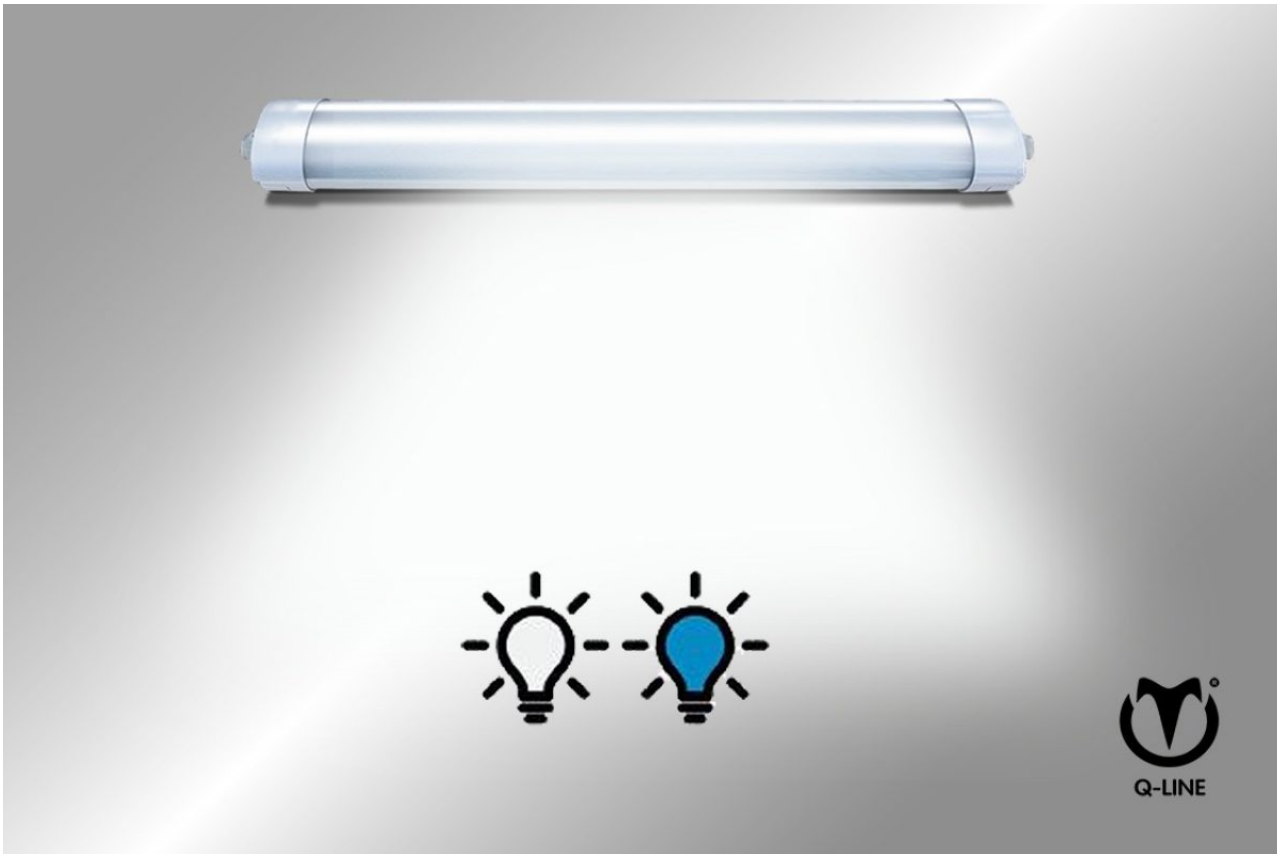
Q-LINE

SOLARIUM IRRIGATION TREADMILL SAFETY WALL WALKER

Horselight

Blue / White

HorseLight Basic lamp / Article no. 35-1-00-00010



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Not just a stable light, this is equine light therapy.
HorseLight is an equine blue light therapy system that has been developed to enhance performance and breeding for all horses. This unique type of stable lighting system delivers the health benefits of summer daylight to indoor stabling.
Each light delivers the correct amount of high intensity white and blue spectrums that have been proven to positively impact the horse's body clock (circadian rhythm). This cannot be achieved by standard LED or fluorescent lighting.
Our easy to install, cost effective systems are suitable for a single stable or for a large professional yard.
Our Single Stable DIY kit comes complete with stable light, controller, cabling and plug.
For more than one stable you can purchase individual HorseLight stable lights and run them all from one controller.
Horse health and performance is simple with HorseLight
HorseLight is a whole new concept delivering equine health, well-being and performance at the flick of a light switch. Illuminate your horse all year round and see the amazing results.

Scientifically proven lighting therapy.

