



Sustainability

Our commitment to protect the planet isn't just something we talk about, it's been in our DNA for over 10 years.

So, it was only natural that we take the same eco-friendly approach for our clients when creating new solutions for them. Having been the first to make LEDs the norm, to recycle our garlands and revolutionize our illuminations thanks to BioPrint – a recyclable and biodegradable material – we have also launched Recyprint, a range of decorations designed from plastic bottles.

We have 5 years of experience with this large format printing process, testing its resistance, making adjustments and mastering this tool, which we were the first to use in the lighting market. We also have our NORDIKA tree which looks just like a real Christmas tree but avoids deforestation and ORCHESTRA: the app that allows for smart, optimised illumination and electricity management.

Common sense and compassion also underpin how we behave as a business as we aim to significantly and sustainably reduce our carbon footprint.

We are taking action in this area including making our communication tools paperless wherever possible, recycling our waste, generating green energy at our wind farm, installing solar panels and replacing our fleet with hybrid vehicles.



Smart City

CONTACT

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Smart city

Optimised energy management

The «smart city» movement is gaining ground in France. Issues of eco-friendly equipment design and durability, plus smart energy management, are now part of many eco-friendly urban policies. Blachère works alongside towns and cities to develop new solutions that protect our planet and our future.

With our illumination management systems, you can remotely and easily manage the hours you want your illuminations to be on for and detect any problems. This means towns and cities can manage their electric resources more simply and with more control, and also contributes to their environmental and sustainable development goals.

An intelligent and affordable system for a sustainable smart city.



SETTING LIGHTING HOURS






REMOTE OVERALL MANAGEMENT



ECO-FRIENDLY ELECTRICAL RESOURCE MANAGEMENT



DETECTING PROBLEMS

	Switch+	Caméléon	Orchestra
Decor group creation	●	●	●
Calendar programming (Days and times for groups to be on)	●	●	●
Remote illumination management	-	-	●
Off-site order management	-	-	●
Alert management	-	-	●
Real-time installation monitoring	-	-	●
Lighting schedule optimisation	●	●	●
Security via Blachere Smartcloud	-	-	●
Interface customisation	-	-	●
Colour and animation settings	-	●	●
Lighting scenarios (Timing schedules, group management, etc.)	-	-	●
			

Our various illumination management systems

1/ I’ve got Switch+ boxes for my lights and I control the hours they are on for:
In a street, all my motifs are equipped individually with Switch+ boxes (pre-programmed according to my setup), making up a network.
This allows you to set a different time for your decorations versus public lighting and to decide to only have them on at certain times or calendar days to save energy and respect night-time biodiversity (see column 1 of attached table).

2/ I’ve got FL525RGB garlands and the PRX10RGB box for my trees and want to control the LEDs’ colour and the hours they are on for:
Stand in the street by the FL525RGB garlands.
Open the Caméléon app on your phone, identify your garland groups and decide which LED colour and animation you want. You can also set the times and days they are on for. This gives you a colourful light show that suits you (see column 2 of attached table).

3/ I’ve got Switch or Caméléon boxes for all my illuminations and want to control them all remotely on my computer, tablet or phone:
All my decorations are equipped with Switch+ or Caméléon units, I am also equipped with the ORCHESTRA control system by setting up ORCHESTRA relay units. Control this system through an online interface with a responsive design that can be opened on your computer, tablet or smartphone. You can set up lighting scenarios for your illuminations and the days and times they are on.
You have a remote real-time view of how your installations are working and are alerted to any problems.
All this data is managed securely in the Blachère Smartcloud so you can enjoy peace of mind at Christmas.
Once the ORCHESTRA system has been set up in your town or city, you can also get the Blachère teams to manage your illuminations. We can set lighting scenarios, monitor alerts and regularly send you reports on how your decorations are working.