Colasse



LED SOLUTIONS

Horticulture · Vegeled

Indoor gardens & green walls

LED solutions for indoor gardens and green walls

High-quality light with high photosynthetic efficiency, for healthy, thriving plants.

40–1500 W	3000–4000 K	CRI > 90	–60 %
power ranges available	colour temperatures to choose from	colour rendering	energy on the RATP Gare de Lyon project

Vegeled™ LED lighting for indoor gardens

Lighting plants indoors is a profession in itself. The light must offer high visual quality and high photosynthetic efficiency, evenly distributed over the growing surface. The right spectrum keeps plants vital while preventing them from stretching.

Proper sizing guarantees **perfect visual rendering**, **healthy plants** and **controlled operating costs**. Colasse has developed a range of LED fixtures to light indoor gardens and green walls.

Vegeled advantages

- **Lighting adapted** to each application.
- **Stable flux and spectrum** over time, with a lifespan of 30,000 to 60,000 hours depending on ambient temperature.
- **Better luminous efficacy** and less heat than discharge lamps.
- **Control of the lighting rhythm**: dimmable intensity.
- **Designed by our engineering team in Belgium**, with rigorous quality control of finished products.
- Protection ratings suited to the conditions of use.



> **Reference – RATP: Météor garden, Gare de Lyon, Paris.** The project replaced old HID lamp installations with Vegeled floodlights using a white spectrum complemented with red, with a colour rendering index (CRI) above 90. 85 % of the emitted spectrum can be absorbed by plants during photosynthesis. Results: improved visual rendering, a dramatic drop in plant mortality and **60 % energy savings**.

Products and services



Vegeled floodlights, Venus series

- Universal power supplies
- High-quality LEDs
- Wide choice of optics, including POSTER
- Matt white (other RAL on request)
- CE, RoHS certified



Track spotlights

- Power: 48 W
- Wide beam: 40°
- Elegant design
- Matt white, CE, RoHS



Recessed spotlights

- Power: 45 W
- Narrow beam: 24°
- Elegant design
- Matt white, CE, RoHS

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Understanding your challenges is already securing your project.
Let's talk.

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