded connection.)