



 colasse

Innovative lighting solutions



OUR MISSION

“Providing value to our customers with innovative lighting solutions, for every application and every sector.”

ENGINEER AND ENTREPRENEUR BY HEART

After training as an industrial engineer, Manuel Colasse began his career in various organizations of the international technology group ABB, later specializing in industrial performance monitoring and optimization. Manuel then began his own independent venture, working as a consultant for large groups.

THE FUTURE IS LED

In 2006, Manuel understood that LED lighting represents the future. The very same year, he founded Colasse SA and the Spotted™ range of industrial and commercial lighting. A few years later, he launched Vegeled™, another brand specially designed for the horticultural sector. His company doesn't just manufacture equipment, they also fully manage the engineering aspects of their projects. Colasse SA provides true solutions with the ultimate goal of finding the best product for their customers' needs.

LOCAL AND INTERNATIONAL PRESENCE

Today, Colasse SA is active on local markets but is also gaining an increasingly international presence on niche markets, especially in Europe, the USA, and Canada. In 2018, more than 50% of the company's turnover was generated from export business. The company focuses more than ever on innovation, with great ambitions. Colasse SA already serves more than 650 customers worldwide, including many large companies and public research centres.



OUR VALUES

▶ INNOVATION

We want to stand out from our competitors with products and processes that improve the quality and durability of light fittings. We are committed to finding answers for the challenges faced by our customers. We also focus on cross-innovation, transferring solutions from products and technologies originally designed for other markets.

▶ CUSTOMER SERVICE

We take a global approach that supports customers throughout the entire duration of their projects. We care about being easy to contact and ready to listen. Even after delivering our products, we are always ready to follow up on our projects to ensure full satisfaction for our customers.

▶ SUSTAINABLE DEVELOPMENT

We want to minimize the carbon impact of transporting our solutions. To help with this, we are relocating some of our production systems to Belgium. Protecting the environment and biodiversity are especially important to us. Our site in Seraing sets a great example: beehives, invasive plant control systems, flowers, measures to support native species, and much more.

▶ QUALITY AND EXCELLENCE

Our basic components are always high quality. We perform internal sampling of all incoming raw materials using professional measuring instruments. Whether at our own sites or those of our subcontractors, our production processes are always subject to rigorous quality control.

▶ EMPLOYEE DEVELOPMENT

The well-being and motivation of our employees is essential to us. We work hard to ensure that our employees can enjoy a pleasant work environment that supports involvement and investment. We also emphasize continuous training, with both internal coaching and external technical and scientific training.

// BUSINESS AREAS



INDUSTRY

Lighting for overhead cranes, tower cranes, halls, workspaces, etc. Colasse SA offers a comprehensive range of industrial lighting solutions. When it comes to LED displays, you can rely on us for your displays, whether for production, logistics, noise prevention, or industrial processes.



LOGISTICS

Logistics require high-quality lighting and signage to create safe and efficient working conditions. Colasse SA has developed a wide range of lighting solutions for cargo handling equipment, large outdoor spaces, and storage halls. We also offer LED displays for loading docks to provide fast and efficient communication with employees.



RETAIL

After an interview to better understand the customer's needs (manager or architect) and the image that they wish to create in their commercial space, Colasse SA conducts a detailed study. We provide the equipment and can also recommend qualified electricians to perform the installation if needed. We continue to monitor the project right up until opening day to ensure that you are completely satisfied with the results.

"We now have beautiful professional lighting that catches the eye without dazzling. Colasse cares about upholding its commitments and follows up closely on its projects."

Jean-Michel Hariga, Hariga-Closon Boutique, Liège



ART

Light quality, balancing the light intensity to manage visitor comfort and preservation of exhibits, adjustable lighting angles to give depth to displayed objects, and much more. Colasse SA has extensive experience with artwork lighting and compliance with the highly demanding specifications of curators. We have also been offering a multilingual surtitling solution for theatres and operas for more than a decade.

Colasse is responsible for illuminating the windows of the "Masks" exhibit at La Cité Miroir to simultaneously highlight and protect a collection of 80 masks.

La Cité Miroir, Liège

CONSTRUCTION

Lighting studies, dimensioning studies, manufacturing studies, provision of light fittings, readily available customer service, etc. Colasse SA partners with the electricity company to provide lighting for professional buildings. We supply equipment according to specifications and at the best value for money.



HORTICULTURE

With the Vegeled™ brand, Colasse SA has been developing horticultural lighting systems for research centres, seed companies, fruit and vegetable producers, green walls, and much more since 2008. Our goal? To optimize horticultural LED lighting for plants grown in greenhouse and laboratory settings.

