



# Manifesto

We believe that illuminations bring more than just light to urban areas and living spaces:

We believe in their power to amaze, to enlighten and to create fairytales.

The way we design and develop our illuminations incorporates those qualities in every detail.

We are committed to produce items of quality whilst doing our utmost to protect both the environment and humanity.

Goodwill and an ethical approach are at the heart of our company's beliefs and can be found in all our projects worldwide.

We are Blachere and we have been producing illuminations with care and passion for 45 years.

# What inspires us

In 1973, Jean-Paul Blachère invented a signature profession that lights up living spaces and cities.

Today, we are a global company of over 400 people committed to change everyday life for the better.

Whether designed for capitals, villages, cities, shopping centers, parks, monuments etc. our projects reflect our creativity and our ability to invent increasingly innovative decorations and solutions.

We want to create beautiful pieces all over the world, for sure, but keeping in mind one of our top priorities: eco-responsibility.

Half of our research and development budget is allocated to ecoresponsible innovations.

We make every effort to limit the impact of our products to protect the planet and this marks just the beginning of our pursuit of eco-responsibility.





## Our network

Blachere illuminates the world thanks to its 28 subsidiaries. Each country has its own traditions and culture. For us, learning about the DNA of each place and respecting it is vital, to best carry out, not only magnificent, but coherent projects. For the stakes and desires are not the same in Sweden, United States, France or Dubai, we match each challenge with the perfect team to help you set up illuminations from the first contact.

Whether enhancing historic monuments, illuminating an avenue, transforming a majestic fountain or decorating a village square in Paris, Moscow or London, we aim to glorify places while respecting their history.

**65%** of french towns illuminated  
(with more than 5000 inhabitants)

**1000** cities worldwide in more than 80 countries

**17** of the 20 largest cities in France

**500** shopping centres decorated worldwide

# Sustainability

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

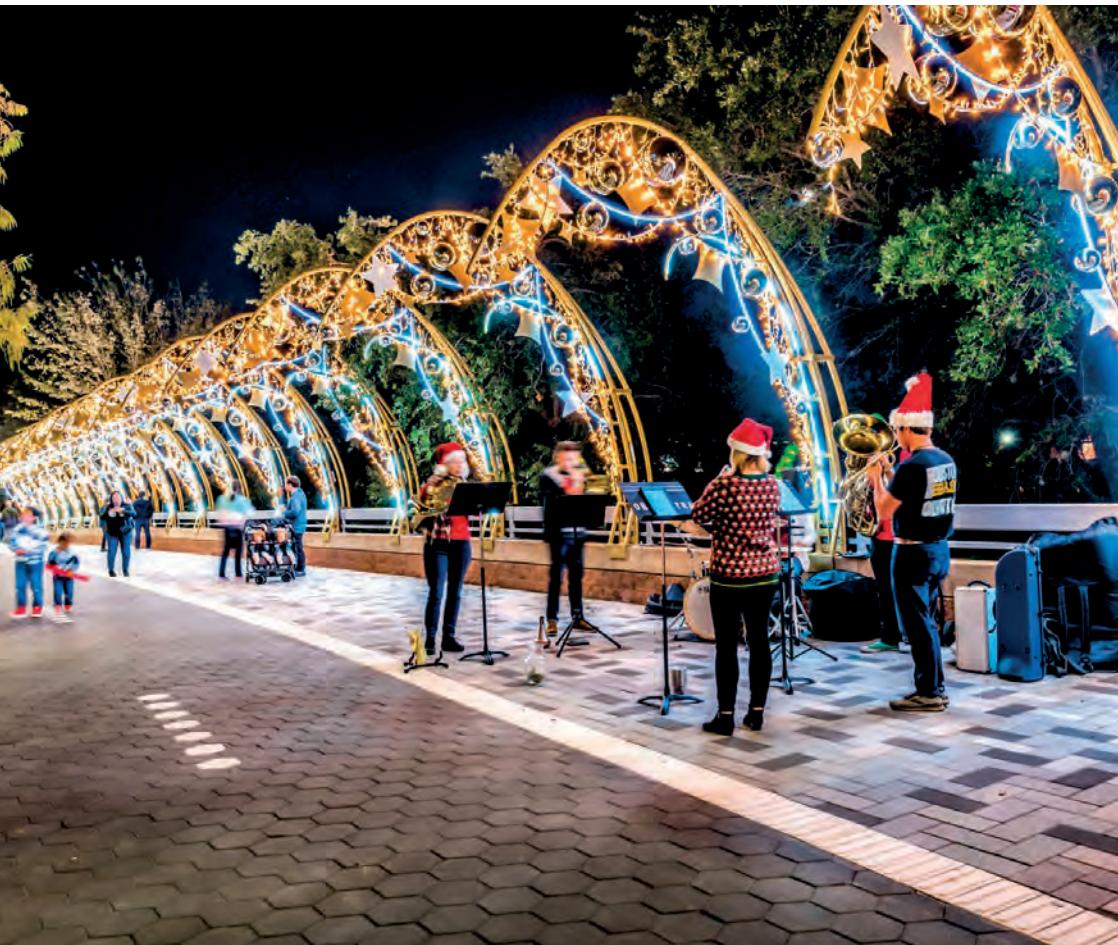
So, it was only natural that we take the same eco-friendly approach for our clients when creating new solutions for them. Having been the first to make LEDs the norm, we are now revolutionising our illuminations' structural design thanks to our eco-responsible and recyclable materials. With **Bioprint** – that comes from sugar cane – and **Recyprint** – designed with recycled plastic bottles – we can remove over 80% of the aluminium from our 2D decorations (more info p.12 to 17).

We also have our NORDIKA tree which just looks like a real Christmas tree but avoids deforestation (see p.110 to 117) and ORCHESTRA: the app that allows for smart, optimized illumination and electricity management (see p.254 to 259). Half of our research and development budget is allocated to ecoresponsible innovations.

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.





# Quality

We built on our 50 years of experience and 15 years of ISO certification to grow, optimize our processes and create our own system based on quality continuous improvement and monitoring.

Our Quality policy is based on daily commitments:

We ensure compliance with regulatory obligations.

We make sure that our quality commitments and deadlines are respected to satisfy our customers.

We foster creativity and innovation in products, technology and business.

We are continuously seeking improvement, performance and efficiency in our processes, including outsourced ones.

Our strategy is in line with the principles of Corporate Social Responsibility

And finally, we encourage the commitment and responsibility of all our employees in the application of this Quality policy.

We are Blachere and we have been producing illuminations with care and passion for 45 years.  
We look forward to continuing to do so.

# Know-how

An international team of over 30 designers create our vast range of decorations: everything from transverses above the streets, to spectacular facade decor for major stores and fun characters.

We start each personalized project with a clean slate and create new motifs and designs to suit our clients' wishes.

This year we are renewing our catalog with more than a hundred new decorations, designed according to trends and influences from around the world.

60 staff members work in our «haute couture» workshops in Apt (Provence French region), and more than 120 during high season. Every year, they produce more than 6000 custom-made decorations: giant fir trees over 25 metres long, monumental fountains or multicoloured tunnels of 100 metres long. All requiring skills in ironwork and in the most complex cabling.

For 5 years now, our facilities have been featuring 10 wide-format robot printers. They give us an extraordinary stylistic freedom and help us creating colourful eco-responsible illuminations in Bioprint and Recyprint.

A total of 50,000 series decorations are manufactured each year at our production sites.

During the Logistics Department's peak season, 60 trucks are leaving everyday our dedicated 12 loading platforms where they come and collect our decorations. They will then carry the illuminations to the cities, villages and shopping centres for the holiday season.

In 2016, the government has awarded us the French EPV label which singles out French companies with artisanal and industrial know-how exporting abroad.



# Our range of ecoresponsible decorations

**Protecting the planet: not just an option – our duty.**

Our R&D department is constantly looking for ethical materials for the design of our structures. 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. Our innovations are protected by a large number of patents.

## **Ecological design of our sets.**

Our decorations are equipped with a recycled and recyclable aluminium frame designed to support the structure and printed with our 3D wide-format printers in Bioprint or Recyprint. The 100% LED lighting components are recycled after use and are all interconnected with the Octoplus system.

These brand new eco-responsible materials allow us to remove more than 80% of aluminium from our 2D motifs, which has a substantial impact on our carbon footprint.

**Indeed, our Bioprint or Recyprint emits 10 times less CO2 than aluminium.**

Eco-responsibility is at the heart of our strategy. Now and more than ever. And we are committed to constantly thinking about innovations and ethical materials to create beautiful and magical things, while protecting the planet and people.



## **BIOPRINT OR RECYPRINT RECYCLABLE STRUCTURE**

The lighting components are wired onto a structure entirely made from our revolutionary new eco-responsible materials, available in different colours.



## **RECYCLED ALUMINIUM FRAME**

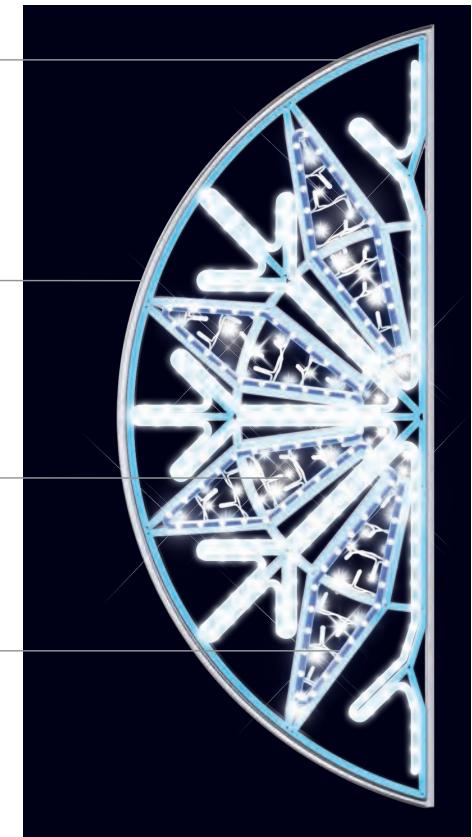
We use this aluminium frame and its sleek design to support the **Bioprint** and **Recyprint** structure. The aluminium used to manufacture all of our decorations is then collected and processed by a certified body.

## **OCTOPLUS INTERCONNECTIVITY**

The optimization of the interconnectivity between our different lighting components allows a multitude of assemblies while limiting the number of connection accessories.

## **RECYCLED ELECTRIC COMPONENTS**

An eco-organization approved for the process of professional WEEE (Waste Electronic and Electrical Equipment) collects and recycles all our garlands and other electrical components used for decorations.



# Bioprint

A recyclable and biodegradable biomaterial made from sugar cane

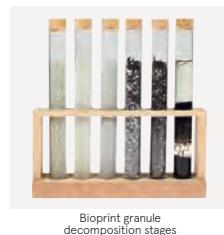
Bioprint designs are made from biosourced GMO-free sugar cane which is turned into dehydrated bioethanol at a French laboratory. When the granules arrive at our workshops in Apt, France, they are dyed with our own colours. The material is then injected into our 3D printers which produce colourful, biodegradable and recyclable structures.

A process that reduces the waste at the manufacturing stage and allows total recyclability at the end of its life..

"Biodegradation" means the decomposition of organic matter by microorganisms, with no harmful effect on the natural environment.

Our decorations biodegrade slowly at the end of their life - they can be installed outdoors for long periods without causing aesthetic or mechanical damage. One advantage of this slowness is that it minimises the greenhouse gases generated when the complex molecules that make up our revolutionary material biodegrade.

While industrial composting is one way to sensibly manage this biomass, the ecofriendliest approach is to recycle the material. By doing this, daily waste production can be minimised.



RECYCLABLE &  
BIODEGRADABLE



ORGANICALLY  
SOURCED



CERTIFIED AS  
GMO-FREE



IK10 UV  
RESISTANCE

# Recyprint

Less plastic bottles  
for a clean planet



► 500 billion bottles are produced every year and many of them end up being littered or in the oceans.

At Blachere, we have decided to tackle the scourge of plastic pollution by recycling PET (polyethylene terephthalate) from the food industry to create beautiful and innovative decorations using this unique material - rPET (recycled PET).

Indeed, each year, about 8 million tons of waste end up in the oceans and form the 7th continent - a vortex of floating plastics equivalent in size to 1/3 of Europe.

**Recycling, creating, innovating.**

The bottles we salvage are sorted by colour (from colourless to blue), then crushed into flakes to be shaped for extrusion. The granules resulting from this transformation are then injected into our 3D printers to create unique blue decorations.

This unrivalled method helps to limit greenhouse gas emissions and to keep our nature clean from plastic bottles as far as possible.

**A real and concrete example of the circular economy.**

The whole range is presented 40-43, 70, 116, 128 and 141.



8 plastic bottles are recycled into a flake of 80cm.



RECYCLABLE



TOTAL CIRCULAR ECONOMY  
NO MATERIAL CREATED



LOCAL SUPPLY  
IN rPET

# Get involved

In cleaning up the planet



Thanks to our RecyWhale or RecyTrain you will encourage people to recycle their plastic bottles. You will thus contribute to a participative and fun circular economy, **by reusing this waste to create enchanting illuminations for the year-end celebrations.**

**How does it work?**

You can place one of our Whales or Trains made from eco-friendly materials on your beachfronts and in your town centres to cover your recycling containers.

Each decoration features communication, making the public more aware of recycling by highlighting the goal: **To create illuminations for Christmas thanks to the bottles!**



**GX107-UK**  
RecyWhale  
◆ 2,30m - ◆ 3,70m  
■ 2,10m - □ 86kg



**GX112L-UK**  
RecyTrain  
◆ 1,95m - ◆ 2,00m  
■ 1,51m - □ 73kg



La Clotat (France) Tourist Office



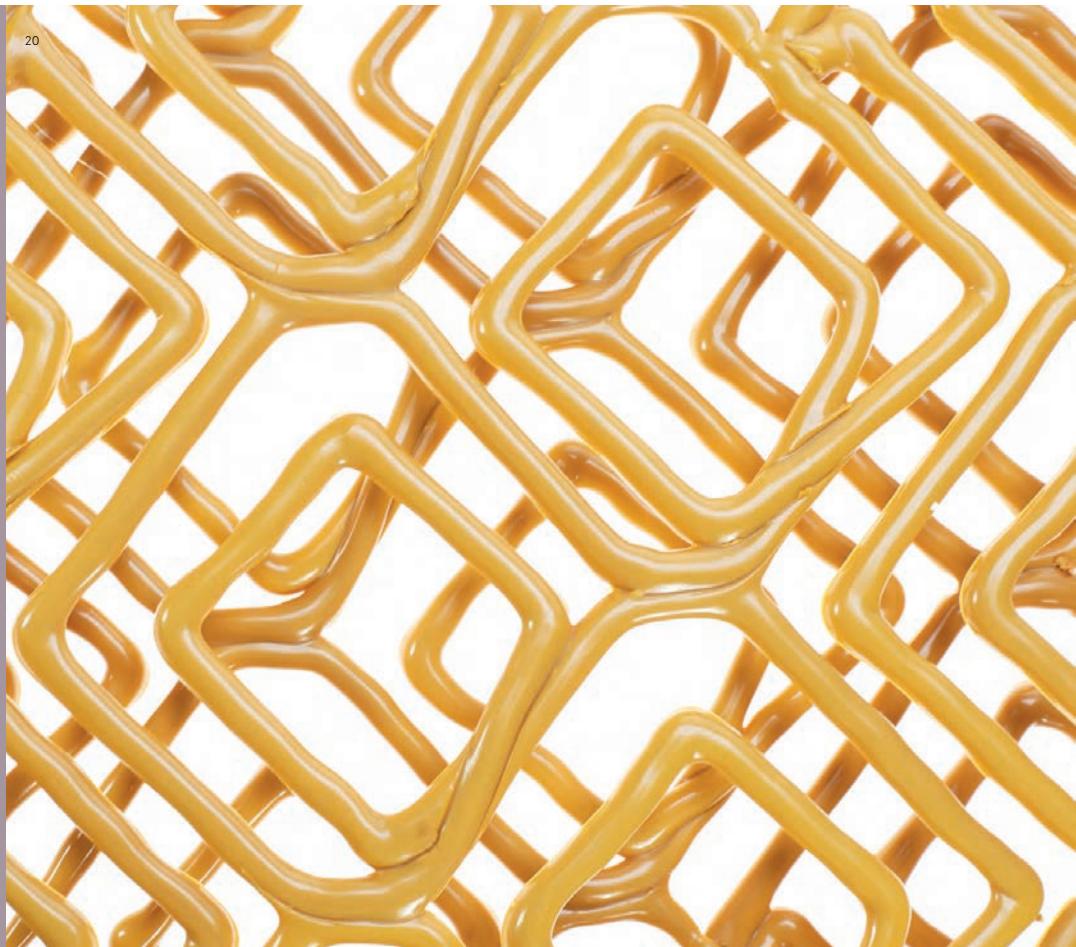
CONCRETE APPLICATION  
RECYCLING



PARTICIPATORY ACTION



ECO-CITIZEN DECORATIONS



collection  
**Élégance**

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Offering sophisticated decorations with gentle curves, this slight and subtle range is packed with Christmas tradition to elegantly enhance streets, roads and any urban architecture.

22



ÉLÉGANCE - 23



Detailed technical information p276 to 284



N ● ITL161W  
allegria  
◆ 1.25m - ◆ 6.00m  
⚡ 126W - ☀ 27kg  
● ITL161

N ● ITL158W  
double ritournelle  
◆ 0.90m - ◆ 4.00m  
⚡ 157W - ☀ 17kg  
● ITL158

● ITL129W  
arche quadrille  
◆ 1.20m - ◆ 4.00m  
⚡ 100W - ☀ 18kg  
● ITL129

● ITL130W  
grand quadrille  
◆ 1.00m - ◆ 3.00m  
⚡ 80W - ☀ 15.5kg  
● ITL130



N ● IPL144W  
maelie  
◆ 3.00m - ◆ 1.00m  
⚡ 65W - ☀ 18kg  
● IPL144

N ● IPL158W  
ritournelle  
◆ 2.00m - ◆ 0.90m  
⚡ 79W - ☀ 12kg  
● IPL158

N ● IPL143W  
serenade  
◆ 1.50m - ◆ 0.60m  
⚡ 35W - ☀ 8kg  
● IPL143

● IPL131W  
bannière quadrille  
◆ 2.80m - ◆ 0.80m  
⚡ 50W - ☀ 9.7kg  
● IPL131

● IPL129W  
quadrille  
◆ 2.00m - ◆ 0.90m  
⚡ 40W - ☀ 7.6kg  
● IPL129

● IPL130W  
petit quadrille  
◆ 1.20m - ◆ 0.60m  
⚡ 20W - ☀ 4kg  
● IPL130

Detailed technical information p276 to 284



Detailed technical information p276 to 284



Detailed technical information p276 to 284



● ITL077W  
bolchoi  
◆ 1.20m - ◆ 6.00m  
‡ 160W - ☐ 25.3kg

● ITL089W  
double harmony  
◆ 1.00m - ◆ 6.00m  
‡ 85W - ☐ 21.3kg

● ITL043W  
joyeuses fêtes cajun  
◆ 1.55m - ◆ 4.60m  
‡ 270W - ☐ 28.2kg

● ITL132W  
grand bolero  
◆ 1.20m - ◆ 4.00m  
‡ 130W - ☐ 19.5kg

● ITL108  
double swing  
◆ 0.70m - ◆ 3.00m  
‡ 80W - ☐ 10.8kg



● IPL029W  
salsa  
◆ 3.50m - ◆ 1.00m  
‡ 110W - ☐ 14kg



● IPL089W  
harmony  
◆ 3.00m - ◆ 1.00m  
‡ 55W - ☐ 9.2kg



● IPL108W  
bolero  
◆ 2.30m - ◆ 0.90m  
‡ 65W - ☐ 8.1kg



● IPL087W  
liano  
◆ 3.00m - ◆ 1.00m  
‡ 95W - ☐ 12.8kg



● IPL132  
cajun  
◆ 2.30m - ◆ 0.70m  
‡ 55W - ☐ 9kg



● IPL133  
twist  
◆ 1.20m - ◆ 0.60m  
‡ 35W - ☐ 3.9kg

Detailed technical information p276 to 284



● ITL120  
double clelia  
◆ 1.00m - ◆ 6.00m  
£ 115W - ☒ 23.4kg  
● ITL120B - ● ITL120R  
● ITL120W

● ITL120W  
double clelia  
◆ 1.00m - ◆ 6.00m  
£ 115W - ☒ 23.4kg  
● ITL120 - ● ITL120B  
● ITL120R

● ITL127  
arche milo  
◆ 1.20m - ◆ 4.00m  
£ 110W - ☒ 17.4kg  
● ITL127

● ITL127W  
arche milo  
◆ 1.20m - ◆ 4.00m  
£ 110W - ☒ 17.4kg  
● ITL127W



● IPL120  
clelia  
◆ 3.00m - ◆ 1.00m  
£ 60W - ☒ 11.2kg  
● IPL120B - ● IPL120 - ● IPL120R  
● IPL120W