Suitable for all horses
As owners we all want the best for our horses. Whether you are a racing trainer, professional rider, breeder or leisure rider, the health, happiness and well-being of our horses is a must for them to perform at whatever level or discipline
The horse's body, like many mammals, prefers the summer months. They put and keep on body condition, their coat and skin glows, they have the high amounts of Vitamin D required to help the body's internal processes, they are much happier and they decide it's time to breed!
Studies have shown that HorseLight optimise the biological performance of all horses and ponies including:

- Enhanced health & well-being
- Improved sports performance
- Faster recovery times
- Improved breeding
- Reducing pathogens in the stable
?- Reduced electricity costs compared to standard florescent lighting

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

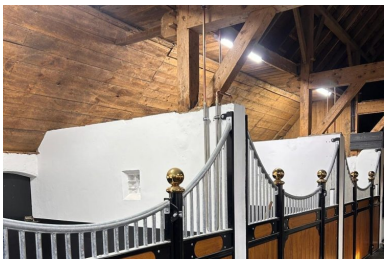
The physiology of melatonin control
Using specific blue light with correct lux and duration
Light enters through the retina of the eye and suppresses the release of Melatonin from the pineal glands, thus allowing the resumption of hormones to be released from the hypothalamus of the brain.

Why you should invest in horselight Modern management methods mean that horses can spend a large proportion of the twenty four hour period in their stable with no exposure to daylight and many are disrupted by illumination at night. This system negatively impacts the horse's circadian rhythm (body clock) and can result in lack of appetite and poor performance, impaired growth and diminished immune response.

- Shiny coat
- Improved alertness
- Prolongs summer condition
- Fewer stable bacteria
- Improved health and well-being
- Improved sports performance
- Faster recovery times
- Improved breeding
- 5-year warranty

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Features

Horselight Basic
Electrician required.
Single HorseLight stable light with blue and white LED daylight therapy.
Delivers correct lux levels to support health and wellness benefits for a stabled horse.
Suitable for a 4m x 4m stable size.
Designed to be used in conjunction with HorseLight Controller or just a simple switch.
Controller sold separately.

Natural Breeding
Horses have a natural breeding season that extends from April to September in the northern hemisphere, a time coinciding with longer day length, grass growth and milder weather. The northern hemisphere speci?es a universal birthday for horses of 1st January. Breeders therefore desire foals born early in the year to produce more mature yearlings and ready to race 2-year-old horses.
Studies show that annual earnings are signi?cantly higher for horses born in January–February than for those born in April–June. For breeders to maximize their horses potential in racing in particular, it is common place to manipulate the mares' reproductively active period, to meet the of?cial start date of the breeding season on 15th February.
An arti?cial photoperiod of 16 hours light: 8 hours dark. This kind of Light Therapy can advance the breeding season (cycling of the mare) by as much as 3 months. This can be done by starting light therapy on 1st December. It is now commonplace to extend day length for 8–10 weeks from this date by exposing mares to arti?cial light for 16 hours, ending at 23.00 hours, followed by 8 hours of darkness or using non melatonin suppressing light (Red Light). A natural dawn can then occur during the most sensitive phase of the 24 hour cycle.

Natural Light
Research has shown that the hours of daylight are the major factor controlling the mare's reproductive function, the hormone melatonin is produced during the hours of darkness and is the primary regulator of the mare's breeding cycle. As the days lengthen in spring, melatonin production decreases signaling the approach of the breeding season. We know now that Blue light within the short-wavelength spectrum (465–485 nm) is most effective at inhibiting melatonin. Melanopsin is particularly sensitive to short wavelength, blue light. This is most effectively done with an optimized stable light.
A common side effect of early foaling is longer gestation periods and lower birth weights. Using light therapy has also shown to improve the birth weight and shorten the gestation period by up to 10 days in mares with early foaling dates. Gestation periods and foaling dates which are more regular can also shorten the period of time the mare has to be kept under supervision before foaling. This has a direct benefit to the breeder.

-Mares come into season earlier with stronger signals and have a more reliable ovulation pattern
-Stallions display an earlier reproductive capacity
?-Competition mares who are embryo transfer candidates will benefit from an earlier breeding season
?-Can help with producing earlier foals
?-Red night light acts as an observation light during foaling

By installing HorseLight you can be assured that your horse will gain from the huge range of health benefits that this unique light offers.

Improved food conversion leading to increased condition and muscle mass
Owners have reported having to feed less hard feed as the uptake in nutrients is significantly higher than that of horses stabled without HorseLight. A saving on feed bills.

?**Improved vitamin D and Calcium absorption**
Horses get their much-needed Vitamin D which is essential for calcium absorption through their skin. Stabled horses during the summer miss out on this vital sunshine ingredient which can lead to tying up, skin and coat conditions and many other health implications.
?Summer coat extending well into late autumn
A less dense winter coat, means less clipping is needed.

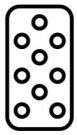
Configuration & options


Horse Light Controller 500W


Horse Light Controller 1200W


Horse Light Controller 3600W

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SOLARIUM


IRRIGATION


TREADMILL


SAFETY WALL


WALKER

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
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
Optional	Control
Other	White / Blue light
Number of LED lamps	1 X 66W/5W

Contact details

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