“After a technical study and a call for tenders, Colasse replaced the lamps in six of our growing chambers. We now have a more sophisticated light spectrum for our plants, and we achieved a significant decrease in energy consumption.”

William Ribi re, Institute of Research for Development (IRD), Montpellier



SPORT

Colasse SA designs lighting solutions for sports fields, including football training grounds, padel and tennis courts, in partnership with EOLED AG, the official supplier of Swiss Tennis.



HEALTH

Colasse SA offers lighting systems for hospitals and nursing homes. We work with controllable LED panels and linear products that create comfortable and pleasant lighting. We also design light fittings that can be fully integrated into furniture to provide well-adapted lighting.



ANIMAL WELL-BEING

The visual perception of animals is not the same as that of humans. Colasse SA has developed expertise in providing specialized lighting solutions for animals living in captivity for a variety of fields: entomology research, breeding, animal parks, rides, aquariums, etc.



OUR PRODUCTS

LED spotlights



Our spotlights consist of:

- an aluminium casing with strong thermal performance coated with a resistant powder coating
- LEDs from major manufacturers
- durable and varied optical parts
- waterproof power supplies

wide range of input and frequency voltages (CE/UL)

Seaworthy options are also available.

LED strips



Colasse SA assembles custom LED strips by combining very elegantly manufactured aluminium profiles, high-performance PMMA or PC optical parts, and high-efficiency LED Spotted™ ribbons with excellent colour rendering properties. The company has also developed an encapsulation technique to produce waterproof LED rails.

Embedded and exposed lights



For lighting projects, Colasse collaborates with third-party manufacturers to extend its product range. In particular, we work together with Verbatim and CLS-LED for embedded lights, track spotlights, underfloor lighting, etc.

Controllers



Colasse SA offers various lighting control solutions, including CASAMBI technology and LTECH and ELDOLED controllers and interfaces. The company also provides its own climate control systems based on the HERBRO platform by Green House Keeper.

Parts



Thanks to a privileged partnership with ARDITI, Colasse can provide lighting professionals with any spare parts needed to manufacture lights: cords, plugs, switches, dimmers, sections, LED strips and modules, and switched-mode power supplies.

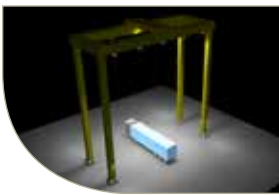
Displays



Colasse SA provides industrial displays for communicating with employees, safety (days since an accident, noise prevention), logistics, and process monitoring. The company also offers a comprehensive surtitling solution for operas and theatres.



OUR SERVICES



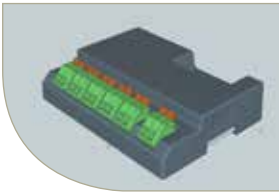
STUDIES

Technical lighting studies to determine device types, quantities, and power and angle requirements to find the most suitable and effective solution.



AUDITS

Lighting and power consumption audits by performing a site visit to identify needs and suggest improvements.



DESIGN CONSULTING FOR PRODUCTS

Complete lighting product and system design from A to Z.



MEASUREMENTS

Lighting measurements by spectrometer and goniophotometer.



TRIALS AND TESTS

Equipment and personnel deployment for Vegeled™ culture trials and systems.



Transforming an industrial wasteland into an oasis of biodiversity

The Colasse SA building can be found on the grounds of a site spanning 3,000 m². The company is transforming this industrial wasteland into a veritable island of biodiversity: vegetable garden with growing plots, beehives, vines, raspberry and currant bushes, flowering meadows, aromatic herbs, etc. All completely free from pesticides. Great for the planet, great for our employees.

"We have a shared 30 m² vegetable garden for staff and around a dozen self-watering vegetable bins. Anybody who works here can tend to the plants and take some vegetables home. Inside, there are hydroponic shelves where we are growing aromatic herbs and edible flowers. Soon, we would also like to build a greenhouse that we can use for product demonstrations and as an R&D platform."

Aubry, agronomist

"We set up three beehives at the bottom of the garden. I look after them with help from a professional beekeeper. In the winter, we leave the bees to their own devices, but in the summer we have to visit the hive every six days, which is a real pleasure. The bees forage from specially planted flowerbeds. We already had a small harvest of honey last year, which we shared between our colleagues. This year, we're expecting a lot more!"

Narcisse, production technician and beekeeper's apprentice



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