● IPL128W  
banniere milo  
◆ 2.80m - ◆ 0.80m  
£ 50W - ☒ 8.8kg  
● IPL128

● IPL127  
milo  
◆ 2.00m - ◆ 0.90m  
£ 50W - ☒ 7.2kg  
● IPL127

● IPL127W  
milo  
◆ 2.00m - ◆ 0.90m  
£ 50W - ☒ 7.2kg  
● IPL127W

Detailed technical information p276 to 284



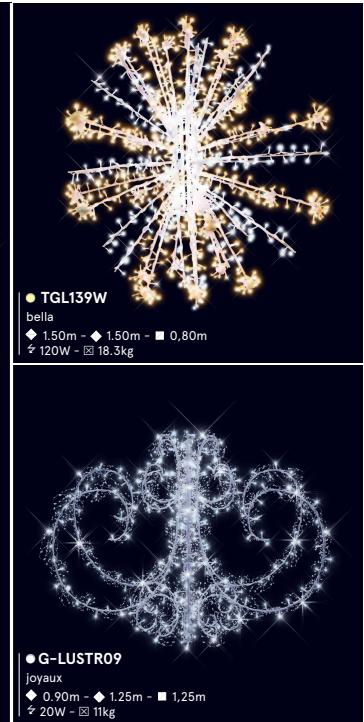
● ITGL100  
cadence  
◆ 1.50m - ◆ 1.20m ■ 1.20m  
⚡ 55W - ☎ 17.5kg



● ITGL101W  
noelie  
◆ 0.95m - ◆ 0.90m  
⚡ 20W - ☎ 3.8kg



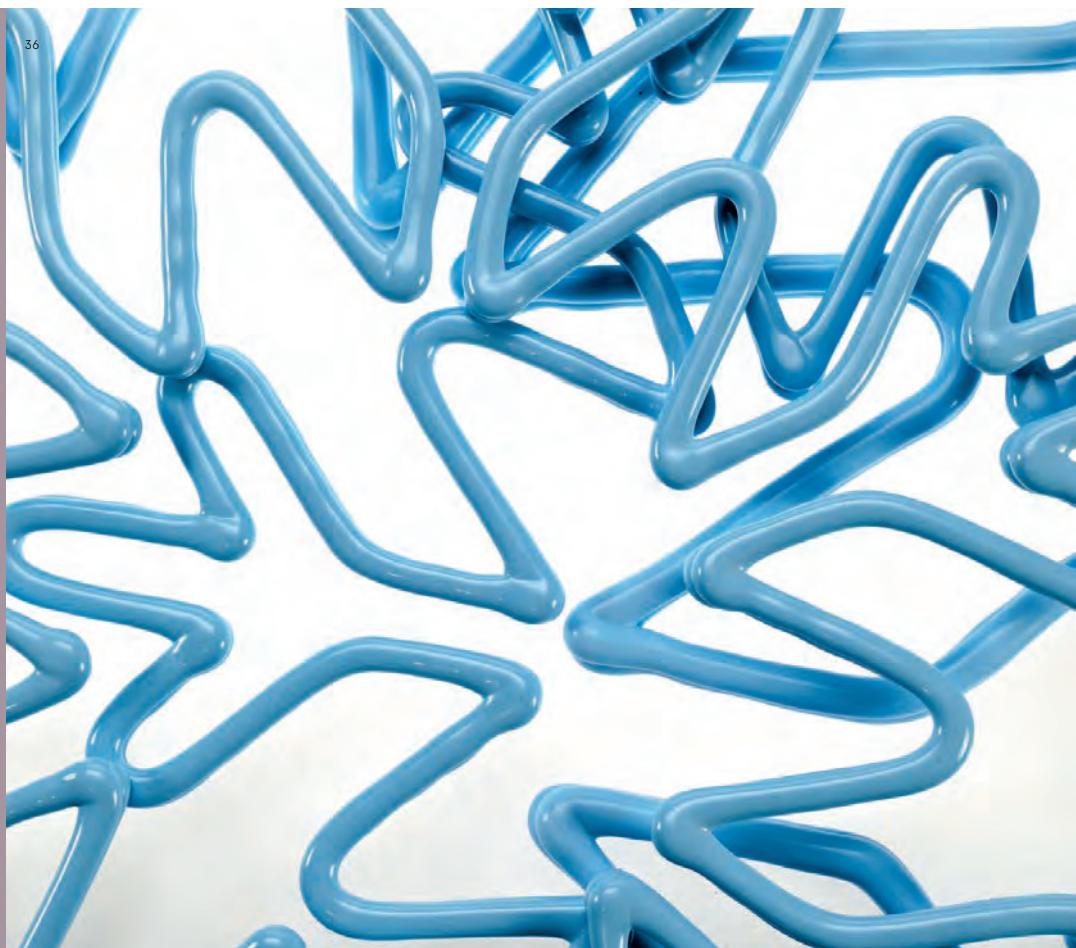
● GX114LW  
java  
◆ 1.50m - ◆ 1.20m - ■ 1.20m  
⚡ 30W - ☎ 27kg



● TGL139W  
bella  
◆ 1.50m - ◆ 1.50m - ■ 0.80m  
⚡ 120W - ☎ 18.3kg

● G-LUSTRO9  
joyaux  
◆ 0.90m - ◆ 1.25m - ■ 1.25m  
⚡ 20W - ☎ 11kg

Detailed technical information p276 to 284



collection

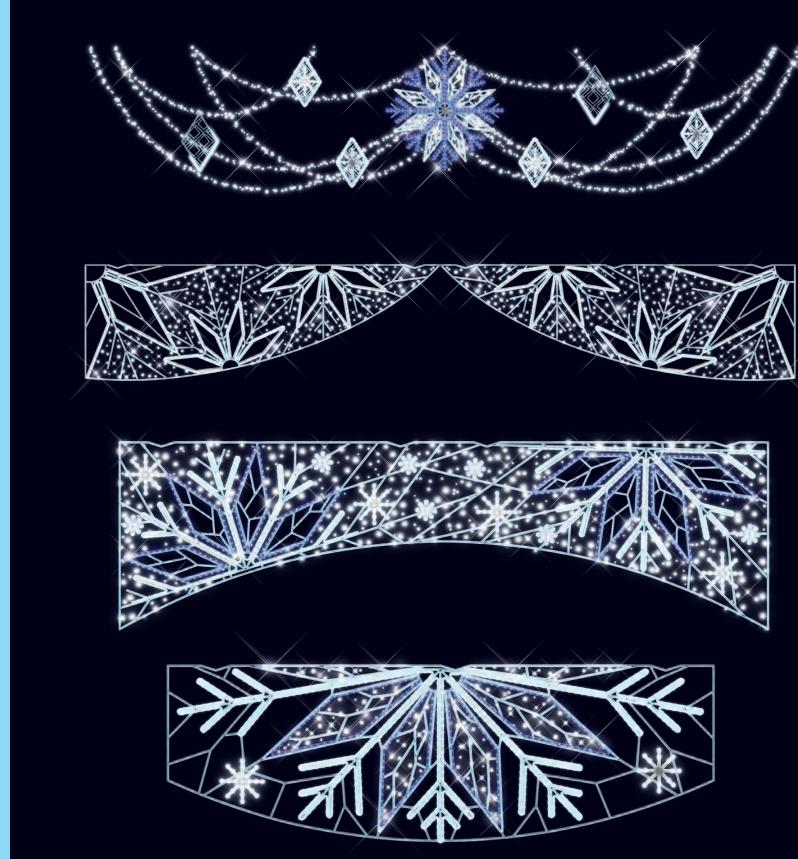
# Blizzard

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The north wind blows its frosty air and star-shaped snowflakes fall in their thousands. You can find all the magic of these gorgeous snow crystals in our decorations which create a magical polar atmosphere in white, gold and blue tones.



## Recyprint range



## Recyprint range



RECY  
PRINT

by Blachere Illumination

N  
● ITL163  
grand thorn  
◆ 1.25m - ◆ 6.00m  
⚡ 163W - ⚡ 32kg  
■ 194

N  
● ITL160  
double venturo  
◆ 1.00m - ◆ 6.00m  
⚡ 86W - ⚡ 31kg  
■ 408

N  
● ITL167  
apeliote  
◆ 1.20m - ◆ 4.00m  
⚡ 153W - ⚡ 30kg  
■ 340

N  
● ITL126  
grand asia  
◆ 1.00m - ◆ 3.00m  
⚡ 100W - ⚡ 16.3kg  
■ 201

N  
● IPL149B  
wild  
◆ 2.30m - ◆ 0.90m  
⚡ 59W - ⚡ 11kg  
■ 136

N  
● IPL150  
petit thorn  
◆ 2.00m - ◆ 0.90m  
⚡ 42W - ⚡ 9kg  
■ 80

N  
● IPL160  
venturo  
◆ 3.00m - ◆ 1.00m  
⚡ 43W - ⚡ 15kg  
■ 204

N  
● IPL143  
serenade  
◆ 1.50m - ◆ 0.60m  
⚡ 35W - ⚡ 8kg  
● IPL143W  
■ 95

N  
● IPL126  
asia  
◆ 1.50m - ◆ 0.60m  
⚡ 40W - ⚡ 5.4kg  
● IPL126W  
■ 62

N  
● IPL122  
alhair  
◆ 1.50m - ◆ 0.70m  
⚡ 30W - ⚡ 4.2kg  
■ 53

You can figure out the ecological impact of Recyprint decorations by calculating the total amount of bottles being recycled.  
For instance: 60 IPL160 decorations = our nature cleaned from 12,240 plastic bottles!

Detailed technical information p276 to 284

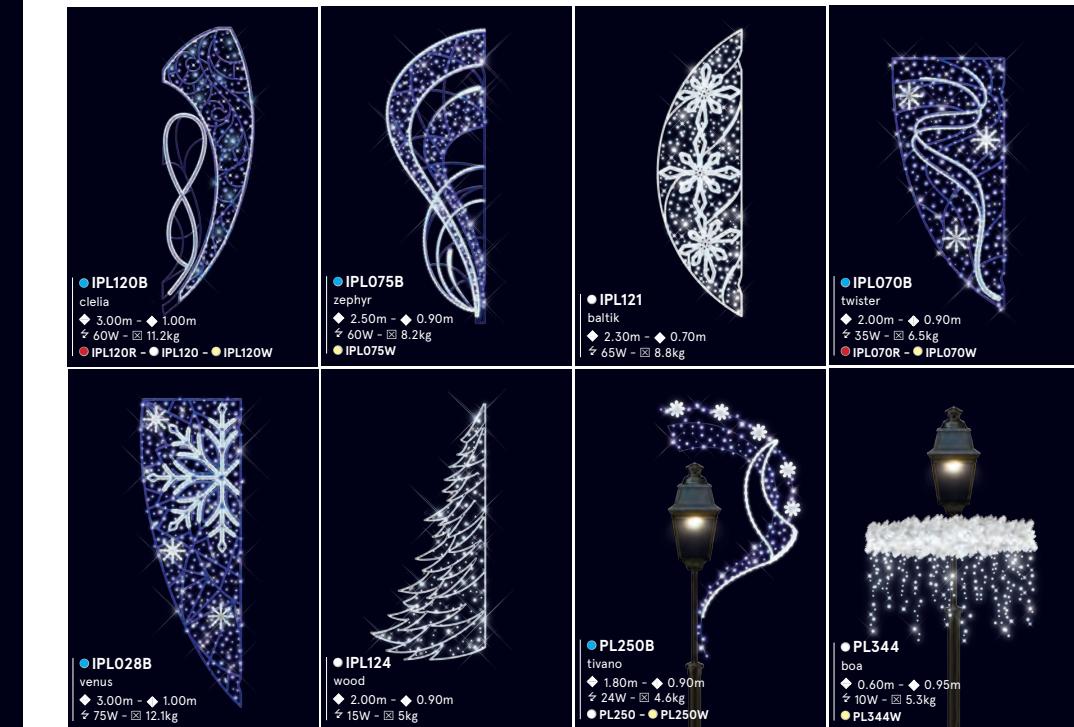
Recyprint range

**RECY PRINT**  
by Bichuca (Buenos Aires)

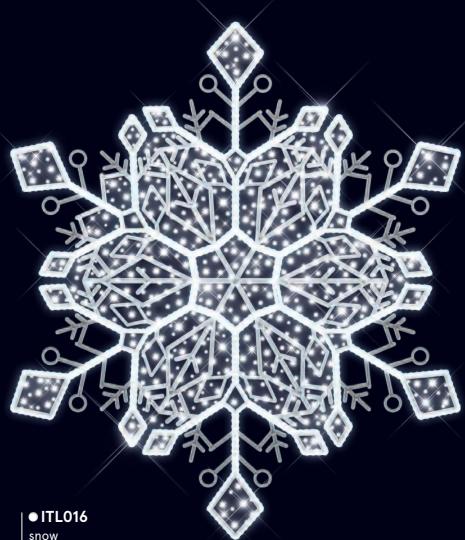
Model	Description	Dimensions	Weight	Code	Count
ITL161	allegria	1.20m - 4.00m 126W - 27kg	6.00m 27kg	ITL161W	120
ITL129	arche quadrille	1.20m - 4.00m 100W - 18kg	4.00m 18kg	ITL129W	176
ITL159B	double mae	0.90m - 4.00m 118W - 20kg	0.90m 20kg	ITL159R - ITL159W	227
ITL130	grand quadrille	1.00m - 3.00m 80W - 15.1kg	3.00m 15.1kg	ITL130W	158
ITL166B	ewan	1.00m - 3.00m 86W - 16kg	3.00m 16kg	ITL166R - ITL166W	170
IPL147B	jupiter	3.50m - 1.00m 59W - 15kg	1.00m 15kg	IPL147R - IPL147W	159
IPL148B	halley	3.00m - 1.00m 74W - 15kg	1.00m 15kg	IPL148R - IPL148W	181
IPL146B	russel	2.30m - 0.90m 63W - 11kg	0.90m 11kg	IPL146R - IPL146W	125
IPL159B	mae	2.00m - 0.90m 59W - 10kg	0.90m 10kg	IPL159R - IPL159W	113
IPL144	maelie	3.00m - 1.00m 65W - 18kg	1.00m 18kg	IPL144W	284
IPL131	banniere quadrille	2.80m - 0.80m 50W - 9.7kg	0.80m 9.7kg	IPL131W	79
IPL129	quadrille	2.00m - 0.90m 40W - 7.6kg	0.90m 7.6kg	IPL129W	79
IPL130	petite quadrille	1.20m - 0.60m 20W - 4kg	0.60m 4kg	IPL130W	46

You can figure out the ecological impact of Recyprint decorations by calculating the total amount of bottles being recycled.  
For instance: 80 IPL129 decorations = our nature cleaned from 6,320 plastic bottles!

Detailed technical information p276 to 284



Detailed technical information p277 to 284

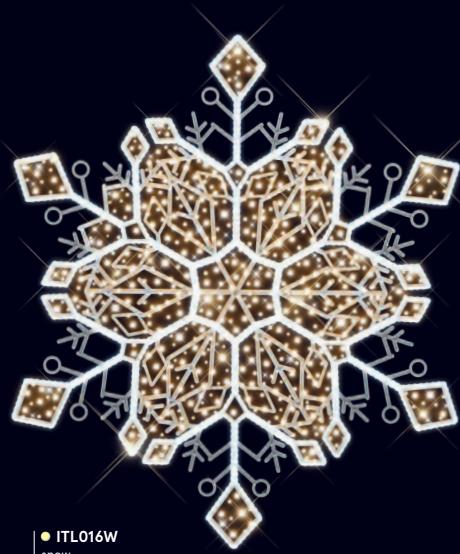


● ITL103  
maena  
◆ 1.10m - ◆ 0.80m  
⚡ 30W - ☀ 4.1kg  
■ 73

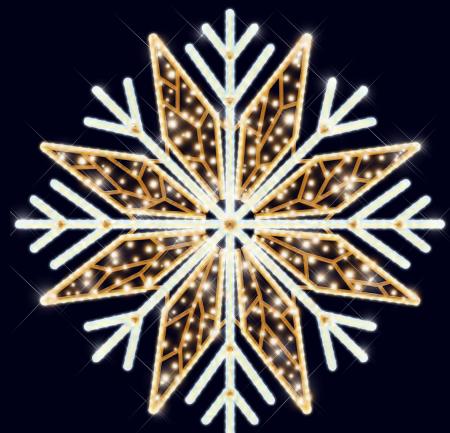


Easily transform any hanging decoration into a polemount decoration, thanks to our accessory: PIX01 (see p270).

Detailed technical information p277 to 284



● ITL016W  
snow  
◆ 3.10m - ◆ 3.10m  
⚡ 200W - ☒ 25.7kg  
● ITL016



● ITL101W  
grand mia  
◆ 2.00m - ◆ 2.00m  
⚡ 150W - ☒ 18kg  
● ITL101



● ITL102W  
mia  
◆ 1.00m - ◆ 1.00m  
⚡ 45W - ☒ 5.8kg  
● ITL102



● ITL022W  
dendra  
◆ 1.00m - ◆ 0.85m  
⚡ 30W - ☒ 3kg  
● ITL022



● ITL020W  
givre  
◆ 1.00m - ◆ 0.85m  
⚡ 40W - ☒ 4.5kg  
● ITL020B



● ITL115W  
illy  
◆ 0.50m - ◆ 0.40m  
⚡ 16W - ☒ 4kg  
● ITL115



Easily transform any hanging decoration into a polemount decoration, thanks to our accessory: PIX01 (see p270).

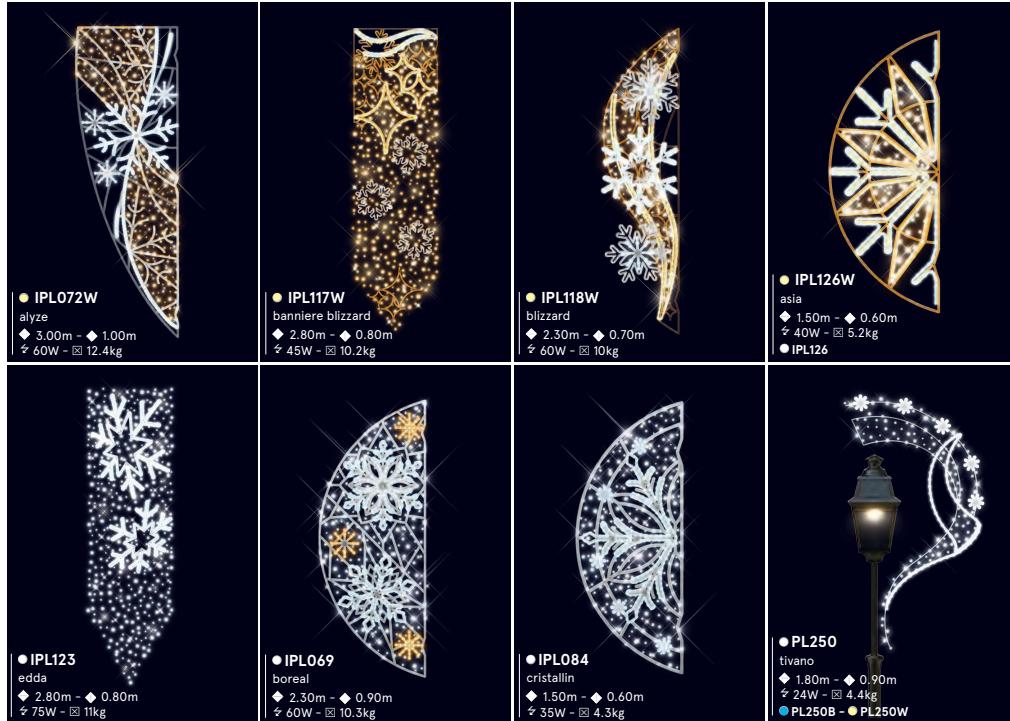
Detailed technical information p277 to 284



● ITL072W  
double alyzé  
◆ 1.00m - ◆ 6.00m  
⚡ 120W - ☀ 24.5kg

● ITL118W  
grand blizzard  
◆ 1.00m - ◆ 5.00m  
⚡ 135W - ☀ 24kg

● ITL119W  
sirocco  
◆ 1.20m - ◆ 4.00m  
⚡ 110W - ☀ 22.7kg



Detailed technical information p277 to 284



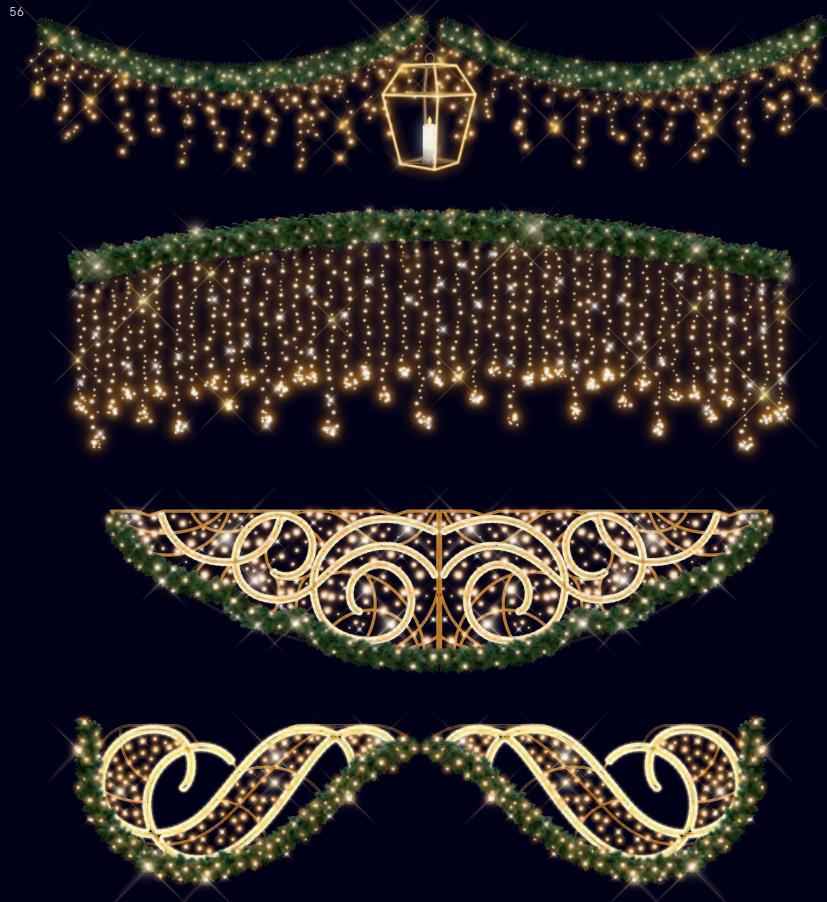
collection

# Romantic

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This sweet and gentle collection combines tradition and a sense of poetry to warm up Christmas with its warm white and green hues. Arabesques, bows and delicate ropes light up the streets of towns and cities to provide a romantic feel.





