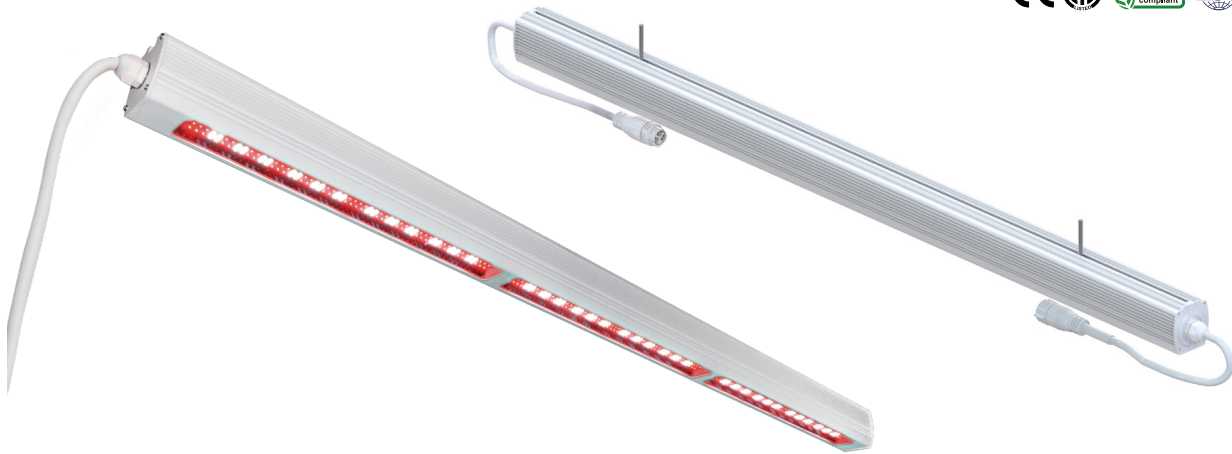


# 150W Equine Phototherapy System



Top-Brand LED Chip



120-277V InPut



RS-485  
Communication

Parameter	Specification
Dimensions (L × W × H)	1205 × 66 × 60 mm
AC Input Power	150 W
AC Input Voltage & Freq	100-277 VAC, 50/60 Hz
Beam Angle	120°
Recommended Mounting Height	1.5-2 m
Energy Density	4-8 J/cm <sup>2</sup>
Treatment Time	60-90 minutes
Control Interface	RS485
Ingress Protection (IP)	IP66
Warranty	5-Year Standard Warranty



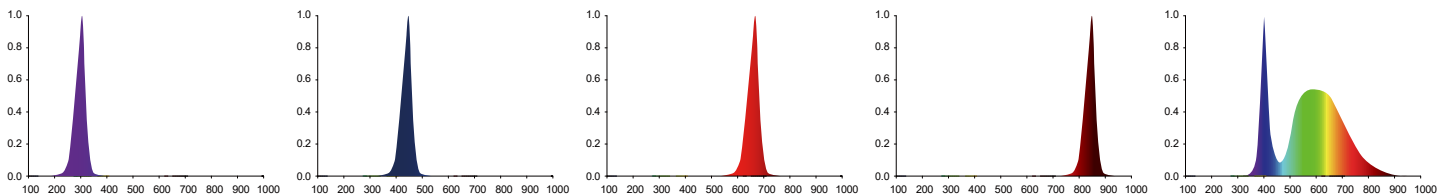
Energy Saving  
Design



Smart Over  
Temperature Protection



Silent  
Operation



## Red Light Therapy (600–700 nm)

- Effects: Promotes healing, reduces inflammation, and increases circulation.

## Near-Infrared Light Therapy (NIR, 700–1200 nm)

- Effects: Penetrates deeper into tissues compared to red light, improving cellular repair and enhancing recovery of muscles, tendons, and ligaments.

## Blue Light Therapy (400–500 nm)

- Effects: Antibacterial and anti-inflammatory properties. It also has calming effects when applied through ocular stimulation.

## Green Light Therapy (500–570 nm)

- Effects: Associated with reducing anxiety and promoting relaxation.

## UV Light (Below 400 nm)

- Effects: Rarely used directly in therapy due to potential risks but can be applied in controlled settings for sterilization or dermatological treatments.

# 7 Equine Therapy Programs

1. Growth Acceleration
2. Muscle Recovery
3. Improvement coat and skin
4. Optimize digestion
5. Optimize reproduction
6. Outdoor light mode
7. Normal Lighting

## Multispectral Synergistic Irradiation

A scientific ratio of multiple spectrums, working synergistically, acts precisely on the deep tissues of muscles and joints.

## Diversified physiotherapy modes

Seven preset programs comprehensively address needs across all physiological stages (growth, recovery, breeding), featuring one-touch intelligent switching for precision-matched equine condition management.

## Precision Energy Control

Delivers optimal energy density ( $4-8\text{J}/\text{cm}^2$ ) through  $120^\circ$  wide-angle irradiation, covering the entire body of the horse.

