RED LIGHT THERAPY

Frequently Asked Questions

Full Body Red Light Therapy System

A practical guide covering operation, wavelengths, treatment settings, usage, installation requirements, maintenance, warranty and product configuration.

1. What is red light therapy?

Red light therapy, also known as photobiomodulation, uses specific wavelengths of red and near infrared light. The system is designed to deliver controlled light exposure across the body and is used within wellness, recovery and performance programmes.

2. How does the Full Body Red Light Therapy System work?

The user lies inside the treatment system while red and near infrared light is delivered from multiple directions. The enclosed design provides full body exposure across the upper, middle and lower sections of the system.

3. What wavelengths does the system use?

The system uses four wavelengths: 633 nm, 810 nm, 850 nm and 940 nm.

4. Why does the system use four different wavelengths?

Different wavelengths of red and near infrared light are designed to reach different tissue depths. Red light generally acts closer to the surface, while near infrared wavelengths penetrate more deeply. Combining four wavelengths allows the system to support a broader range of wellness, recovery, performance and skin focused applications.

5. What does 360 degree full body coverage mean?

The system surrounds the user with light from multiple directions rather than relying on a single panel. Upper, middle and lower light sections provide consistent head to toe exposure during the session.

6. How long does a typical session last?

A typical session is approximately 20 minutes, although the exact duration can be adjusted according to the user's programme and requirements.

7. How often can the system be used?

The system can be used daily. Frequency can also be adjusted according to the individual user, their wellness or recovery programme and how the system is being incorporated into the wider treatment plan.

8. Can the treatment intensity be adjusted?

Yes. The system provides irradiance of up to 120 mW/cm2 and the output can be adjusted across all four wavelengths.

9. What treatment modes are available?

The system supports continuous wave, variable and pulsed operation. Frequency settings are available from 0 to 5,000 Hz in 1, 10 or 100 Hz increments.

10. How is the system controlled?

The system can be operated through an interior 7 inch LCD touchscreen together with a wireless tablet remote control.

11. Can I listen to music during a session?

Yes. The system includes two built in Bluetooth speakers, allowing audio to be played during treatment.

12. Does the system get hot during use?

The system includes an integrated air cooling system designed to help maintain a comfortable environment during operation.

13. What is the maximum user weight?

The documented maximum weight capacity is approximately 158 kg.

14. How much space does the system require?

The system measures approximately 220 cm long, 122 cm wide and 163 cm high. Additional clearance should be allowed around the unit for access, operation and routine servicing.

15. What electrical supply is required?

The system requires a 220 V, 30 A, 50/60 Hz electrical supply. The installation location should be checked in advance to ensure the correct electrical provision is available.

16. Where can the system be used?

The system is suitable for longevity centres, wellness clinics, rehabilitation environments, sports recovery facilities, health clubs and selected private wellness settings.

17. How long are the LEDs expected to last?

The LEDs are rated for an operational life of up to 100,000 hours according to the supplied product documentation.

18. What maintenance does the system require?

Routine care includes keeping treatment surfaces clean, maintaining adequate ventilation around the system and following the supplied operating and maintenance guidance. Any servicing or technical work should be carried out in accordance with the manufacturer's instructions.

19. What warranty and conformity documentation are provided?

The system is supplied with a 12 month warranty. The RLT-L6 model family also has conformity documentation covering the EU Electromagnetic Compatibility Directive 2014/30/EU and the EU Low Voltage Directive 2014/35/EU.

20. Can the system be customised or branded?

OEM and ODM options are available according to the supplied product information, including customisation of logo, appearance, wavelength configuration and LED strip colour. Specific requirements can be discussed before ordering.

Contact us to discuss this product in more detail.