56  
2 x GP139L-W (page 227)  
+  
1 x GX048LW (page 59)

● TL341W  
arche ilson  
◆ 1.50m - ◆ 6.00m  
≈ 110W - ☎ 27.6kg

● ITL114W  
double zoe  
◆ 0.90m - ◆ 4.00m  
≈ 130W - ☎ 18kg

● ITL113W  
double calypso  
◆ 0.85m - ◆ 4.00m  
≈ 110W - ☎ 15.1kg



● IPL114W  
zoe  
◆ 2.00m - ◆ 0.90m  
≈ 65W - ☎ 8.7kg



● IPL134W  
banniere olympique  
◆ 2.80m - ◆ 0.80m  
≈ 50W - ☎ 9.7kg

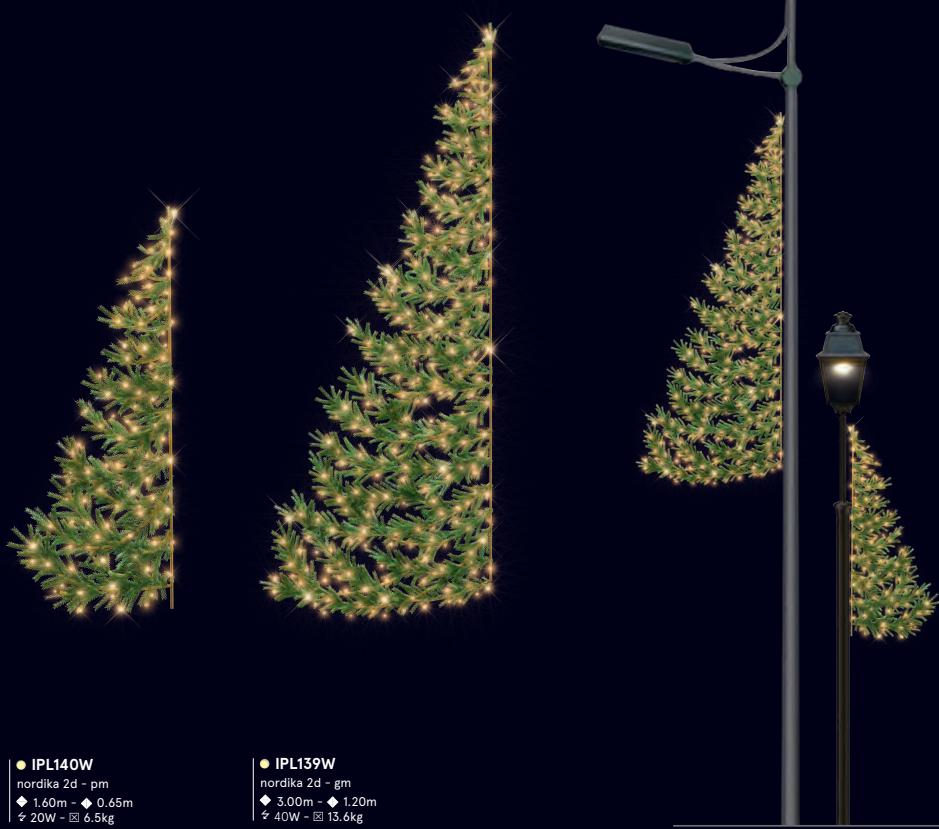


● IPL113W  
calypso  
◆ 2.00m - ◆ 0.90m  
≈ 55W - ☎ 7.3kg



● PL344W  
boa  
◆ 0.60m - ◆ 0.95m  
≈ 10W - ☎ 5.3kg  
● PL344

Detailed technical information p276 to 284



Easily transform any hanging decoration into a polemount decoration, thanks to our accessory: PIX01 (see p270).

Detailed technical information p276 to 284



● ITL135  
double flora  
◆ 1.00m - ◆ 6.00m  
⚡ 130W - ☉ 26kg



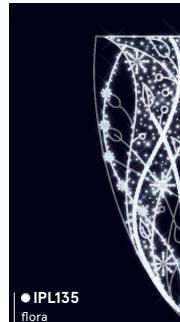
● ITL137  
double edelweiss  
◆ 0.90m - ◆ 4.00m  
⚡ 100W - ☉ 19.6kg



● ITL112W  
double idylle  
◆ 0.90m - ◆ 4.00m  
⚡ 100W - ☉ 15.6kg



● ITL136  
double eole  
◆ 0.60m - ◆ 3.00m  
⚡ 70W - ☉ 10kg



● IPL135  
flora  
◆ 3.00m - ◆ 1.00m  
⚡ 70W - ☉ 13.3kg



● IPL112W  
idylle  
◆ 2.00m - ◆ 0.90m  
⚡ 50W - ☉ 7.8kg



● IPL125  
belladone  
◆ 3.00m - ◆ 1.00m  
⚡ 75W - ☉ 13.1kg



● IPL137  
edelweiss  
◆ 2.00m - ◆ 0.90m  
⚡ 50W - ☉ 9.6kg



● IPL136  
eole  
◆ 1.50m - ◆ 0.60m  
⚡ 40W - ☉ 4.8kg

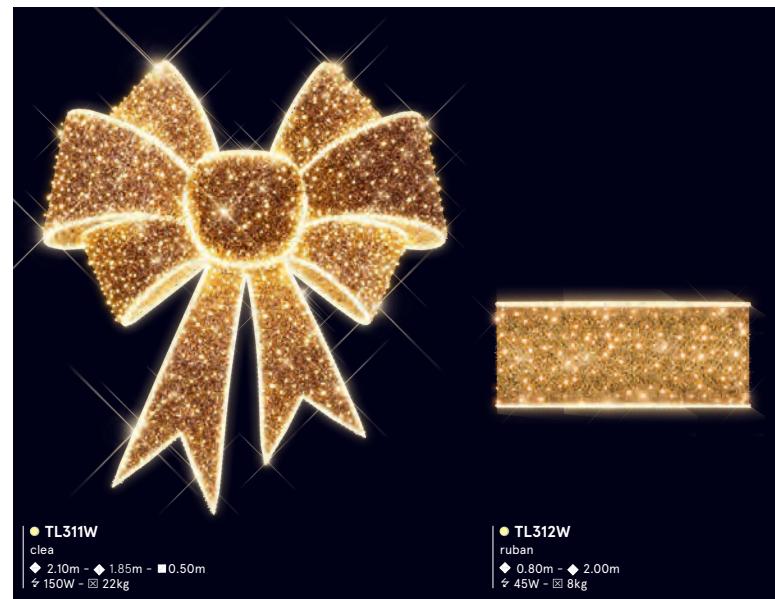


● IPL138  
petit edelweiss  
◆ 1.50m - ◆ 0.70m  
⚡ 30W - ☉ 4.7kg

Detailed technical information p276 to 284



Our fir trees are presented from p98 to p107 and our garlands p199.



● TL311W  
clea  
◆ 2.10m - ◆ 1.85m - ■ 0.50m  
≈ 150W - ≈ 22kg

● TL312W  
ruban  
◆ 0.80m - ◆ 2.00m  
≈ 45W - ≈ 8kg

Detailed technical information p277 to 284



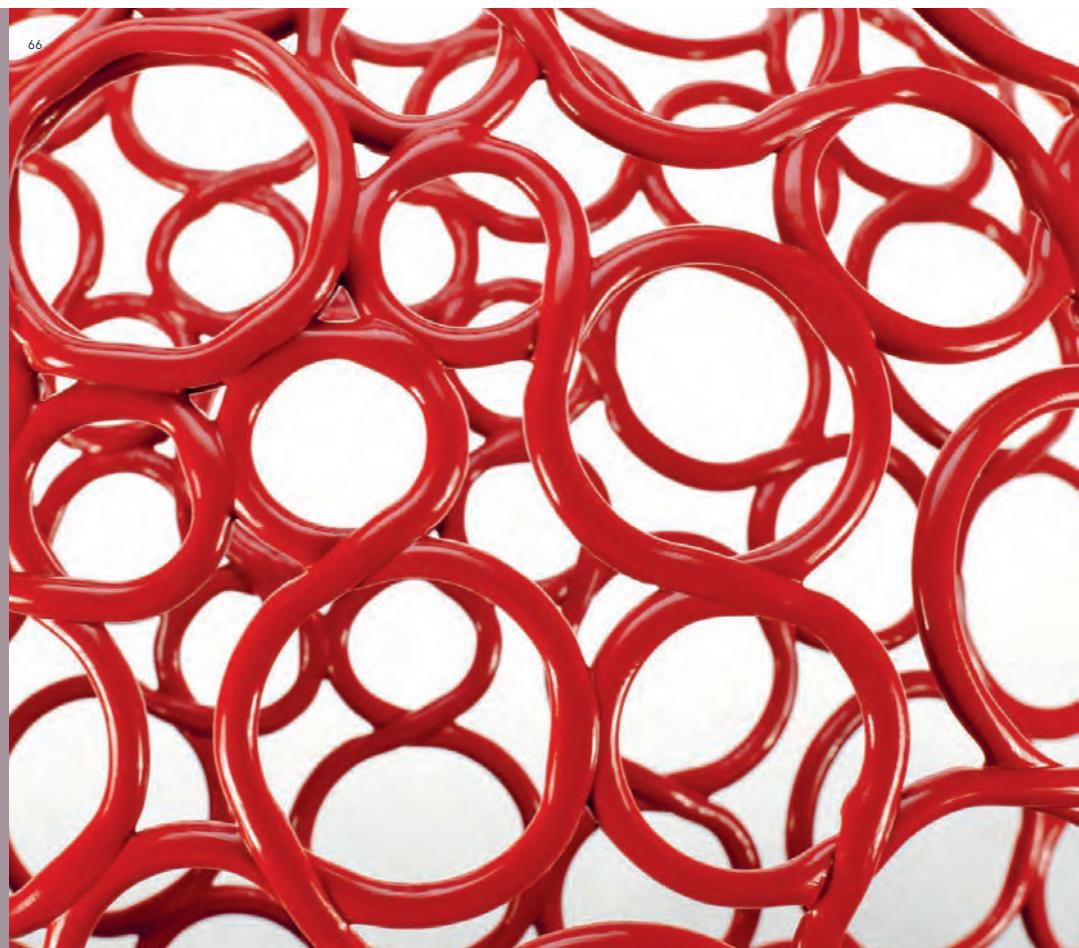
N ● ITL162W  
grand liv  
◆ 1.25m - ◆ 6.00m  
⚡ 204W - ⚡ 27kg

N ● ITL164W  
liv  
◆ 1.00m - ◆ 4.00m  
⚡ 185W - ⚡ 24kg

N ● ITL165W  
ilwan  
◆ 1.00m - ◆ 3.00m  
⚡ 122W - ⚡ 19kg



Detailed technical information p277 to 284



collection

# Sphéérique

---

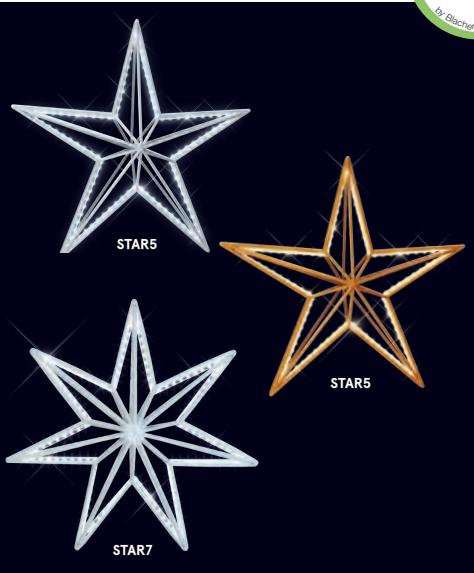
Shooting stars, baubles, gifts... This decidedly joyful and colourful collection will provide an imaginative Christmassy touch, decorating streets, building frontages and landmarks to create a brightly lit panorama that is dazzling and magical.



SPHÉRIQUE - 69

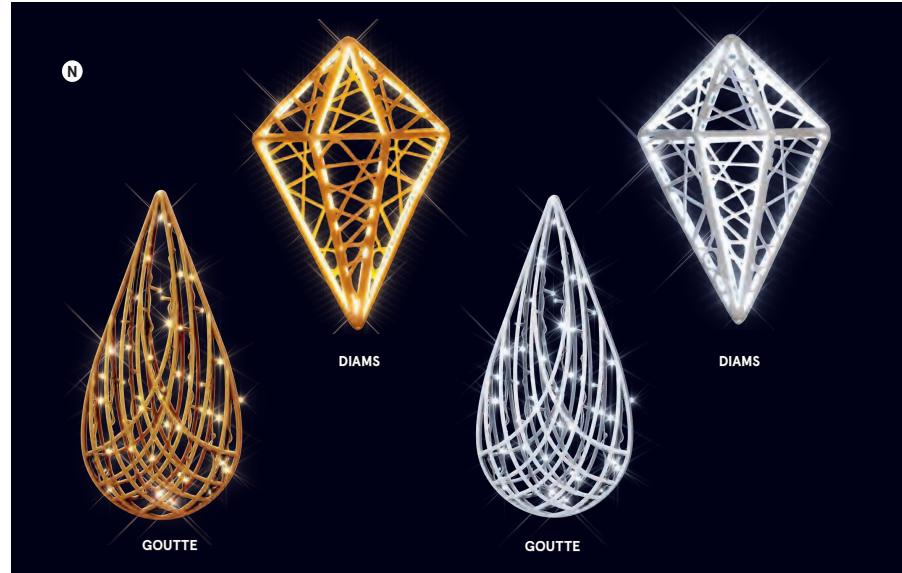


## Bioprint ceiling lights in 3D



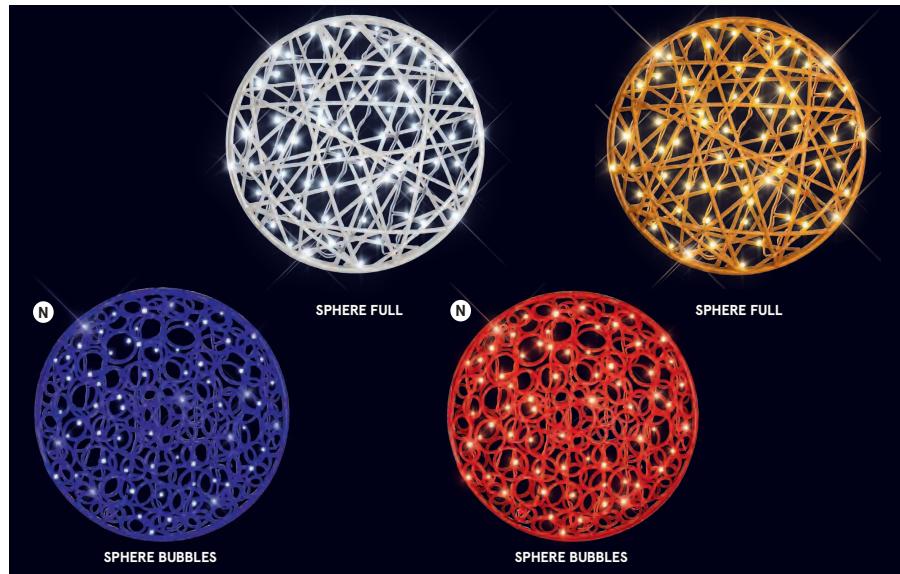
Reference	Description	Colour	Height	Width	Depth	P(W)	Weight
ITGL112	star5	○	0.80m	0.80m	0.18m	8W	1.50kg
ITGL112W	star5	●	0.80m	0.80m	0.18m	8W	1.50kg
ITGL111	star7	○	0.80m	0.80m	0.18m	15W	1.90kg
ITGL111W	star7	●	0.80m	0.80m	0.18m	15W	1.90kg

Detailed technical information p277 to 284



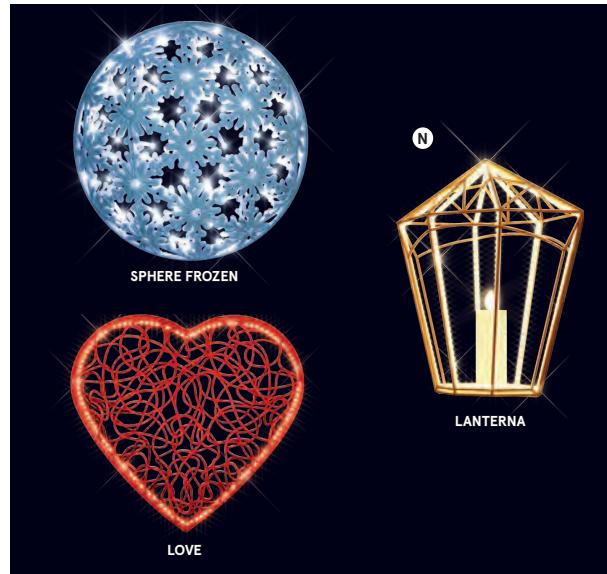
Reference	Description	Colour	Height	Width	Depth	P(W)	Weight
ITGL131	goutte	○	0.80m	0.40m	0.26m	11W	2.00kg
ITGL131W	goutte	●	0.80m	0.40m	0.26m	11W	2.00kg
ITGL102	diams	○	0.60m	0.40m	0.24m	15W	1.50kg
ITGL102W	diams	●	0.60m	0.40m	0.24m	15W	1.50kg

Detailed technical information p277 to 284



Reference	Description	Colour	Height	Width	Depth	P(W)	Weight
ITGL104	sphere full	○	0.50m	0.50m	0.26m	10W	1.70kg
ITGL104W	sphere full	○	0.50m	0.50m	0.26m	10W	1.70kg
ITGL105	sphere full	○	0.80m	0.80m	0.4m	20W	3.20kg
ITGL105W	sphere full	○	0.80m	0.80m	0.4m	20W	3.20kg
ITGL132B	sphere bubbles	●	0.50m	0.50m	0.26m	11W	1.70kg
ITGL132R	sphere bubbles	●	0.50m	0.50m	0.26m	11W	1.70kg
ITGL133B	sphere bubbles	●	0.80m	0.80m	0.4m	22W	3.20kg
ITGL133R	sphere bubbles	●	0.80m	0.80m	0.4m	22W	3.20kg

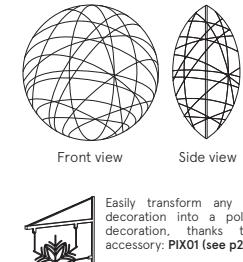
Detailed technical information p277 to 284



