

PROXIMAL

EQUINE LIGHTING EXPERT

LED lighting solutions
dedicated to equine sector

Improve its welfare



Guarantee its security



Optimise its performances



FUNDAMENTAL ROLE OF PROXIMAL LIGHTING



WELFARE, RECOVERY



COMFORT, CONCENTRATION



SECURITY, RELAXATION



PERFORMANCES



PHOTOSTIMULATION

SCIENTIFIC AND TECHNICAL APPROACH

PROXIMAL's expertise is based on **2 scientific fundamental know-how:**

- **Mastering lighting** and LED technology
- **Regular discussions with professionals** scientists and horse specialists (vision, locomotion, reproduction, circadian cycle, behaviours, physiology, stress indicators, ...)

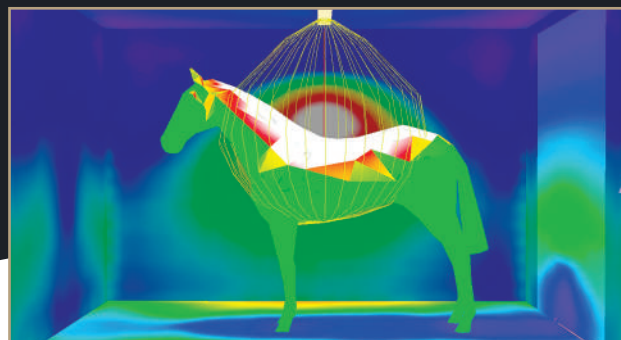
Our first worldwide scientific and behavioural study^(*) conducted in collaboration with Claire Neveux (equine ethologist), was selected by the International Society for Equitation Science Committee.



^(*) LED lighting eases and secures the loading of horses and appeases them during confinement in a stationary horse trailer



Trailer with PROXIMAL's specific LED lighting solution (Scientific study conducted with 22 yearlings)



3D lighting simulation - PROXIMAL

PROXIMAL'S SCIENTIFIC AND TECHNICAL STEERING COMMITTEE

2 main objectives:

- **The exchange of scientific and technical expertise as well as validation** by equine sector professionals of technological and functional aspects of PROXIMAL solutions.
- **Feedback from equine sector professionals for both** on using PROXIMAL's luminaires (operational implementation of systems, behavioural analysis) and on the processes set aiming at the horse's well-being and performances.

Our committee brings together a panel of scientific, technical and professional "field" experts covering the different areas and specialties of the equine sector (horse racing, sport, breeding, health, transport, infrastructures, ...) and lighting (LED technology, lighting design).

WITHIN PROXIMAL'S SCIENTIFIC AND TECHNICAL STEERING COMMITTEE

Serving the horse's health, welfare and performances



Pr. FABRICE AUDIGIÉ

Director of CIRALE,
Pr. of the National Veterinary
School of Alfort (ENVA - France),
DMV, PhD, HDR, Pr. in Imaging
and Equine Locomotor Pathology



Dr. NICOLAS POUSSET

Technical Director
(S2E2 Smart Electricity Cluster - France)
Specialized in "Lasers, metrology,
communications » Science
Optronic Engineer



CLAIRE NEVEUX

Equine Ethologist (France)
Master of Applied Ethology
Manager of Ethonova, equine
behaviour consulting



EMMANUEL MELAC

Lighting Designer,
Light Engineer
National School of Engineers
of Poitiers (France)

They support us



PROXIMAL

EQUINE LIGHTING EXPERT

PROXIMAL designs and sells
LED lighting solutions dedicated to equestrian
activities and infrastructures.

These lighting solutions
improve the horse's welfare,
safety and performances.

Development resulting from a collaborative
research between equine veterinarians,
specialists in chronobiology and ethology applied
to horse, breeders, riders and the PROXIMAL
team, expert in lighting.

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