

equilume circadian lighting

STABLE LIGHT

Scientifically designed lighting to help regulate seasonal biological responses in horses including coat condition, reproductive cycles, mood, and overall well-being.

WHAT IS THE Equilume® Stable Light?

The Equilume® Stable Light is a programmable LED Lighting system designed specifically for equine physiology.

Horse owners can manage seasonal changes more effectively while maintaining normal barn routines.

The customizable Stable Lights are designed to provide the horse with extended blue-enriched white LED light by day, gradual transitions at dawn and dusk, and red light at night. The use of dim red light at night eliminates the need for white light at night, so users can perform night checks without disrupting the horse.

WHY Light Matters

Seasonal changes in daylight influence many biological processes in horses.

Standard barn lighting typically does not provide the correct timing, intensity, or consistency needed for effective photoperiod control.



> I was amazed at the overall change in the horses after about six weeks under the Equilume® Stable Lights, by the condition they were carrying and the way their coats were starting to look. We were quietly surprised at how clean all the throats looked when we scoped them prior to shipping out to sales, clear of pharyngitis, all mucus and guttural pouch infections.
>
> For me, who is skeptical of most things new (because most are just gimmicks), I found these Equilume® Stable Lights to be one of the only new technologies that worked really well.
>
> **EDDIE WOODS** | RACEHORSE TRAINER, FLORIDA

WHY HORSE OWNERS USE Equilume® Stable Lights

- Provide automated photoperiod control for the modern barn
- Manage winter coat growth and maintain sleek summer coats
- Support seasonal reproductive programs
- Promote consistent daily lighting schedules
- Improve focus, mood, and overall well-being

Ideal Applications

BREEDING FARMS | VETERINARY CLINICS | TRAINING FACILITIES | STALLION STATIONS | QUARANTINE FACILITIES

WHY EQUILUME® USES

Blue Light & Red Light

The Equilume® Stable Light System is designed to replicate the natural light patterns horses experience outdoors, supporting healthy circadian and seasonal rhythms.

CIRCADIAN LIGHTING

Blue-Enriched White Light (Daytime)

Blue light is the most biologically effective wavelength for regulating the horse's internal clock.

Exposure to this light helps:

- Regulate circadian rhythms
- Influence seasonal hormonal cycles
- Support reproductive activity
- Maintain sleek coat condition
- Promote alertness and focus

By extending daylight to 15-16 hours, the light program mimics longer days of summer.

Natural Sunrise & Sunset Transitions

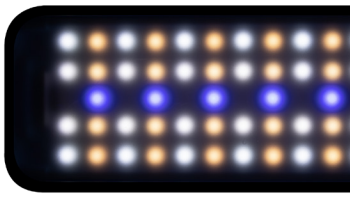
Helps to create a more natural lighting environment and avoids sudden changes that can disrupt the horse's internal rhythms.

Soft Red Light (Nighttime)

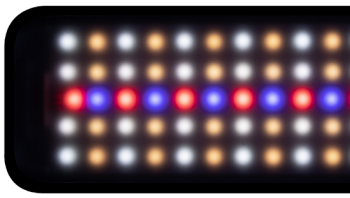
Red light allows humans to see comfortably in the stable while not interfering with the horse's natural melatonin production, which is essential for healthy sleep, rest, and nighttime recovery.

Barns can maintain visibility and safety without disrupting the horse's natural night cycle.

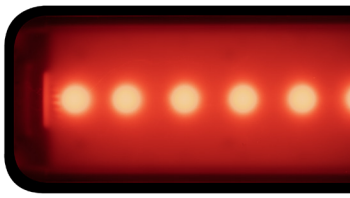
Blue-Enriched White Light
DAYTIME



Natural Sunrise & Sunset
TRANSITIONS



Soft Red Light
NIGHTTIME



HOW THE

System Works

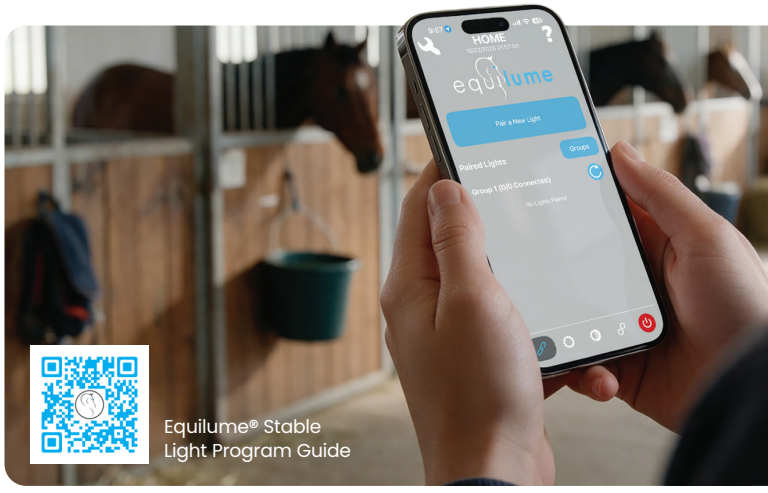
1. Install one Equilume® Stable Light above each stall.
2. Connect lights to the Equilume® App Controller via Bluetooth.
3. Customize your light program. Once programmed, the lighting schedule runs automatically each day.

Equilume Stable Light Controller App

Control your entire lighting program directly from your phone.

Features Include:

- Customizable lighting program
- Monitor connected lights
- Manage multiple barns and groups of stalls



Equilume® Stable Light Program Guide

CUSTOMIZABLE PROGRAMS!
Conveniently managed with phone app
Compatible with iOS and Android devices.