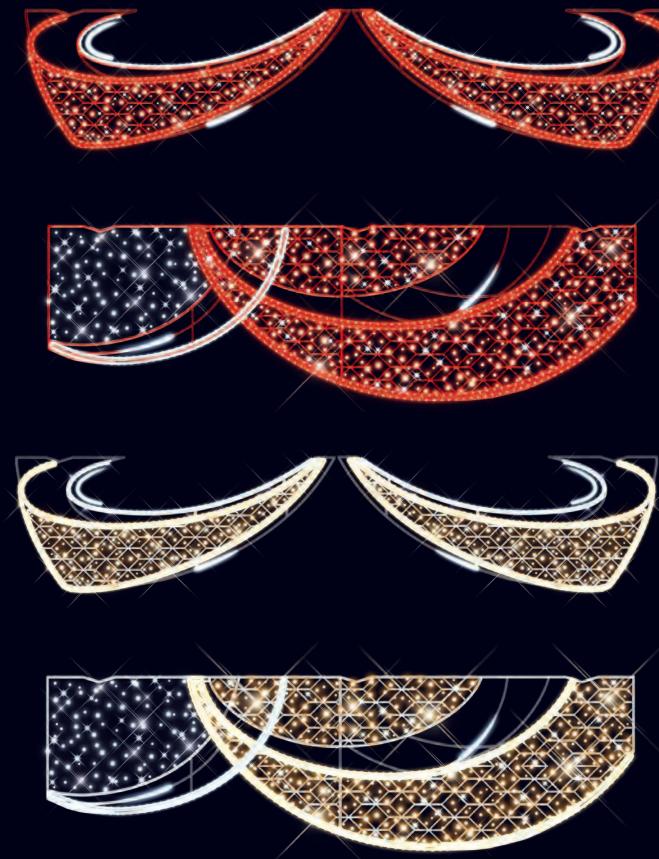
Reference	Description	Colour	Height	Width	Depth	P(W)	Weight
ITGL107	sphere frozen	○	0.50m	0.50m	0.26m	15W	2.60kg
ITGL108	sphere frozen	○	0.80m	0.80m	0.40m	25W	6.00kg
ITGL117R	love	●	0.60m	0.60m	0.46m	8W	2.00kg
ITGL130W	lanterna	●	0.80m	0.70m	0.24m	26W	5.00kg

Detailed technical information p277 to 284

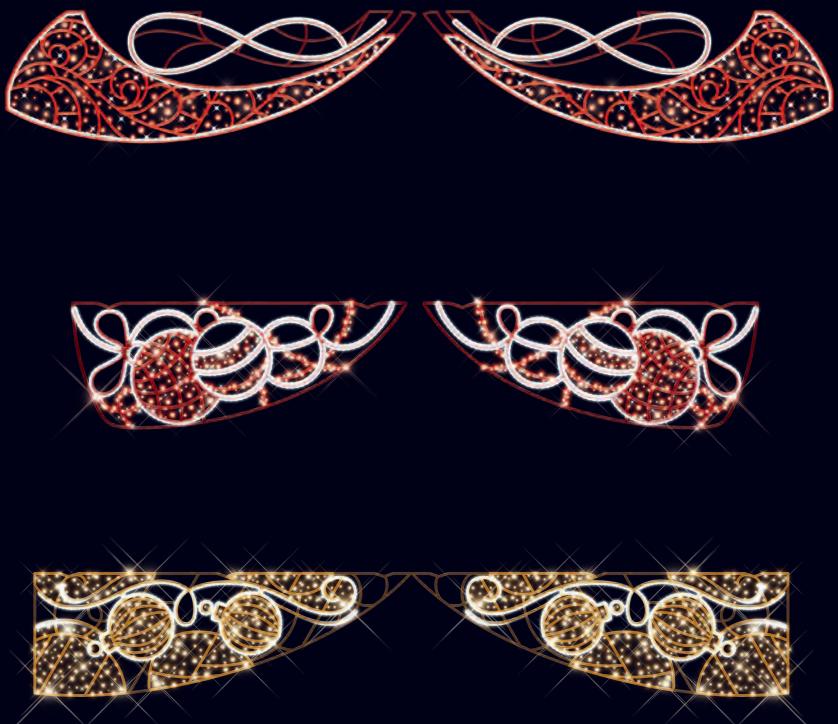
Schematic diagram of all the ceiling lights presented on this double page:



Easily transform any hanging decoration into a polemount decoration, thanks to our accessory: PIX01 (see p27).



Detailed technical information p277 to 284



Detailed technical information p277 to 284



● ITL094W  
grand stella  
◆ 1.20m - ◆ 6.00m  
⚡ 195W - ☀ 26.4kg



● ITL095W  
double azur  
◆ 0.70m - ◆ 4.60m  
⚡ 140W - ☀ 17.2kg



● ITL058W  
double estelle  
◆ 0.85m - ◆ 4.10m  
⚡ 140W - ☀ 17.5kg

*Joyeuses Fêtes*

● ITL009  
joyeuses fêtes astral  
◆ 0.90m - ◆ 3.50m  
⚡ 80W - ☀ 10.9kg  
● ITL061



● IPL094W  
stella  
◆ 3.00m - ◆ 1.00m  
⚡ 70W - ☀ 10.8kg



● IPL106W  
galatea  
◆ 3.00m - ◆ 1.45m  
⚡ 90W - ☀ 12.4kg



● IPL058W  
estelle  
◆ 2.00m - ◆ 0.80m  
⚡ 75W - ☀ 9.1kg  
● IPL058



● IPL042W  
celesté  
◆ 3.00m - ◆ 0.85m  
⚡ 75W - ☀ 10kg



● IPL095W  
azur  
◆ 2.30m - ◆ 0.70m  
⚡ 70W - ☀ 8.3kg



● IPL058  
estelle  
◆ 2.00m - ◆ 0.80m  
⚡ 75W - ☀ 9.1kg  
● IPL058W

Detailed technical information p277 to 284

**3D****3D foldable spheres**  
(for optimized storage)**ø 0,60m**

- TGL70LWW  
sphere pliable pm  
◆ 0,60m - ◆ 0,60m - ■ 0,60m  
£ 30W - ☒ 3.9kg
- TGL70LW

**ø 1,00m**

- TGL71LWW  
sphere pliable mm  
◆ 1,00m - ◆ 1,00m - ■ 1,00m  
£ 75W - ☒ 11.5kg
- TGL71LW

**ø 1,60m**

- TGL72LWW  
sphere pliable gm  
◆ 1,60m - ◆ 1,60m - ■ 1,60m  
£ 165W - ☒ 24.8kg
- TGL72LW

**2D****2D Spheres****ø 0,30m**

- ITL051W  
sphere pm  
◆ 0,30m - ◆ 0,80m  
£ 5W - ☒ 1.0kg
- ITL051 - ● ITL051B - ● ITL051R

**ø 0,60m**

- ITL052W  
sphere mm  
◆ 0,60m - ◆ 0,60m  
£ 10W - ☒ 1.7kg
- ITL052 - ● ITL052B - ● ITL052R

**ø 1,00m**

- ITL053W  
sphere gm  
◆ 1,00m - ◆ 1,00m  
£ 20W - ☒ 2.8kg
- ITL053 - ● ITL053B - ● ITL053R



Easily transform any hanging decoration into a polemount decoration, thanks to our accessory: PIX01 (see p270).

Detailed technical information p277 to 284



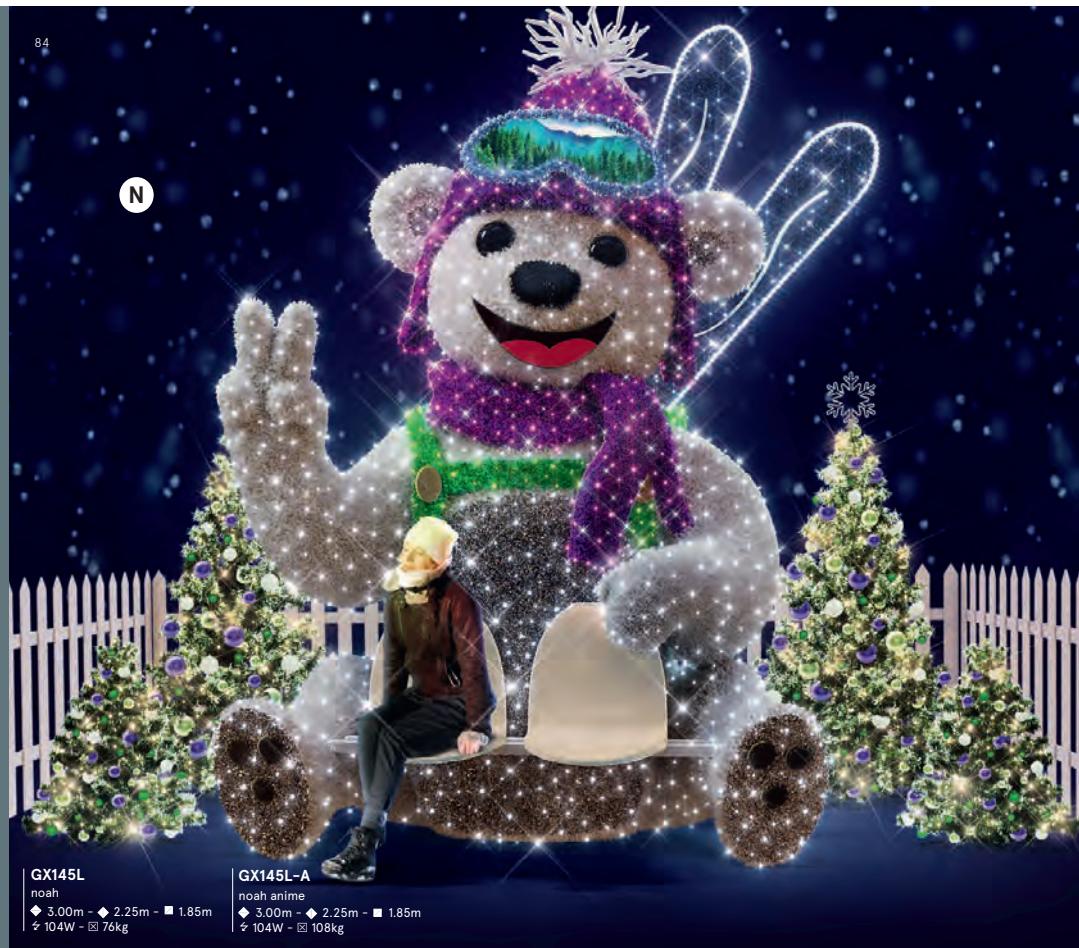
# 3D characters

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Each year, we design 3D characters to create exciting, fun and joyful decorations.

From a funny bear to a majestic deer or a giant Father Christmas, all our creations make a wonderful spectacle for all ages. They are mostly interactive and animated (ending in -A references).

All our ballasting solutions and mounting bases are available in our Accessories section page 274.

**N**

Detailed technical information p276 to 284

N

Volumes &  
interactivity

Detailed technical information p276 to 284



**GX134L**  
nutcracker  
◆ 2.30m - ◆ 0.65m - ■ 0.60m  
≤ 26W - ≤ 24kg



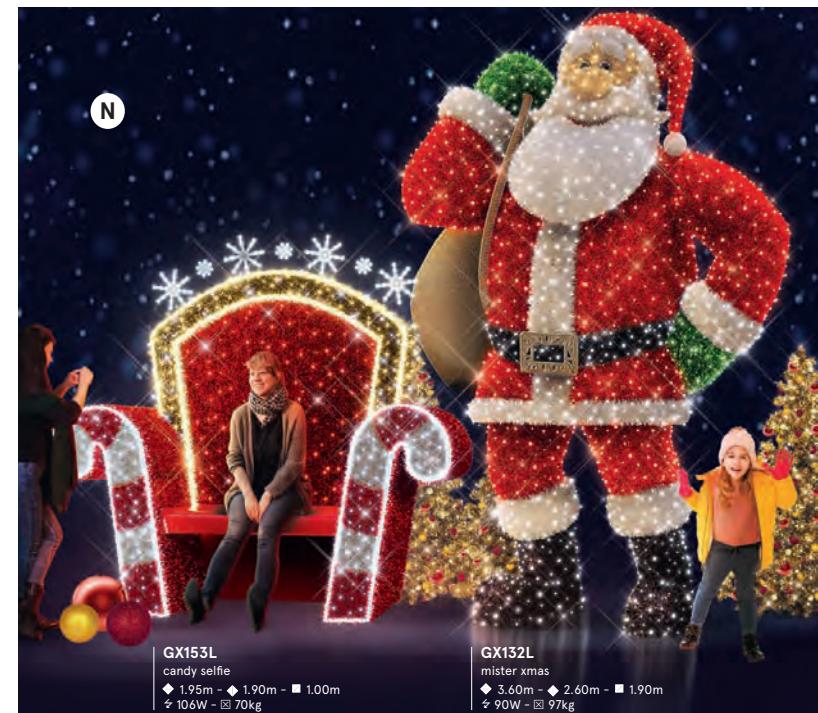
**GX102L**  
xmas train  
◆ 1.90m - ◆ 3.55m - ■ 1.00m  
≤ 140W - ≤ 130kg

**GX112L**  
recy train  
◆ 1.95m - ◆ 2.00m - ■ 1.50m  
≤ 123W - ≤ 73kg



To complement your decorations, we can provide you with our real fir trees sustainably cultivated and processed with flake finish based on fireproof natural cellulose fibre. Contact our sales department and choose your colours and finish.

Detailed technical information p276 to 284







Detailed technical information p276 to 284



GX042L: supplied with 3 different visuals - Christmas Market, Santa's Workshop and North Pole.

Detailed technical information p276 to 284





# Wooden cottage

Easily stored and dismantled

This real wooden cottage, is resistant, UV and weather-proof and is also convenient to install. It can be dismantled quickly and stored easily thanks to its rectangular shape taking very little space. It has 3 openings (a large one on the front, one on the right side and one on the left side).

Technical details :

Dimensions when disassembled: 3.00 x 2.20 x 0.66 m with an aluminium construction suitable for forklifts. Electrical connection included: 1x triple socket, 1x high voltage connector, 1x light panel with light switch.

Reference	Description	Height	Length	Width	Weight
LODGE	Wooden cottage	2.50m	3m	2.20m	1000kg

## Installation steps



## Storage (3 cottages) :





## Create your own Bioprint scenes

Choose from these characters to create your own scene.

- **Choose your frame:** Bauble or Golden Gift (Ref. SC014 or SC015).
- **Choose 2 decorations and create your own scene:** Reindeer, House, Fir Tree, Angel, Sled, Snowflake, Snowman and Gift Packs (Ref. from SC016 to SC025) - Let your imagination run wild!



Detailed technical information p276 to 284



# Play Magic

## Play in augmented reality!

Allowing audiences to do things like take a photo with Father Christmas or play with Charlie the Unicorn, our augmented reality apps add virtual characters into the real world, leaving the public laughing and amazed. Children and adults can easily take part in the fun using a smartphone enjoying an unforgettable experience that transforms reality into a unique performance.

### How does it work?

**For the public, the idea is simple:** When users approach the Play Magic banner, the app they have pre-installed on their phones automatically unlocks to give them access to the games. They can then share the experience on their social media pages. The public app features your branding and a link to your website or social media.

### For the city:

The games app has a subscription model valid while the illuminations are up, with games updated each year. Apart from this, all you need to do is install the banner near the illuminations to tell the public they can enjoy a free game on their phone in the location. There is no need for any connection. The app's success also depends on you advertising it on displays in your town/city and on your social media pages. We can assist you in setting up your communications (Réf. ARCOM below).

### Games available:



Reference	Description
AR001	3 games pack (chosen from the 7 existing games) + 1 Totem
AR002	5 games pack (chosen from the 7 existing games) + 1 Totem
ARTOT1	1 additional Totem
ARCOM	Augmented Reality Communications Pack (non-printed poster, web banner and smartphone-format image).



200 cm



# Nordika & 3D

---

Christmas wouldn't be Christmas without a Christmas tree. Our majestic NORDIKA trees are so lifelike that they could be mistaken for real imposing Scandinavian firs. These beautiful and everlasting specimens give Christmas decorations a gentle and reassuring touch.

Combined with our elegant, bright trees and our fountains, streets and alleyways are given a welcoming and natural feel.

# Nordika

[ Blachere  
Exclusivity ]

The christmas tree  
better than a real one!

Who hasn't dreamt of a huge Christmas tree? However, a natural tree takes 30 or 40 years to reach a height of 12 m. To avoid being involved in deforestation and cutting down these majestic four-decades-old trees, we have invented Nordika.

Pre-illuminated with a SlowGlow effect, and easy to put up and store away, they are perfect replicas of their natural cousins thanks to their design and incredibly realistic look.

#### Our eco-designed Nordika range

We have based our environmental approach on a simple principle: saving at least as much carbon emissions as released. To do so, we use only biocompatible materials that we recycle at the end of their life. We are also putting our best efforts to reduce the carbon dioxide emissions in our own production and those of our stakeholders.



OPTIONAL  
TREETOP



HYPER REALISTIC  
CHRISTMAS TREE  
BRANCHES



WOOD-EFFECT TRUNK



WOOD EFFECT  
STAND AVAILABLE



# The Christmas tradition

What could be more iconic than a majestic Christmas tree during the holiday season? This Christmas, Blachère has reinvented this festive classic, taking care of every little detail: The perfectly regular branches, realistic high-quality finish and majestic size make this a must-have product.

Just as you carefully consider how you will decorate your Christmas tree at home each year to surprise and amaze your family and friends, you can personalise your Nordika to make it unique: hang baubles from the branches, add lit toppers, or put them in a wooden stand.

Our NORDIKA tree remains a lasting, high-quality investment in line with the very best of Christmas tradition.

New construction: 8 additional branches								
Ref	Name	Height	ø	P(W)	Weight	No of elements	Colour of Led	No of Led
GX081LW-2	sapin Nordika - PM	5,00 m	3,56 m	245 W	263 kg	46	●	2976 (1488 steady + 1488 with slowglow effect)
GX082LW	sapin Nordika - MM	8,00 m	4,70 m	770 W	1112 kg	107	●	8664 (4332 steady + 4332 with slowglow effect)
GX083LW	sapin Nordika - GM	12,00 m	5,90 m	1870 W	2 750 kg	194	●	21048 (10524 steady + 10524 with slowglow effect)



## Accessories for Nordika and trees

### Decorative baubles kit

Each kit features 52 baubles in the same colour (M1/B1 category-fire-proof)-50% shiny /50% satiny

- 28 baubles ø 12cm
- 20 baubles ø 20cm
- 4 baubles ø 25cm



Colour	Reference
Silver	KITNDK-A
Blue	KITNDK-B
Gold	KITNDK-O
Red	KITNDK-R

#### Recommendations

Nordika - 5 m → 2 kits - 104 baubles  
 Nordika - 8 m → 4 kits - 208 baubles  
 Nordika - 12 m → 8 kits - 416 baubles

### Bioprint & Recyprint kit

Each kit features 20 motives

- 8 motives ø 50cm
- 12 motives ø 30cm

N



Colour	Motive	Reference
Blue/White	Snowflake	KITNDK-F
Gold/White	Star	KITNDK-E

#### Recommendations

Nordika - 5 m → 2 kits - 40 décos  
 Nordika - 8 m → 4 kits - 80 décos  
 Nordika - 12 m → 8 kits - 160 décos

### Base and tree topper

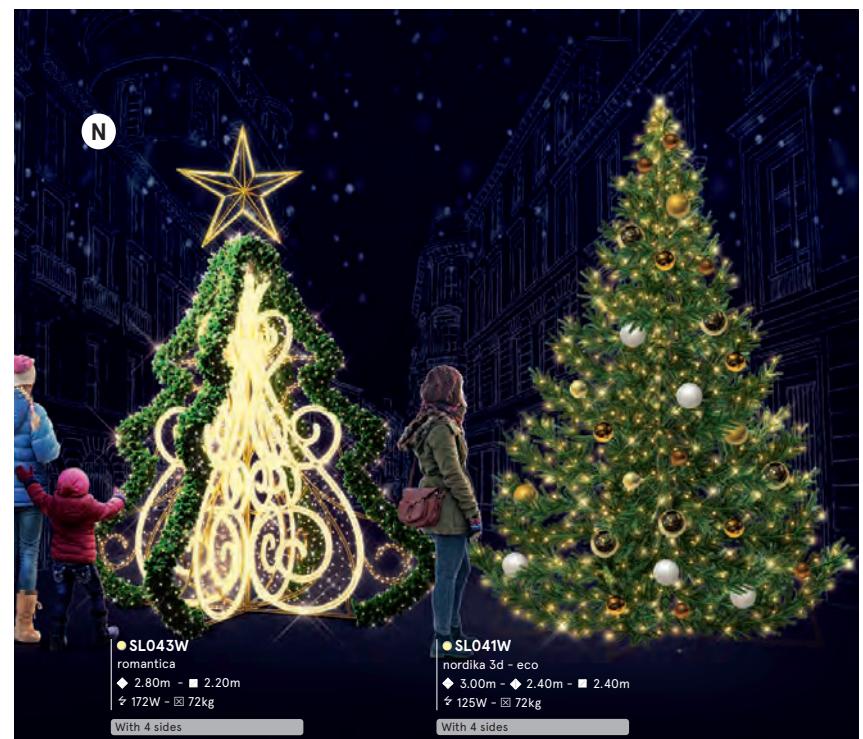
4 tree toppers are available for an additional magical touch to your Nordika tree.

