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SOLARIUM IRRIGATION TREADMILL SAFETY WALL WALKER

Horselight Set

Blue / White

HorseLight Basic single stable set / Article no. 35-4-00-00010



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HorseLight Basic lamp

Not just a stable light, this is horse light therapy
Horse health and performance made easy with HorseLight. HorseLight is an entirely new concept delivering horse health, well-being, and performance at the touch of a button. Illuminate your horse throughout the year and witness the amazing results. Scientifically proven light therapy. HorseLight is a system for horse light therapy with blue light designed to enhance performance and breeding for all horses. This unique type of stable lighting system delivers the health benefits of summer daylight to indoor barns. Each light provides the right amount of high-intensity white and blue spectrums that have proven positive effects on the horse's day-night rhythm (circadian rhythm). This cannot be achieved with standard LED or fluorescent lighting.

Suitable for all horses
As owners, we all want the best for our horses. Whether you're a race breeder, professional rider, breeder, or recreational rider, the health, happiness, and well-being of our horses are essential for their performance at any level or discipline.

Duration of light exposure
The natural circadian rhythm In the northern hemisphere, daylight hours vary significantly between summer and winter. For example, in December, we have 8 hours of daylight and 16 hours of darkness. From March to September, there is an equal amount of day and night (equinox). June has the longest day (summer solstice).

The physiology of melatonin control
With specific blue light at the right lux and duration Light enters through the eye's retina and suppresses the release of melatonin from the pineal glands, allowing the resumption of hormones from the hypothalamus of the brain.

Why you should invest in HorseLight
Modern management methods mean horses can spend a significant portion of the twenty-four hours in their stable without exposure to daylight, and many are disturbed at night by lighting. This system negatively impacts the horse's circadian rhythm (body clock) and can lead to loss of appetite and poor performance, reduced growth, and decreased immune response.

HorseLight for performance
Many performance horses spend more time in their stable than outside, perhaps even more during the summer due to competitions and training. There are also many occasions where going outside is simply not an option due to illness, injury, or lack of space.

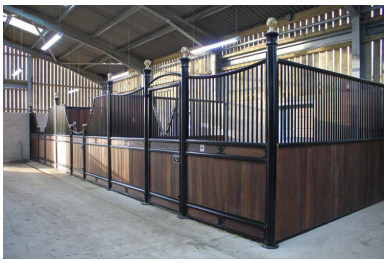
HorseLight for breeding
It has long been recognized, and research has shown that introducing light into the breeding cycle of mares in the winter months would bring them into estrus earlier in the season. Horses are known as "long-day breeders." This means that their normal cyclic activity is mainly triggered by an increase in daylight in early spring. With technology now allowing us to select specific light spectra and intensity at different times of the year, we can optimize biological performance.

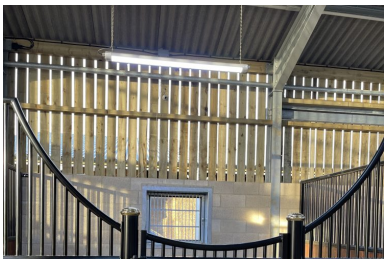
- Easy to install yourself
- No electrician needed
- Shiny coat
- Extends summer condition
- Fewer stable bacteria
- Improved health & well-being
- Improved sports performance
- Faster recovery times
- Improved breeding
- 5 years warranty

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Features

HorseLight Basic Single Stable Set
This is a plug-and-play self-installation kit for individual stables and owners with one horse. Provides the right lux levels to support the health and well-being benefits for a stalled horse.

Includes:
1 x HorseLight Original blue/white LED stable lighting suitable for a 4m x 4m stable.
1 x HorseLight controller and 6m wiring with plug

Over 50,000 burning hours.
Five years warranty.
The kit can be expanded at a later date with a chain of lamps (Original and Advanced) using the Controller.

? **Natural Breeding**
Horses have a natural breeding season that extends from April to September in the northern hemisphere, a period that coincides with longer daylight, grass growth, and milder weather. The northern hemisphere specifies a universal birth date for horses of January 1. Breeders, therefore, want foals born early in the year to produce more mature yearlings and prepare 2-year-old horses for races. Studies show that annual earnings are significantly higher for horses born in January-February than for those born in April-June. To maximize their horses, especially in races, it is common to manipulate the reproductive active period of mares to meet the official start date of the breeding season on February 15. An artificial photoperiod of 16 hours of light: 8 hours of darkness. This form of light therapy can advance the breeding season (mare cycles) by up to 3 months. This can be achieved by starting light therapy on December 1. It is now common to extend the day length for 8-10 weeks from this date by exposing mares to artificial light for 16 hours, ending at 11:00 PM, followed by 8 hours of darkness or the use of light that does not suppress melatonin (red light). A natural dawn can then occur during the most sensitive phase of the 24-hour cycle.

Natural Light
Research has shown that daylight hours are the most critical factor controlling the reproductive function of the mare; the hormone melatonin is produced during the hours of darkness and is the primary regulator of the mare's reproductive cycle. As the days lengthen in spring, melatonin production decreases, indicating the beginning of the breeding season. We now know that blue light within the shortwave spectrum (465-485 nm) is most effective in inhibiting melatonin. Melanopsin is particularly sensitive to shortwave blue light. This is best achieved with optimized stable lighting.
A common side effect of early foaling is a longer gestation period and lower birth weights. Light therapy has also been shown to improve birth weight and shorten gestation by up to 10 days in mares with early foaling dates. Regular gestation periods and foaling dates can also shorten the period the mare needs to be monitored for foaling. This has a direct benefit for the breeder.

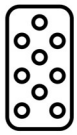
-Mares come into estrus earlier in the season with stronger signals and have a more reliable ovulation pattern
-Stallions show earlier reproductive capacity
-Competition mares candidates for embryo transplantation will benefit from an earlier breeding season
-Can help in producing earlier foals
?-Red night light acts as observation light

By installing HorseLight, you can be sure that your horse benefits from the wide range of health benefits that this unique light offers.

Improved food digestion leads to better condition and muscle mass
Owners have reported needing to give less concentrated feed as nutrient absorption is significantly higher than in horses stalled without HorseLight. A saving on feed costs.

Improved absorption of vitamin D and calcium
Horses get their much-needed vitamin D, essential for the absorption of calcium through their skin. Horses stalled during the summer miss this crucial sunlight component, which can lead to muscle problems, skin and coat issues, and many other health problems.

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Specifications

Power supply	230V 50Hz
nr of horses	Stable 4x4 mtr
Fuse with	16 A
Ampere	0,3 A
Basic material	Polycarbonate
Width	115 mm
Thickness	77 mm
Included	Operation/Control
IP rating	IP 65
Cable length	6 meters between lamp and control
Quality mark	TUV/SAA/CE&RoHS
Colour	white
Length	120cm / 4 ft
Power cord	2 meters with plug
Power usage	66 Watt 147Lm/W
Suspension	2x clamp/screws/clips
Other	White / Blue light
Time	Adjustable via control
Number of LED lamps	1 X 66W

Contact details

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