Bases can also be featured with all Nordika trees.



Tree topper	ø	Reference
cimier star7	0,80m	CIME7
cimier bella	1,00m	CIME2
cimier mia	1,00m	CIME6
cimier aiguille	1,00m	CIME4

Base	Reference
Nordika base 5m (GX081LW-2)	SOCLGX81
Nordika base 8m (GX082LW)	SOCLGX82
Nordika base 12m (GX083LW)	SOCLGX83







Description	Height	$\varnothing$	P(W)	Weight	Parts number	●
Conical fir tree 3m	3,00 m	1,18 m	24 W	49 kg	3	SV301
Conical fir tree 5m	5,00 m	1,80 m	60 W	241 kg	6	SV501
Conical fir tree 10m	10,00 m	3,43 m	248 W	985 kg	23	SV1001
Conical fir tree 14m	14,36 m	5,80 m	640 W	2371 kg	49	SV1401
Conical "crossing" fir tree 8m	8,00 m	2,78 m	200 W	585 kg	17	SV801-P
Conical "crossing" fir tree 12m	12,00 m	4,08 m	440 W	1174 kg	33	SV1201-P

Decorative baubles not included - Decorating suggestion - Our decorative baubles kits are presented p116.



N



## PlayColors

### Change the colour of the illuminations !

Play Colors is a smartphone application that allows the public to control, during a game session, the colour and animation of the Christmas tree in their town or shopping centre.

Changing the colour of the garlands in one click, throwing comets of light with your fingertips, and setting the rhythm of the light like a heartbeat by tapping the screen of your smartphone are just some of the games available on this application.

The selfie mode allows the user to immortalise the experience in front of the lighting site and share it on social networks, thus inviting friends to come and try the experience live.

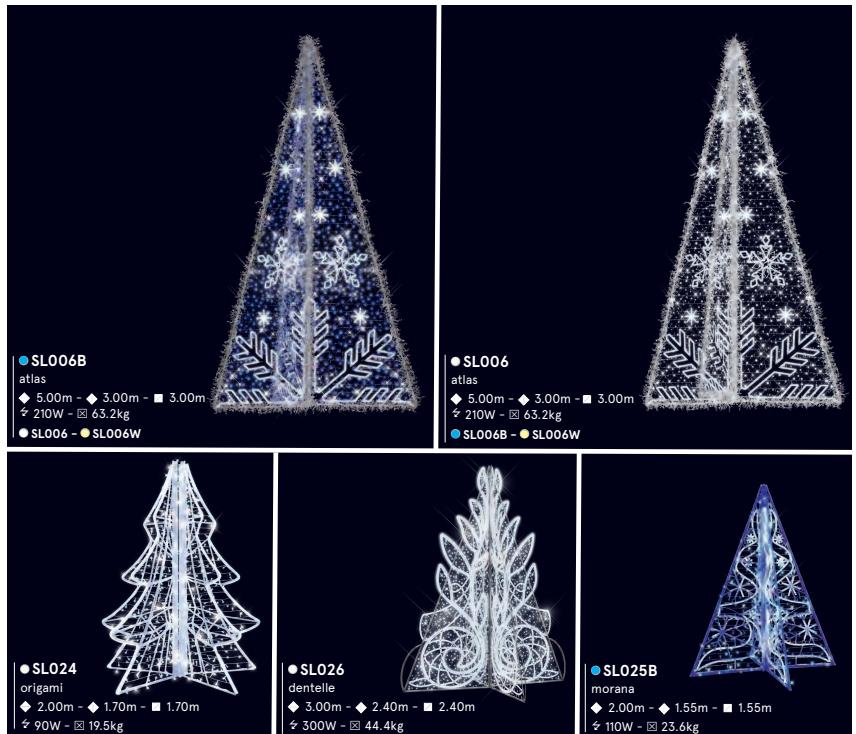


Detailed technical information p276 to 284

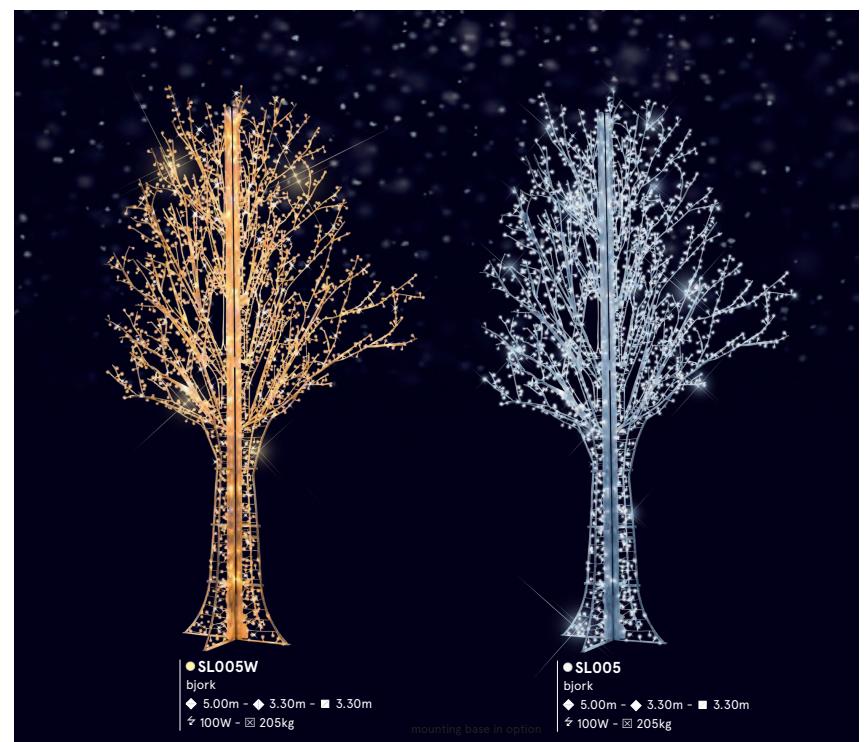
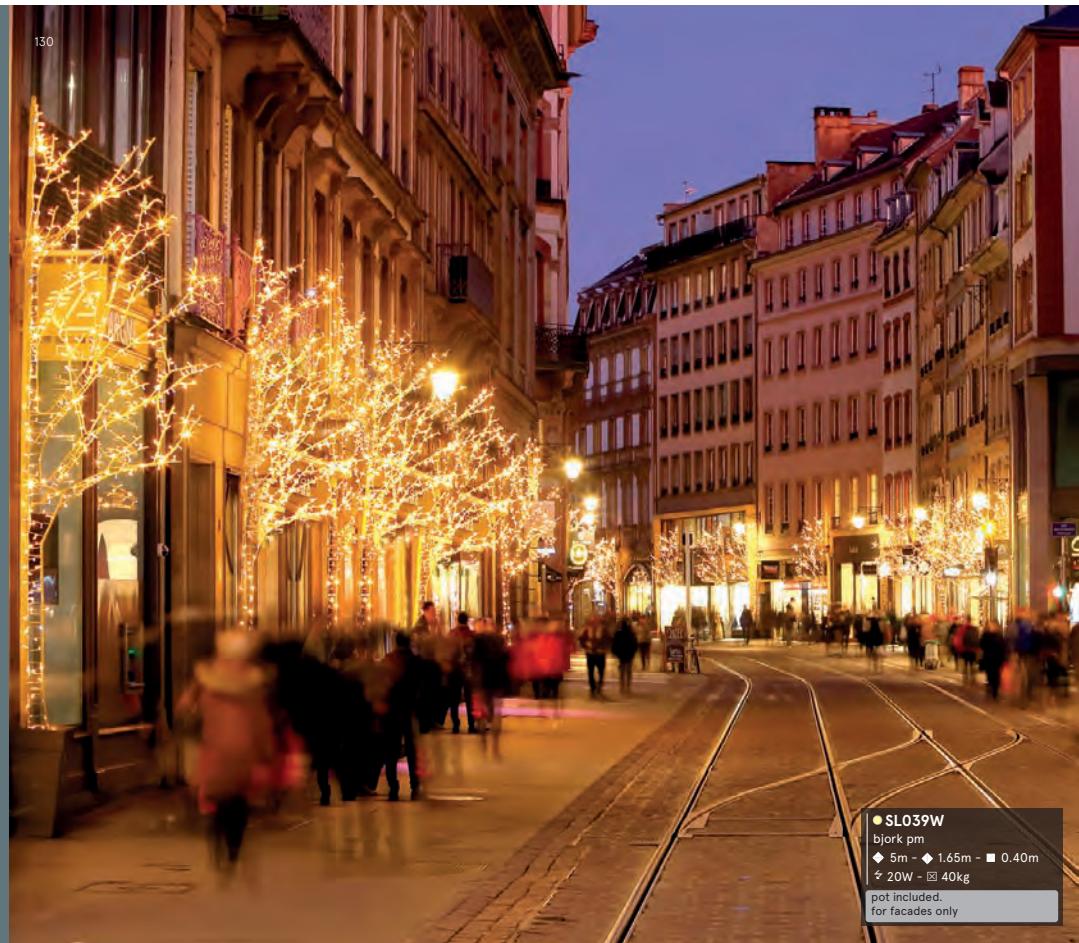


Detailed technical information p276 to 284

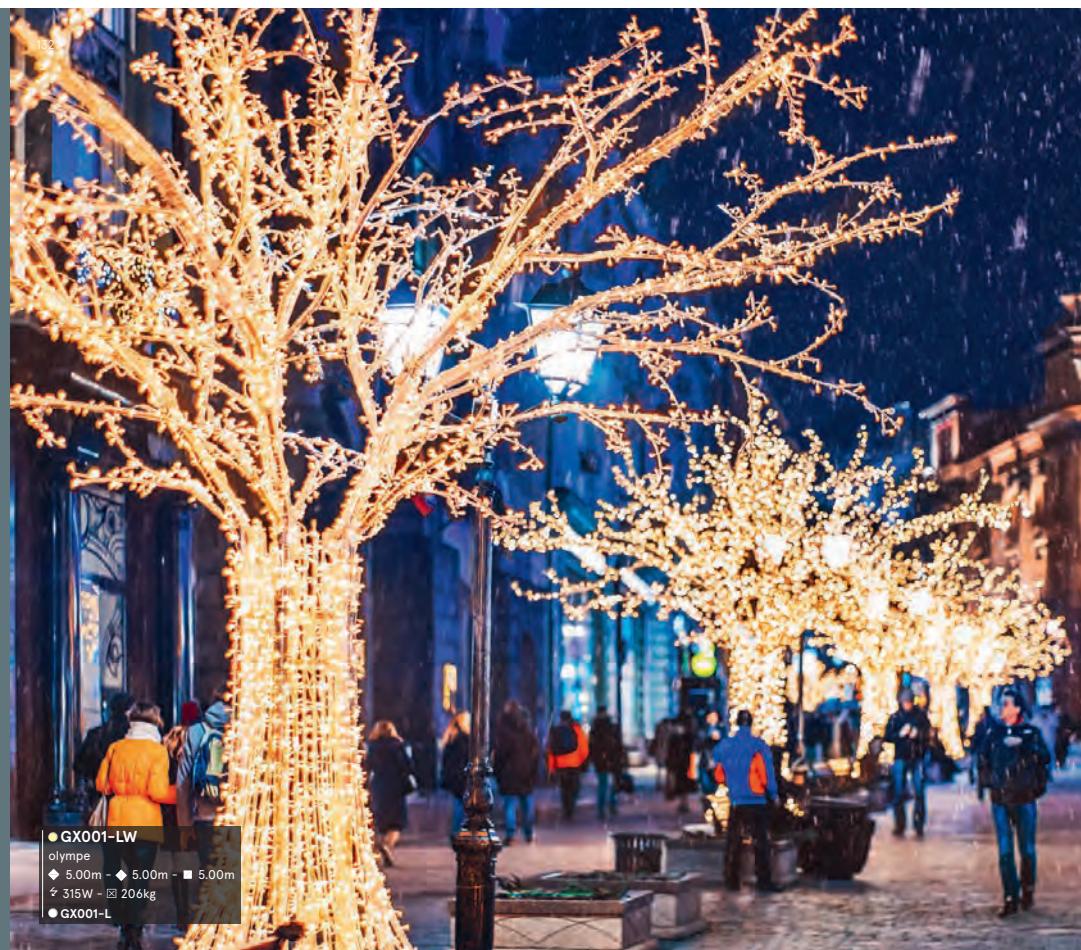
## Recyprint range



Detailed technical information p276 to 284

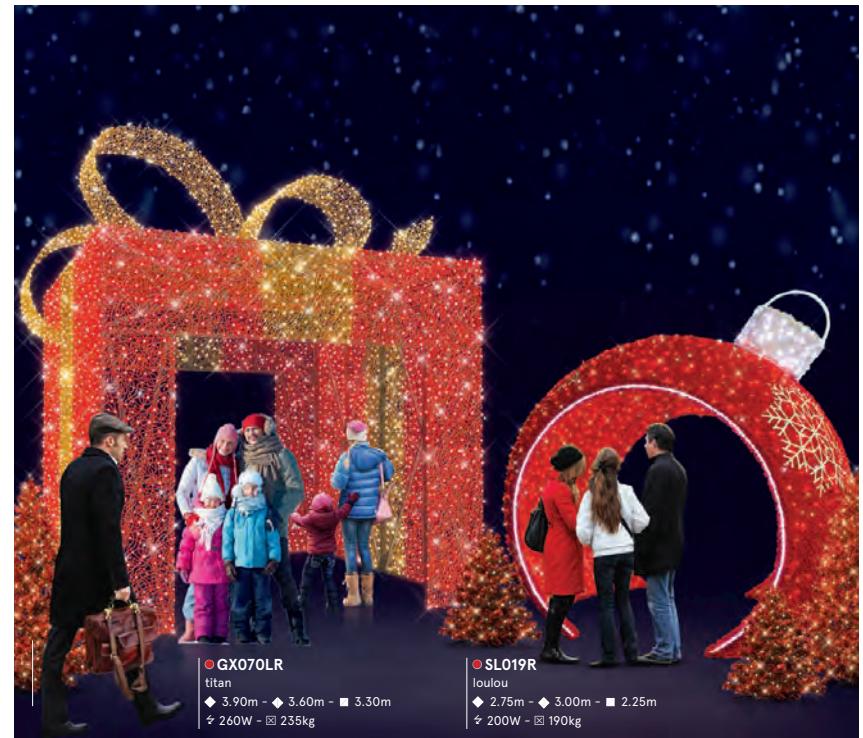


Detailed technical information p276 to 284

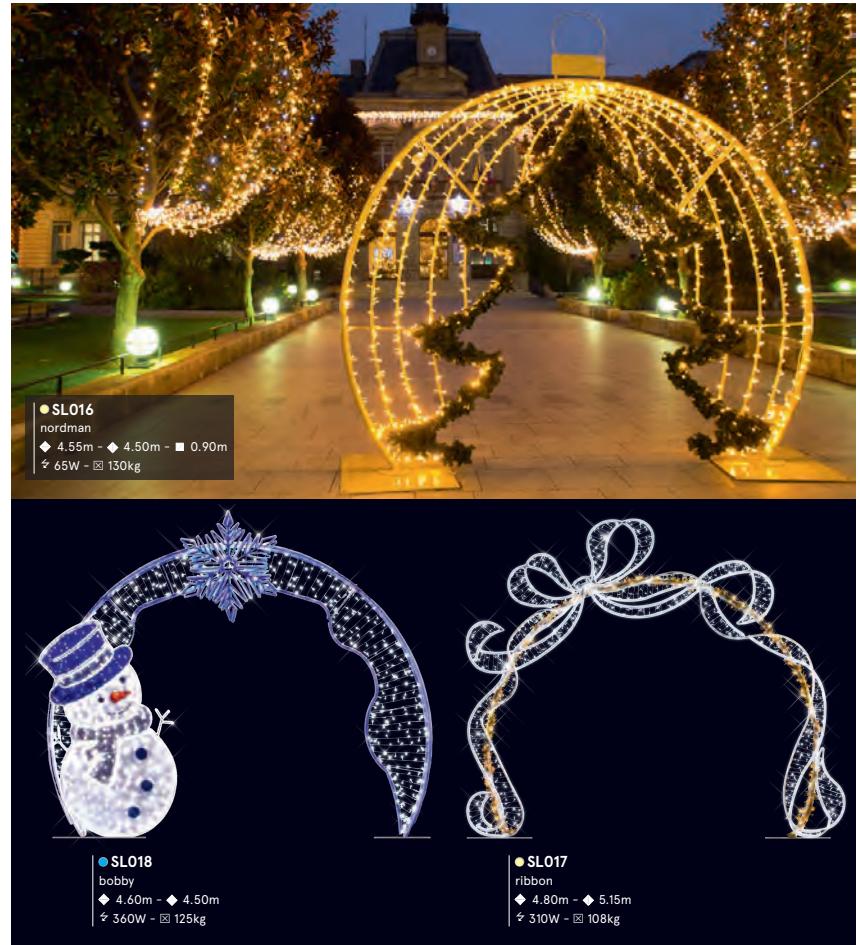


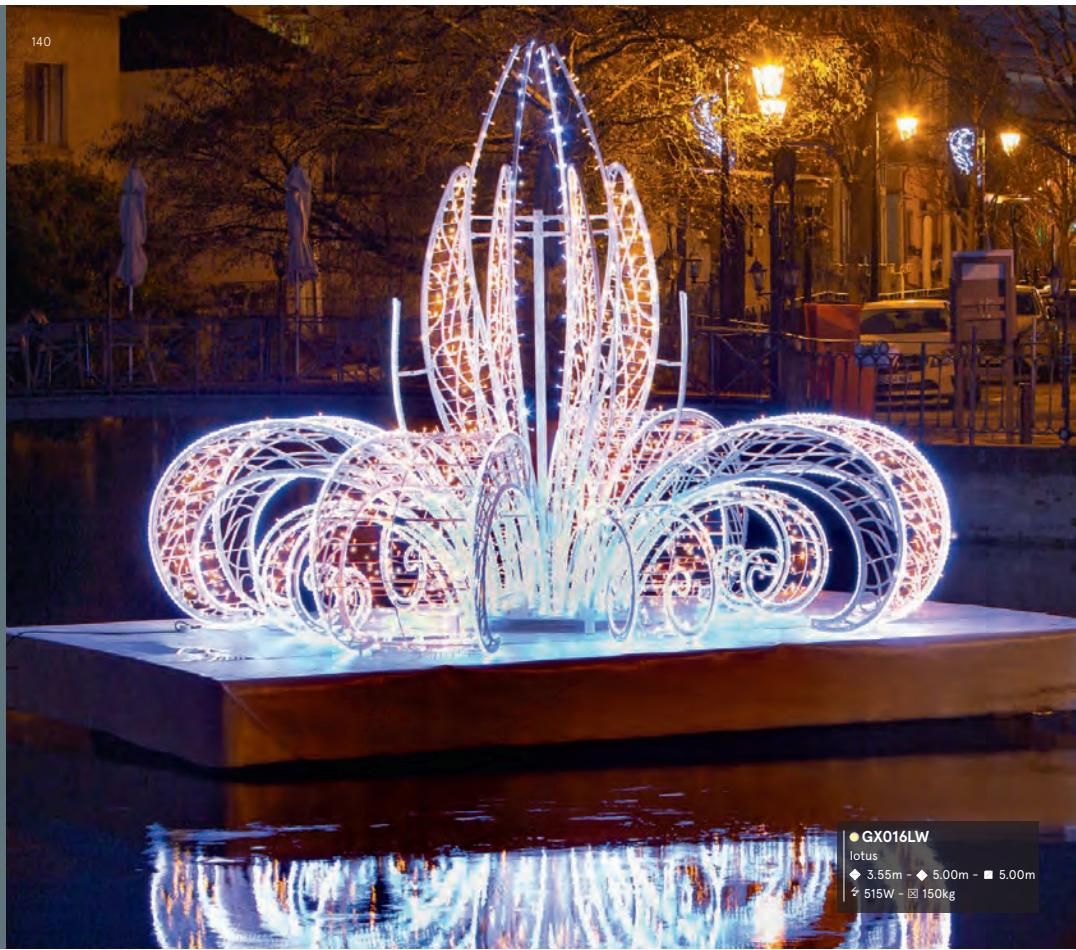


Detailed technical information p276 to 284



Detailed technical information p276 to 284





## Recyprint range

TREES, FOUNTAINS &amp; ARCHES - 141



Detailed technical information p277 to 284



● SL037W  
big star  
◆ 2.90m - ◆ 1.10m - ■ 1.00m  
⚡ 20W - ☀ 24kg

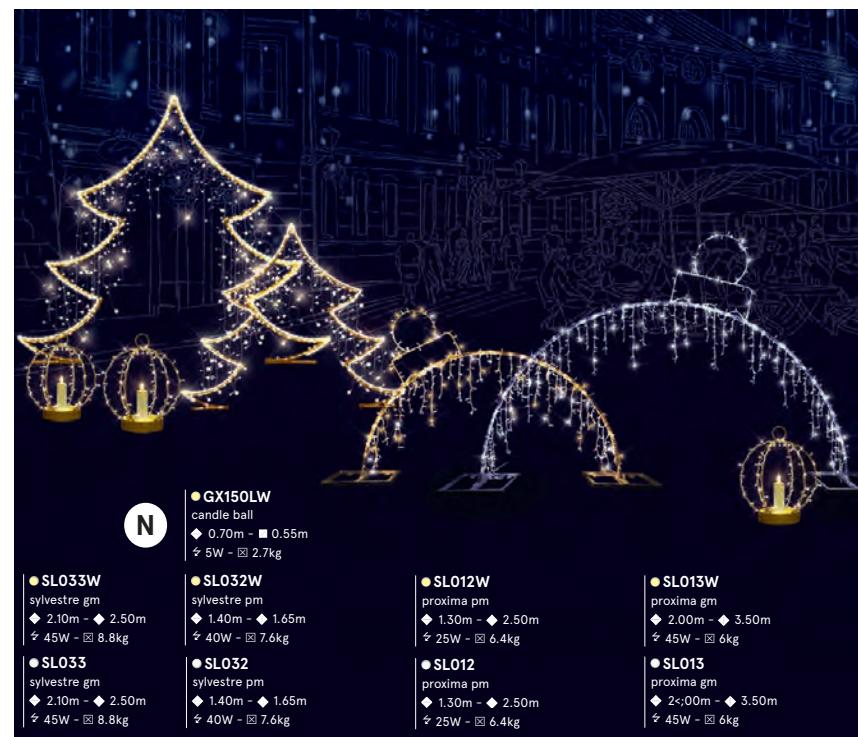
● GX085LW  
carrousel  
◆ 3.00m - ◆ 2.40m - ■ 2.40m  
⚡ 245W - ☀ 82.8kg

● GX327LW  
boule xmas  
◆ 1.10m - ◆ 1.00m - ■ 1.00m  
⚡ 25W - ☀ 6.6kg

● GX327L

● SL036W  
big pep's  
◆ 2.90m - ◆ 0.90m - ■ 1.00m  
⚡ 21W - ☀ 32kg

● SL036



● GX150LW  
candle ball  
◆ 0.70m - ■ 0.55m  
⚡ 5W - ☀ 2.7kg

● SL033W  
sylvestre gm  
◆ 2.10m - ◆ 2.50m  
⚡ 45W - ☀ 8.8kg

● SL033  
sylvestre gm  
◆ 2.10m - ◆ 2.50m  
⚡ 45W - ☀ 8.8kg

N

● SL032W  
sylvestre pm  
◆ 1.40m - ◆ 1.65m  
⚡ 40W - ☀ 7.6kg

● SL032  
sylvestre pm  
◆ 1.40m - ◆ 1.65m  
⚡ 40W - ☀ 7.6kg

● SL012W  
proxima pm  
◆ 1.30m - ◆ 2.50m  
⚡ 25W - ☀ 6.4kg

● SL012  
proxima pm  
◆ 1.30m - ◆ 2.50m  
⚡ 40W - ☀ 6.4kg

● SL013W  
proxima gm  
◆ 2.00m - ◆ 3.50m  
⚡ 45W - ☀ 6kg

● SL013  
proxima gm  
◆ 2.00m - ◆ 3.50m  
⚡ 45W - ☀ 6kg

Detailed technical information p276 to 284



## 2D letters with spotlights

To install anywhere and any season

The name of your city and a hashtag ? A welcome message with a heart ? Create your luminous word and personalise your message with our Bioprint decorations. These giant letters will be perfect selfie spots to increase your visibility on social networks.

You can choose the size and colour of the letters, please contact our sales department.



## Bioprint & Recyprint bi-season range

This new range of evolving urban furniture is composed of a luminous archway and a shade house equipped with spotlights and USB plugs changing over the seasons and according to the chosen classic decoration kit.  
Le kit été est composé de décos non lumineuses et le kit Noël est composé de décos lumineuses et non lumineuses, qui se raccordent aux bases.

The kits can be assembled in our workshops (tell us during your order) or at home in complete autonomy.

For instance:  
Arch Base + Christmas Arch Kit for a frosted look for the year-end celebrations  
Or Shade House Base + Summer Arch Kit for a multicoloured summer look



**○ SL134**  
arch base with light garlands  
◆ 3,45m - ■ 5,00m  
⌚ 38W - ⚡ 257kg

**KIT2-134**  
summer arch kit  
● 37  
passive decorations

**GX242L**  
tree base with spotlights  
◆ 3,00m - ■ 3,60m  
⌚ 104W - ⚡ 70kg

**KIT2-242**  
summer tree kit  
● 32  
passive decorations



**○ GX242L**  
tree base with spotlights  
◆ 3,00m - ■ 3,60m  
⌚ 104W - ⚡ 70kg

**KIT1-242**  
Christmas tree kit  
● 27  
light and passive decorations

**○ SL134**  
arch base with light garlands  
◆ 3,45m - ■ 5,00m  
⌚ 38W - ⚡ 257kg

**KIT1-134**  
Christmas arch kit  
● 39  
light and passive decorations

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## 3 Decorations

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## 4 Indoor

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276 – 288

## Keys - Garlands

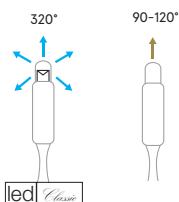
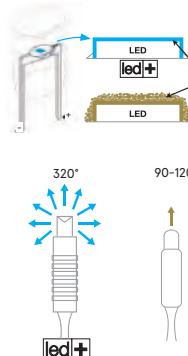
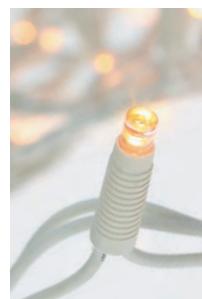
	Height		White cable
	Length		Black cable
	Width		Green cable
P(W)	Wattage		Silver cable
	Number of strings		Brown cable
	Number of garlands that can be connected end-to-end		Transparent cable
	Voltage		Pure white Led flash
	Weight		Warm white Led flash

	Pure white Led		Indoor/outdoor use
	Warm white Led		Type of cable
	Blue Led		Supply voltage
	Red Led		Protection rating
	Amber Led		Power supply included
	Pink Led		Shock resistance index
	Green Led		Octoplus by blachere® 230V exclusive range
	Multicoloured Led		Octoplus by blachere® 24V exclusive range

# Garlands

---

## Blachere LEDs



By considering practical use in their innovative designs, our R&D department has devised the all-new LED+ in both static and slowflash editions to make your projects come alive! Our new and exclusive LED range is the outcome of a long-term collaboration with Nichia®, the world leader in LEDs. The range is:

+ bright, + robust, + long span, + consistent in terms of color

The new technical features of LED+:

► Design is optimized and registered

to promote the luminous efficiency of our product (inverted cone principle).

► Thermal dissipation is maximized

for longer LED life

► Uniform phosphorus deposition

for a uniform lighting effect.

► 2 years guarantee

► Optimum protection index: IP66 / IP69

► Octoplus 230V Connection System by Blachere IP67

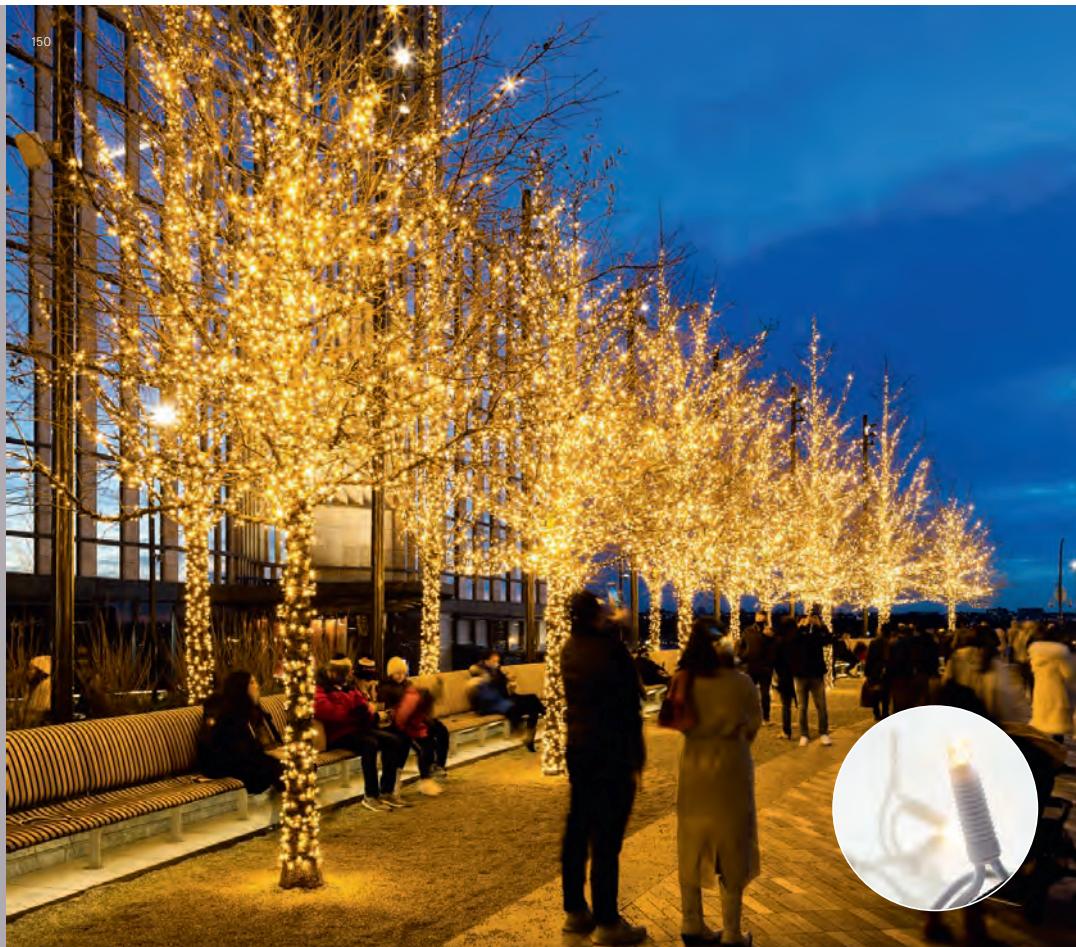
### Our standard LED model!

Bright and stable (lifespan and colour), our Classic LEDs has also inverted cones (homogeneous light diffusion).

Its production is closely followed to make sure the quality is optimal and competitive on the market.

230V model: IP66

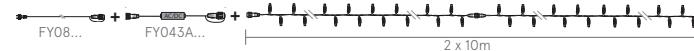
24V model: IP55



## Sparklight® Led+ garlands with slowflash



requires 230V power supply cable L: 1,50m FY08+ type...  
and bridge rectifier FY043+ type... see page 264



◆	LED	SLOWFLASH	P (W)	●	□	■
20,00 m	108 ○	52 ○	11,5	100m	FL590BF+	FL590F+
20,00 m	108 ○	52 ○	11,5	100m	FL590WBF+	FL590WF+
20,00 m	108 ○	52 ○	11,5	100m	FL590BLF+	
20,00 m	108 ○	52 ○	11,5	100m		FL590RF+
1,50m	230V power supply cable		690W max - see p264		FY08-B+	FY08+
0,30m	bridge rectifier		690W max - see p264		FY043A-B+	FY043A+
0,20m	bridge rectifier		230W max - see p264		FY041A-B+	FY041A+

### product info

#### Blachere exclusive

- Registered design
- High brightness
- Shock resistant IK06
- Long lifespan
- Stable colour
- IP 66/69 protection rating.
- Maximum rating allowed for a 230V product
- Flexible connectivity thanks to the extensive Octoplus 230V by Blachere range (see p264 to 265).

### 2 YEARS GUARANTEE

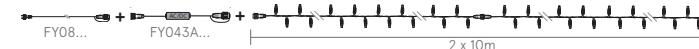
conditions : contact us



## Sparklight® Led+ garlands static



requires 230V power supply cable L: 1,50m FY08+ type...  
and bridge rectifier FY043+ type... see page 264



### product info

#### Blachere exclusive

- Registered design
- High brightness
- Shock resistant IK06
- Long lifespan
- Stable colour
- IP 66/69 protection rating.
- Maximum rating allowed for a 230V product
- Flexible connectivity thanks to the extensive Octoplus 230V by Blachere range (see p.264 to 265).

### 2 YEARS GUARANTEE

conditions : contact us

◆	LED	P (W)	□	□	■
20,00 m	160 ○	11,5	100m	FL590-B+	FL590+
20,00 m	160 ○	11,5	100m	FL590W-B+	FL590W+
20,00 m	160 ○	11,5	100m	FL590BL+	
20,00 m	160 ○	11,5	100m		FL590R+
1,50m	230V power supply cable	690W max - see p264		FY08-B+	FY08+
0,30m	bridge rectifier	690W max - see p264		FY043A-B+	FY043A+
0,20m	bridge rectifier	230W max - see p264		FY041A-B+	FY041A+

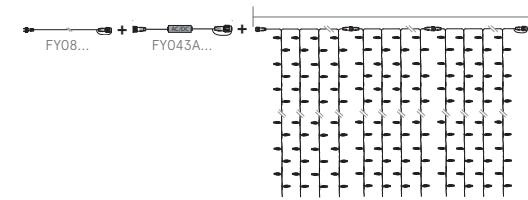


## Joylight® Led+ curtains with slowflash



requires 230V power supply cable L: 1,50m FY08+ type...  
and bridge rectifier FY043+ type... see page 264

2,00 m



◆	◆	LED	SLOWFLASH	P (W)	■	□	■
1,50 m	2,00 m	150 ○	60 ○	17	15	27	FL74BF+
1,50 m	2,00 m	150 ○	60 ○	17	15	27	FL74WF+
3,00 m	2,00 m	240 ○	120 ○	25	15	18	FL70BF+
3,00 m	2,00 m	240 ○	120 ○	25	15	18	FL70WF+
5,00 m	2,00 m	360 ○	180 ○	65	15	9	FL75BF+
5,00 m	2,00 m	360 ○	180 ○	65	15	9	FL75WF+
7,00 m	2,00 m	510 ○	240 ○	70	15	9	FL72BF+
7,00 m	2,00 m	510 ○	240 ○	70	15	9	FL72WF+
10,00 m	2,00 m	690 ○	360 ○	80	15	8	FL79BF+
10,00 m	2,00 m	690 ○	360 ○	80	15	8	FL79WF+
1,50m			230V power supply cable	690W max - see p264		FY08-B+	FY08+
0,30m			bridge rectifier	690W max - see p264		FY043A-B+	FY043A+
0,20m				230W max - see p264		FY041A-B+	FY041A+

### product info

#### Blachere exclusive

- Registered design
- High brightness
- Shock resistant IK06
- Long lifespan
- Stable colour
- IP 66/69 protection rating. Maximum rating allowed for a 230V product.
- Flexible connectivity thanks to the extensive Octoplus 230V by Blachere range (see p.264 to 265).

### 2 YEARS GUARANTEE

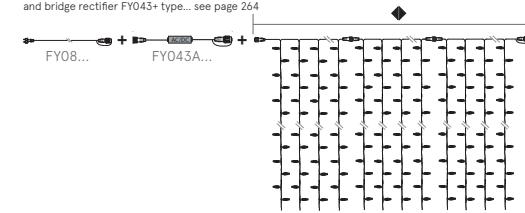
conditions : contact us



## Joylight® Led+ curtains static



requires 230V power supply cable L: 1,50m FY08+ type...  
and bridge rectifier FY043+ type... see page 264



◆	◆	LED	P (W)	■	■	□	■
1,50 m	2,00 m	210 ○	20	15	25	FL74-B+	FL74+
1,50 m	2,00 m	210 ○	20	15	25	FL74W-B+	FL74W+
3,00 m	2,00 m	360 ○	30	15	16	FL70-B+	FL70+
3,00 m	2,00 m	360 ○	30	15	16	FL70W-B+	FL70W+
5,00 m	2,00 m	540 ○	67	15	9	FL75-B+	FL75+
5,00 m	2,00 m	540 ○	67	15	9	FL75W-B+	FL75W+
7,00 m	2,00 m	750 ○	69	15	9	FL72-B+	FL72+
7,00 m	2,00 m	750 ○	69	15	9	FL72W-B+	FL72W+
10,00 m	2,00 m	1050 ○	77	15	9	FL79-B+	FL79+
10,00 m	2,00 m	1050 ○	77	15	9	FL79W-B+	FL79W+
1,50m		230V power supply cable	690W max - see p264			FY08-B+	FY08+
0,30m		bridge rectifier	690W max - see p264			FY043A-B+	FY043A+
0,20m		bridge rectifier	230W max - see p264			FY041A-B+	FY041A+

### product info

#### Blachere exclusive

- Registered design
- High brightness
- Shock resistant IK06
- Long lifespan
- Stable colour
- IP 66/69 protection rating.
- Maximum rating allowed for a 230V product
- Flexible connectivity thanks to the extensive Octoplus 230V by Blachere range (see p.264 to 265).

### 2 YEARS GUARANTEE

conditions : contact us



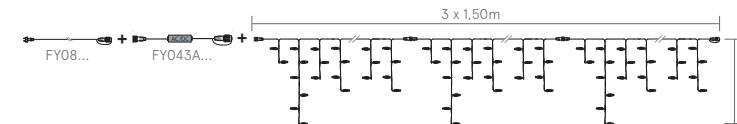
158

led+ - 159

## Stalactitlight® Led+ with slowflash or static



requires 230V power supply cable L: 1,50m FY08+ type...  
and bridge rectifier FY043+ type... see page 264



### ► with slowflash

◆	◆	LED	SLOWFLASH	P (W)	■	□	□
0,80 m	4,50 m	120 ⓒ	60 ⓒ	16	48	20	FL390BF+
0,80 m	4,50 m	120 ⓐ	60 ⓐ	16	48	20	FL390WBF+
1,50m	230V power supply cable			690W max - see p264			FY08-B+
0,30m	bridge rectifier			690W max - see p264			FY043A-B+

### ► static

◆	◆	LED	P (W)	■	□	□
0,80 m	4,50 m	120 ⓒ	16	48	20	FL390-B+
0,80 m	4,50 m	120 ⓐ	16	48	20	FL390W-B+
1,50m	230V power supply cable		690W max - see p264			FY08-B+
0,30m	bridge rectifier		690W max - see p264			FY043A-B+

### product info

#### Blachere exclusive

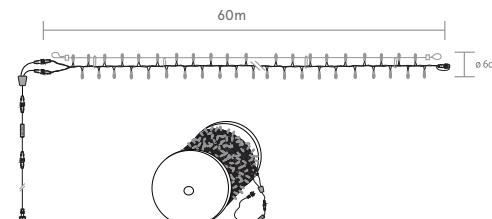
- Registered design
- High brightness
- Shock resistant IK06
- Long lifespan
- Stable colour
- IP 66/69 protection rating. Maximum rating allowed for a 230V product
- Flexible connectivity thanks to the extensive Octoplus 230V by Blachere range (see p.264 to 265).

### 2 YEARS GUARANTEE

conditions : contact us



## LED+ Braided Garlands with flash NEW



### product info

Garlands with high light density, packed in rolls and with a long length. Mounted on galvanised steel rope with snap hooks.

- Blachere exclusive**
- Registered design
  - High brightness
  - Shock resistant IK06
  - Long lifespan
  - IP 66/69 protection rating. Maximum rating allowed for a 230V product
  - Sold with power supply and bridge rectifier.
  - Flexible connectivity thanks to the extensive Octoplus 230V by Blachere range (see p.264 to 265).

### 2 YEARS GUARANTEE

conditions : contact us

#### ► with flash

◆	Ø	LED	FLASH	P (W)		□
60,00 m	6cm	648	312	69	2	TSL60+
60,00 m	6cm	648	312	69	2	TSL60W+

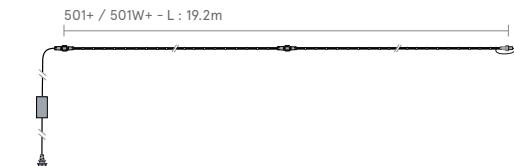
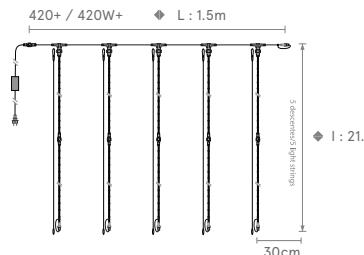
Product delivered with power supply kit + rectifier.



# Micro light + PRO Range

**Garlands & Luminous ceilings**

NEW



## ► Micro light + PRO garlands

◆	LED	P (W)	☒	■
19,20 m	192 ⓠ	12	2	501+
19,20 m	192 ⓡ	12	2	501W+

## ► Micro light + PRO luminous ceilings

◆	◆	LED	P (W)	☒	■	☒
1,50 m	21,60 m	720 ⓠ	36	2	5	420+
1,50 m	21,60 m	720 ⓡ	36	2	5	420W+

## product info

This new Micro light + PRO range has been designed to be more powerful and brighter, while remaining low consumption and with a homogeneous wide angle light distribution.

Garland or ceiling, pure white or warm white, choose what correspond to your needs.

Power supply with connection plug included.  
Micro light + PRO ceiling mounted on steel wire.

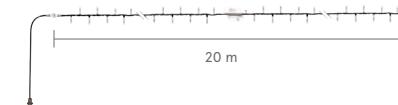


## Sparklight® garlands with flash or static



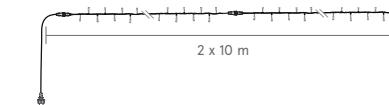
### ► 100% flash

◆	LED	P (W)	USB	□	■
20,00 m	80 ○	5	100m		510-FX



### ► with flash

◆	LED	FLASH	P (W)	USB	□	■
20,00 m	90 ○	30 ○	8	100m		512-FX
20,00 m	90 ○	30 ○	8	100m		512W-FX
20,00 m	150 ○	50 ○	15,5	100m	511B-FX	511-FX
20,00 m	150 ○	50 ○	15,5	100m	510BW-FX	510W-FX
20,00 m	150 ○	50 ○	15,5	100m		510B-FX
20,00 m	150 ○	50 ○	15,5	100m		510R-FX
20,00 m	150 ○	50 ○	15,5	100m		510P-FX



### ► static

◆	LED	P (W)	USB	□	■
20,00 m	200 ○	15	100m	508-B	508
20,00 m	200 ○	15	100m	508W-B	508W
20,00 m	200 ○	15	100m		508B
20,00 m	120 ○	8	100m		512C
20,00 m	120 ○	8	100m		512CW

### product info

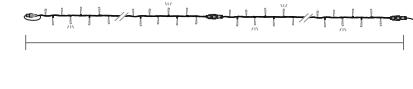
Proven reliability.  
Power supply with connecting socket included.  
Wide range of Octoplus 230V by Blachere accessories available.

High flash concentration on FX models.  
Increased waterproofing thanks to optimum protection rating.



## Sparklight® 24V garlands with flash or static

with PVC cable



► with flash

◆	LED	FLASH	P (W)		
20.00 m	168 ⚪	28 ⚪	5	5	FL502-FX
20.00 m	168 ⚪	28 ⚪	5	5	FL502W-FX
20.00 m	168 ⚪	28 ⚪	5	5	FL502B-FX
20.00 m	168 ⚪	28 ⚪	5	5	FL502R-FX

► static

◆	LED	P (W)		
20.00 m	196 ⚪	5	5	501W

with rubber cable



► static

◆	LED	P (W)		
20.00 m	196 ⚪	6,2	4	501CW

switch-mode power supply 24V dc 25W - sold separately

### product info

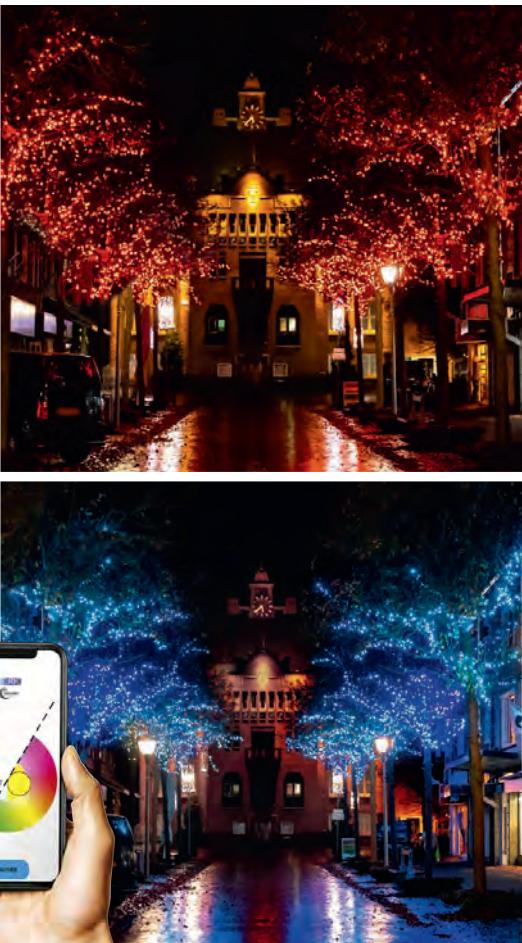
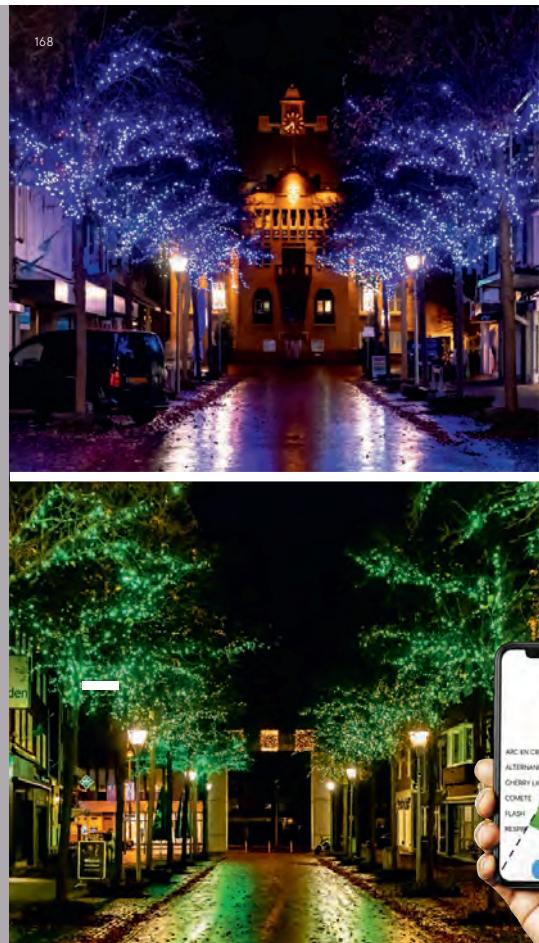
Very low voltage ideal for safe installations within the reach of the public.

High protection rating to withstand dirt and moisture.

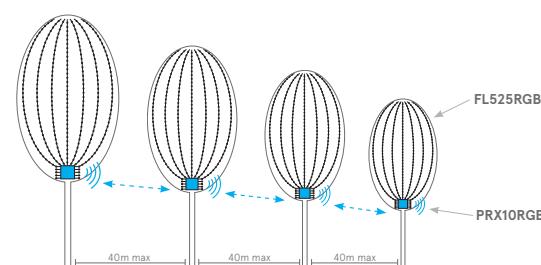
Long lengths made possible by connecting several garlands using one transformer.

Ref 501CW: more durable rubber cable, ideal for permanent use.

Wide range of Octoplus 24V by Blachere accessories available (see p.266).



## RGB controllable garland Caméléon system



	LED	P (W)		
3,75 m	25 RGB	7,5	2	FL525RGB
Caméléon Control box	No of outputs	No of pixels	P (W)	input voltage
	10	10 x 50 = 500	150	230V
				5V
				PRX10RGB

### product info

Customize the colour and animation of your trees,

According to month, week or for a particular event, at any time of year.  
For a tree of 8 to 10m :  
-20 x FL525RGB strings for 10 runs of 7m (2 x 3,50),  
-one PRX10RGB box  
-the Caméléon application on your smartphone.

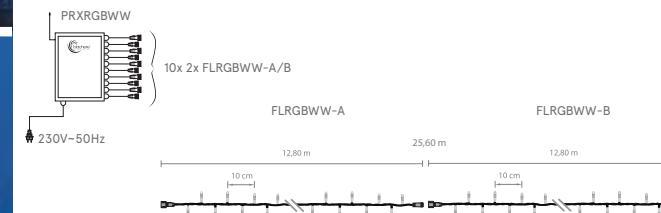
Maximum colour range thanks to RGB LED technology.

Thanks to the Orchestra system (see p.254 to 258), create lighting scenarios and check how your illuminations are working in real time.



## RGBWW Garland

NEW



### product info

This new RGBWW garland will help you customize the operating periods, the colours and the animations of your trees. Its technology allows you to choose between a large range of intense colours – warm white, purple or softer and pastel colours.

ADRESSING	◆	LED	P (W)	<input type="checkbox"/>
1-128	12,80 m	RGBWW	10	FLRGBWW-A
129-256	12,80 m	RGBWW	10	FLRGBWW-B

Caméléon control box with 10 outputs compatible with RGBWW Blachere



## Joylight® curtains with flash or static

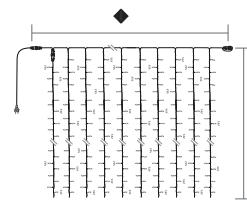


### ► with flash

◆	◆	LED	FLASH	P (W)	m	mm	□
0,80 m	2,00 m	140 ⚡	28 ⚡	14	14	30	21CBFX
0,80 m	2,00 m	140 ⚡	28 ⚡	14	14	30	21CWBFX
1,50 m	2,00 m	210 ⚡	30 ⚡	15	15	25	24CBFX
1,50 m	2,00 m	210 ⚡	30 ⚡	15	15	25	24CWBFX
1,50 m	2,00 m	210 ⚡	30 ⚡	15	15	25	24CRFX
1,50 m	2,00 m	210 ⚡	30 ⚡	15	15	25	24CBLFX
3,00 m	2,00 m	420 ⚡	56 ⚡	33	14	16	20CBFX
3,00 m	2,00 m	420 ⚡	56 ⚡	33	14	16	20CWBFX
3,00 m	2,00 m	420 ⚡	56 ⚡	33	14	16	20CRFX
3,00 m	2,00 m	420 ⚡	56 ⚡	33	14	16	20CBLFX
5,00 m	2,00 m	900 ⚡	90 ⚡	55	15	12	25CBFX
5,00 m	2,00 m	900 ⚡	90 ⚡	55	15	12	25CWBFX
5,00 m	2,00 m	900 ⚡	90 ⚡	55	15	12	25CRFX
5,00 m	2,00 m	900 ⚡	90 ⚡	55	15	12	25CBLFX
7,00 m	2,00 m	1200 ⚡	120 ⚡	80	15	8	22CBFX
7,00 m	2,00 m	1200 ⚡	120 ⚡	80	15	8	22CWBFX
10,00 m	2,00 m	1350 ⚡	135 ⚡	84	15	8	29CBFX
10,00 m	2,00 m	1350 ⚡	135 ⚡	84	15	8	29CWBFX

### ► static

◆	◆	LED	P (W)	m	mm	□
1,50 m	2,00 m	342 ⚡	30	18	20	24C-B
1,50 m	2,00 m	342 ⚡	30	18	20	24CW-B
3,00 m	2,00 m	540 ⚡	35	18	15	20C-B
3,00 m	2,00 m	540 ⚡	35	18	15	20CW-B
5,00 m	2,00 m	900 ⚡	65	18	9	25C-B
5,00 m	2,00 m	900 ⚡	65	18	9	25CW-B
7,00 m	2,00 m	1080 ⚡	72	18	9	22C-B
7,00 m	2,00 m	1080 ⚡	72	18	9	22CW-B
10,00 m	2,00 m	1350 ⚡	58	18	10	29C-B
10,00 m	2,00 m	1350 ⚡	58	18	10	29CW-B



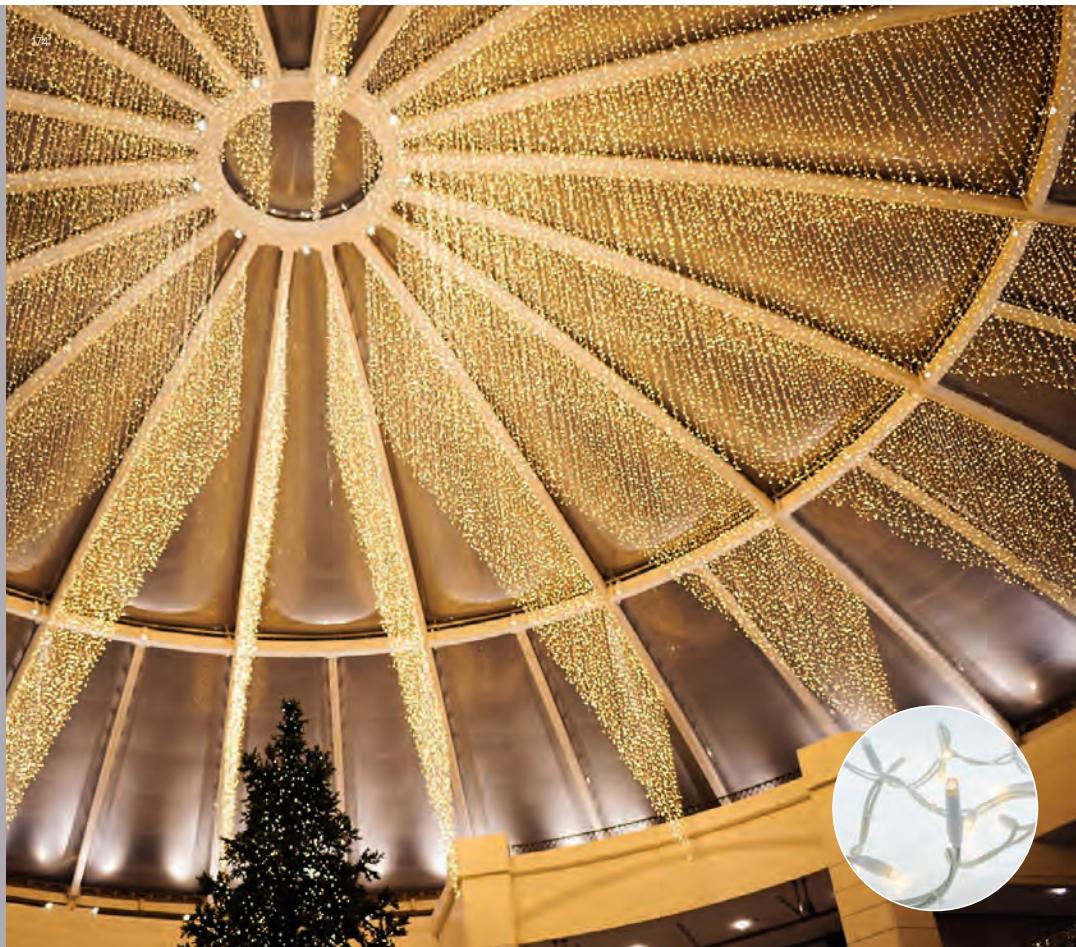
### product info

Ideal for decorating facades, trees or for cross-street motifs.

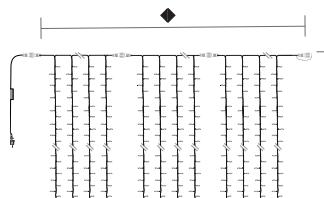
Up to 30 curtains on the same power supply.

Compatible with the entire range

Connection options with the Octoplus 230V by Blachere® accessories p264 to 265.



## ECO Led curtains static



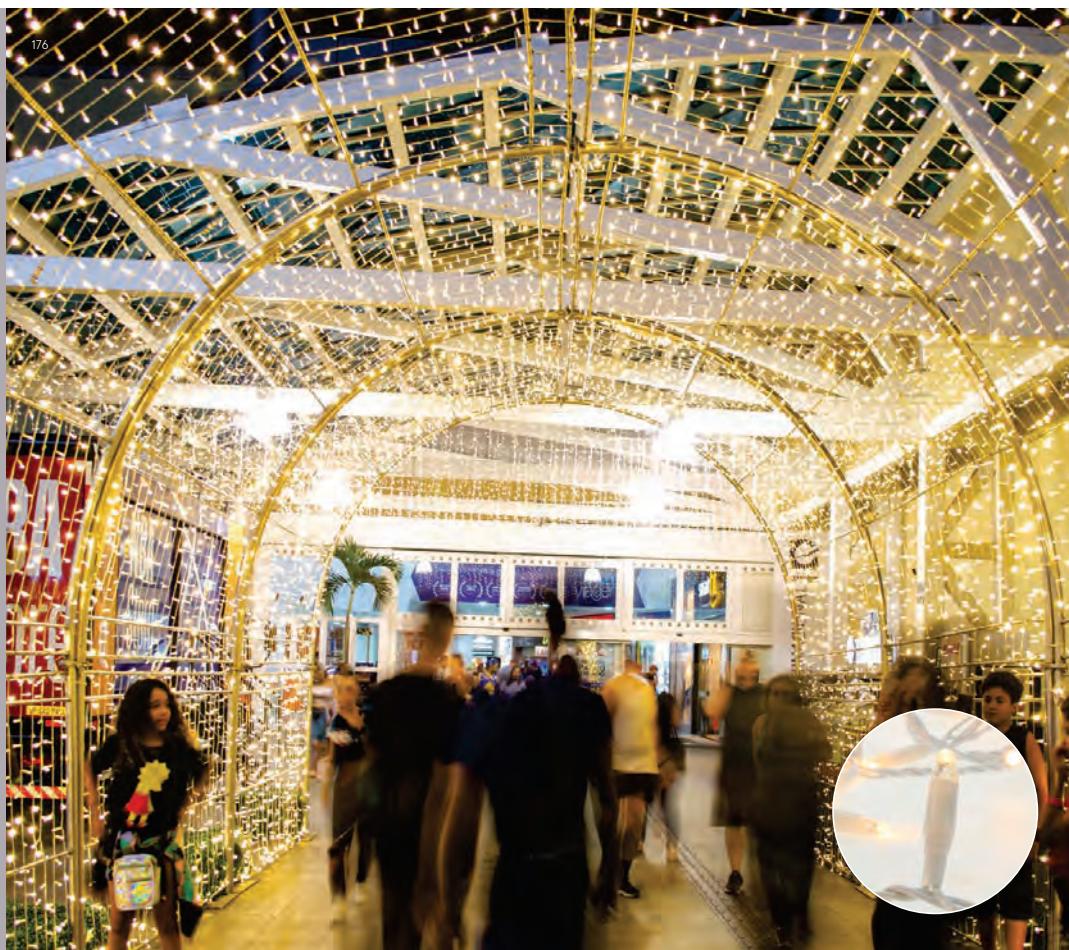
◆	◆	LED	P (W)	■	■	□	
1,50 m	2,00 m	210 ○	15	15	20	ECOX24-B	
1,50 m	2,00 m	210 ○	15	15	20	ECOX24W-B	
3,00 m	2,00 m	360 ○	20	15	15	ECOX20-B	
3,00 m	2,00 m	360 ○	20	15	15	ECOX20W-B	
5,00 m	2,00 m	576 ○	30	16	12	ECOX25-B	
5,00 m	2,00 m	576 ○	30	16	12	ECOX25W-B	
7,00 m	2,00 m	750 ○	50	15	7	ECOX22-B	
7,00 m	2,00 m	750 ○	50	15	7	ECOX22W-B	
10,00 m	2,00 m	1050 ○	55	15	6	ECOX29-B	
10,00 m	2,00 m	1050 ○	55	15	6	ECOX29W-B	

### product info

Unbeatable value for money with proven reliability.

NEW: Octoplus 230V by Blachere connection system

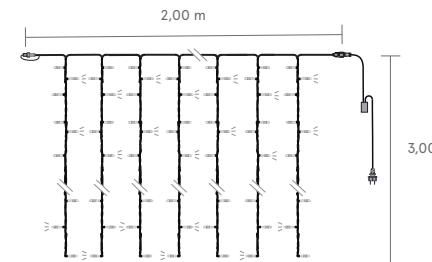
An extensive selection of accessories and connection options with Octoplus® 230V by Blachere® accessories p.264 to 265.



176

led Classic - 177

## Joylight® 24V curtains with flash



### product info

Increased number of flashing LEDs on this range of garlands with

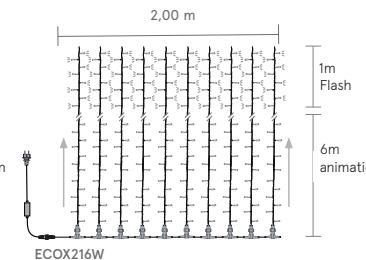
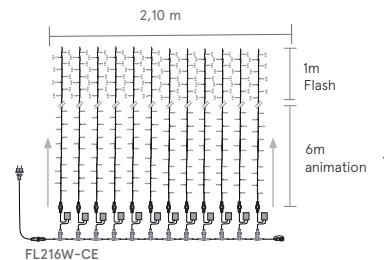
**1 flashing LED of 5**

Ensure the safety of the public with 24V range

◆	◆	LED	FLASH	P (W)	III	■	□
3,00 m	2,00 m	300 ⚪	60 ⚪	12,5	15	2	FL203-FX
3,00 m	2,00 m	300 ⚪	60 ⚪	12,5	15	2	FL203W-FX
3,00 m	2,00 m	300 ⚪	60 ⚪	12,5	15	2	FL203B-FX
3,00 m	2,00 m	300 ⚪	60 ⚪	12,5	15	2	FL203R-FX
3,00 m	2,00 m	300 ⚪	60 ⚪	12,5	15	2	FL203P-FX



## “Scintillance” curtains Champs Élysées



### product info

Recreate the most beautiful avenue in the world wherever you are !

Product and animation developed exclusively for the Champs Élysées now available for all our customers.

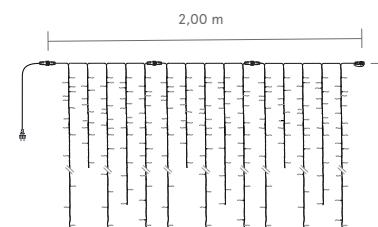
Blachere illumination official supplier of the « Champs Élysées » Committee.

A PRO version that exactly reproduces the effect on the Champs Élysées and an ECO version with a simplified effect.

◆	◆	LED	FLASH	P (W)	¶	¤	□
7,00 m	2,10 m	456 ☺	96 ☺	30	12	10	FL216W-CE
7,00 m	2,00m	420 ☺	80 ☺	55	10	-	ECOX216W



## Joylight® Slowglow curtains



◆	◆	LED Slowglow	P (W)	■	□	□
1,50 m	2,00 m	120 ○	16	15	13	24SG
1,50 m	2,00 m	120 ●	16	15	13	24WSG
3,00 m	2,00 m	180 ○	15	15	12	20SG
3,00 m	2,00 m	180 ●	15	15	12	20WSG
5,00 m	2,00 m	210 ○	17	15	12	25SG
5,00 m	2,00 m	210 ●	17	15	12	25WSG
7,00 m	2,00 m	225 ○	17	15	12	22SG
7,00 m	2,00 m	225 ●	17	15	12	22WSG
10,00 m	2,00 m	270 ○	15	15	13	29SG
10,00 m	2,00 m	270 ●	15	15	13	29WSG

### product info

New animation exclusive to Blachere illumination.

Gentle lighting snowflake effect.

Compatible with the entire range.

Connection options with 230V Octoplus® accessories by Blachere® p.264 to 265.



## Ceilings with flash or static

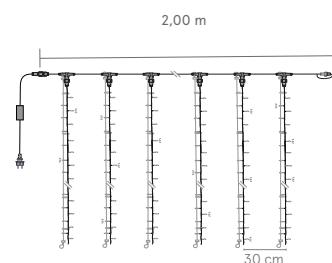


PVC

IP55

incl.

24V



steel micro wire

### ► with flash

◆	◆	LED	FLASH	P (W)	■	■	■
30,00 m	2,00 m	588 ⚪	98 ⚪	30	7	3	414-FX
30,00 m	2,00 m	588 ⚪	98 ⚪	30	7	3	414W-FX

### ► static

◆	◆	LED	P (W)	■	■	■
30,00 m	2,00 m	686 ⚪	30	7	3	414
30,00 m	2,00 m	686 ⚪	30	7	3	414W

### product info

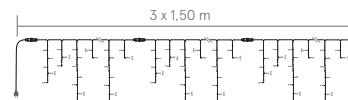
Cover up until 180 sqm with one power supply only:

The 24V/100w transformer for outdoor use supplied with the 414-FX and 414W-FX garlands allows three sets to be connected to a single transformer.

Each string is coupled with a micro steel wire for added strength.



## Stalactitlight® with flash or static



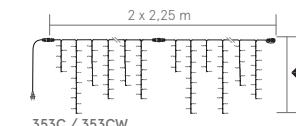
352-FX / 352W-FX / 352R-FX / 352B-FX / 354-FX  
354W-FX / 352 / 352W / 354 / 354W

### ► with flash

◆	◆	LED	FLASH	P (W)	■	□	□
0,57 m	4,50 m	156 ○	48 ○	13	48	15	352-FX
0,57 m	4,50 m	156 ○	48 ○	13	48	15	352W-FX
0,57 m	4,50 m	156 ●	48 ○	13	48	15	352R-FX
0,57 m	4,50 m	156 ○	48 ○	13	48	15	352B-FX
1,00 m	4,50 m	180 ○	60 ○	12	36	15	354-FX
1,00 m	4,50 m	180 ○	60 ○	12	36	15	354W-FX

### ► static

◆	◆	LED	P (W)	■	□
0,57 m	4,50 m	180 ○	12	48	15
0,57 m	4,50 m	180 ○	12	48	15
1,00 m	4,50 m	240 ○	12	36	15
1,00 m	4,50 m	240 ○	12	36	15
1,50 m	4,50 m	320 ○	16	32	15
1,50 m	4,50 m	320 ○	16	32	15



353C / 353CW

### product info

An absolute must since its creation, this product is a best-seller owing to its reliability.

Can be divided into sections for greater adaptability.

Compatible with the entire range.

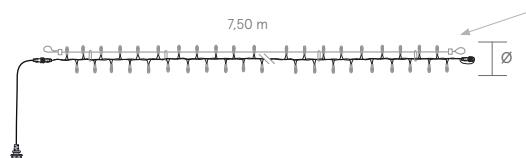
Connection options with 230V Octoplus® accessories by Blachere® p.264 to 265.



## Braid garlands with flash or static



Mounting on Ø3 mm  
sheathed steel cable



micro steel wire

### ► with flash

◆	Ø	LED	FLASH	P (W)		□
7,50 m	12,00 cm	210 ⚪	30 ⚪	13	13	TSL3FX
7,50 m	12,00 cm	210 ⚪	30 ⚪	13	13	TSL3WFX

### product info

Cross-street < Ready-to-fit >.

Strong lighting density.

Supplied on Ø 3mm sheathed steel  
wire rope.

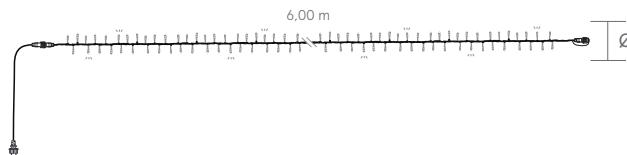
Quick-fit accessories,  
Multi-socket connectors,  
animation kit : p264 to 266

### ► static

◆	Ø	LED	P (W)		□
7,50 m	6,00 cm	240 ⚪	13	13	TSL2
7,50 m	6,00 cm	240 ⚪	13	13	TSL2W



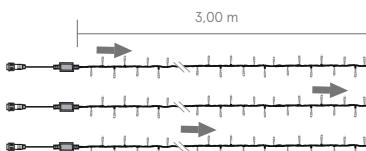
## Nicia® garlands with flash



product info						
Cross-street « Ready-to-fit ».						
Strong lighting density.						
Quick-fit accessories, Multi-socket connectors, animation kit : p264 to 266						
◆	Ø	LED	FLASH	P (W)	✉	□
6,00 m	6,00 cm	432 ⚒	48 ⚒	23	9	558-FX
6,00 m	6,00 cm	432 ⚒	48 ⚒	23	9	558W-FX



## Nicia® garlands X-Led effect



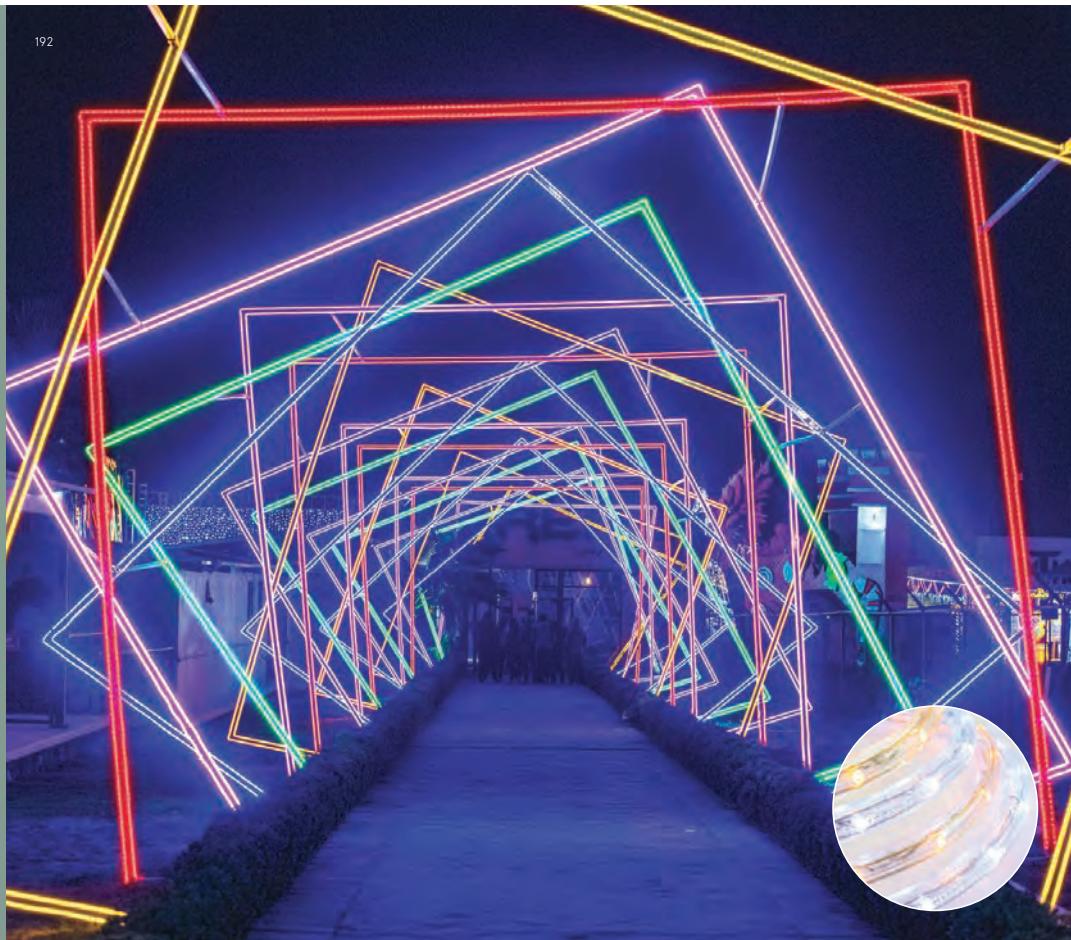
### ► set of 3 garlands

◆	LED	P (W) per unit	■	□
3,00 m	152 ○	9	FXL152	FXL152-B

### product info

The ideal way to top off your illuminations, these 3 garlands can be hung among light curtains or garlands using Octoplus 230V by Blachere accessories (see p 264 to 265).

Can also work independently with FY08+ power supply.



## Fil lumière® (ropelight) Led+ or Platinium



### Fil Lumière® Led+

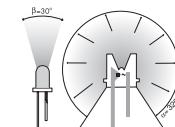
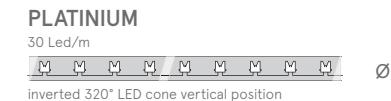
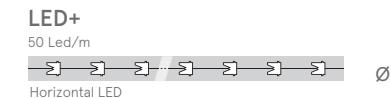
Ø	LED	P (W)/roll	Roll 25m
13 mm	50 Led / m ○	80	NLED51+
13 mm	50 Led / m ○	80	NLED51W+
13 mm	50 Led / m ○	80	NLED52+
13 mm	50 Led / m ○	80	NLED54+
13 mm	50 Led / m ○	75	NLED56+
13 mm	50 Led / m ○	75	NLED57+
13 mm	50 Led / m ○	80	NLED58+

### Fil Lumière® Platinium

Ø	LED	P (W)/m	Roll 50m
12 mm	30 Led / m ○	4	NLEDU51
12 mm	30 Led / m ○	4	NLEDU51W
12 mm	30 Led / m ○	4	NLEDU52
12 mm	30 Led / m ○	4	NLEDU53
12 mm	30 Led / m ○	4	NLEDU54
12 mm	30 Led / m ○	4	NLEDU56

### Fil Lumière® éco NEW

Ø	LED	P (W)/m	Roll 90m
12 mm	30 Led / m ○	3	NL5011
12 mm	30 Led / m ○	3	NL5011W
12 mm	30 Led / m ○	3	NL5012
12 mm	30 Led / m ○	3	NL5013
12 mm	30 Led / m ○	3	NL5014
12 mm	30 Led / m ○	3	NL5016



The use of inverted cone LED (see diagram) enables Blachere LED Garlands and Fil Lumière products to offer exceptional luminosity. Can be divided every meter.

#### product info

Fil lumière® LED+ and Platinum : Ideal for highlighting facade.

Supplied with 3 special LED power supplies, 3 end caps, 3 connectors.

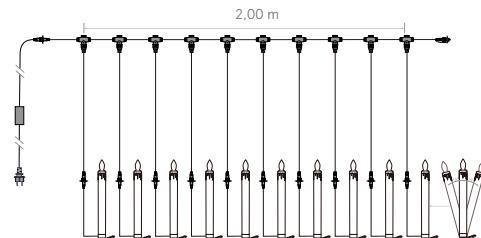
Strictly for professional use. Cannot be sold in shops.

Fil lumière® éco : Packed in very practical and economical 90 m rolls. A new go-to for the repairs/ preparation of your decorations. Supplied with 5 accessories.



## Glittering candle garlands

**NEW**



### product info

Very beautiful and realistic candle garlands featuring a wax effect and a delicate and gleaming light diffusion. Its included wrench facilitates the installation on your tree's branches.

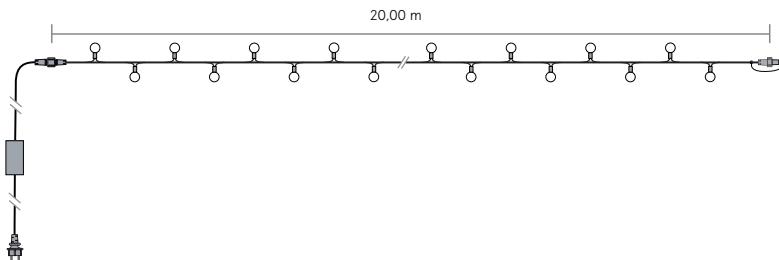
Compatible with Octoplus 24V extension leads p266.

◆	◆	LED	P (W)	¶	¶	■
2,00 m	3,00 m	●	12	10	2	FL910B



## Cherrylight® garlands

NEW



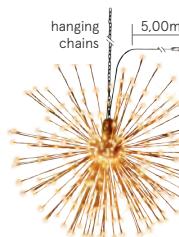
◆	LED	P (W)		■
20.00 m	160	4		FL555C

### product info

This garland made of opaque spheres releases an uniform light with flashy colours changing randomly and automatically.

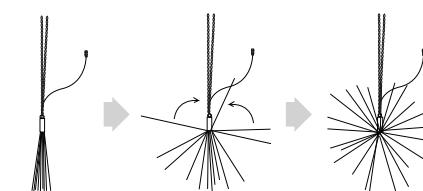


## Hanging bouquets indoor & outdoor



hanging chains 5.00m

drawing of installation:



► Indoor use / IP20 - PVC cable

Ø	Colour	LED	FLASH	P (W)	
0,80 m	Silver	441 ⚠	63 ⚠	25	FCL080A
0,80 m	Gold	441 ⚠	63 ⚠	25	FCL080G

Indoor transformer for FCL bouquet - sold separately

► Outdoor use / IP55 - Rubber cable

Ø	Colour	LED	FLASH	P (W)	
0,80 m	Silver	441 ⚠	63 ⚠	25	FCL080A-E
0,80 m	Gold	441 ⚠	63 ⚠	25	FCL080G-E

Outdoor transformer for FCL bouquet - sold separately

### product info

The hanging bouquets are flash animated with a gold or silver decoration, good daytime effect.

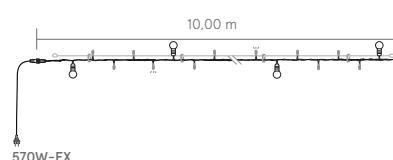
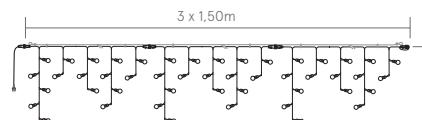
Works with a PRTR24VI or PRTR24V transformer - sold separately.



200

DECORATIONS - 201

## Nostalgia stalactite and Garland



### ► stalactite

◆	◆	LED	FLASH	P (W)			□
1,00 m	4,50 m	48	48	20	15	12	FL361W

### ► garland with flash

◆	LED	FLASH	FLASH	P (W)		□
10 m	120	20	35	10	15	570W-FX

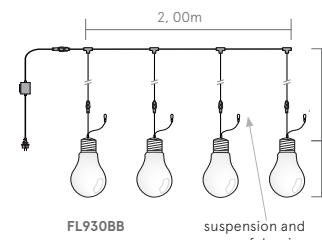
### product info

Garlands and stalactites « ready to install ».

Delivered with ø3mm PVC-sheathed steel rope for cross-street attachment.



## Nostalgia XL suspended bulbs

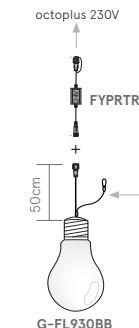


### ► set of 4 bulbs

◆	◆	●	micro LED	FLASH	P (W)	■
2,00 m	2,00 m	ø 28 cm - H 50 cm	400 ⚡	200 ⚡	7,2W	FL930BB

### ► individual bulb

	micro LED	FLASH	P (W)	□
1 bulb - connection on FYPRTR9B only (not supplied) 230V -> 24V transformer with Octoplus connector see p266	100 ⚡	50 ⚡	2	G-FL930BB FYPRTR9B



### product info

Ideal for tree decorations or suspended on catenary wire, these oversized bulbs also twinkle.

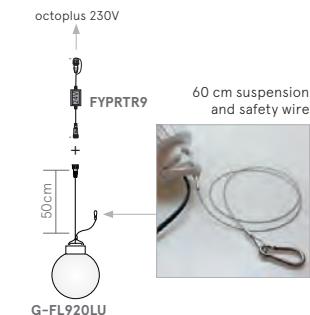
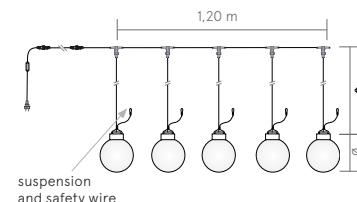
A very trendy retro effect !

Available in set of 4 bulbs that come with a transformer, or singles (transformer and Octoplus accessories p.264 to 266).

Aluminum lamp cap (stainless).



## Hanging spheres with animations



### product info

Ideal for tree decorations or suspended on catenary wire.

Simulate the warm light of candles with a new flickering animation.

A very trendy retro effect.

Set of 5 spheres or individual.

#### ► set of 5 spheres

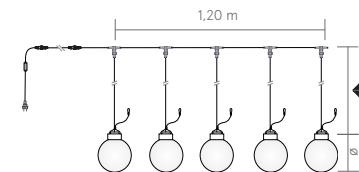
◆	◆	animation	○	P (W)	■
3,00 m	1,20 m	flickering effect	5 ● ø 20 cm	15	G-FL920LU
3,00 m	1,20 m	snowflakes projection	5 ○ ø 20 cm	24	G-FL920SF

#### ► individual sphere

1 ball ø20cm - linking on FYPTR9 only (not supplied)	1 ● ø 20 cm	3	G-FL920LU
1 ball ø20cm - linking on FYPTR9 only (not supplied)	1 ○ ø 20 cm	4,5	G-FL920SF
230V -> 24V transformer with Octopius connector see p266			



## Hanging spheres with animations

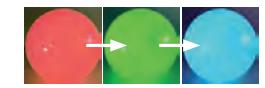
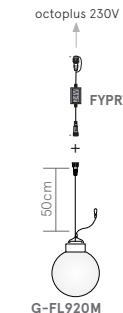


### ► set of 5 spheres

◆	◆	animation	○	P (W)	■
3,00 m	1,20 m	random colour change	5 RGB ø 20 cm	24	FL920M

### ► individual sphere

1 ball - linking on FYPTR9 only (not supplied) 230 -> 24V transformer with Octoplus connector see p66	1RGB ø 20 cm	4,5	G-FL920M FYPTR9
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### product info

Ideal for tree decorations or suspended on catenary wire.

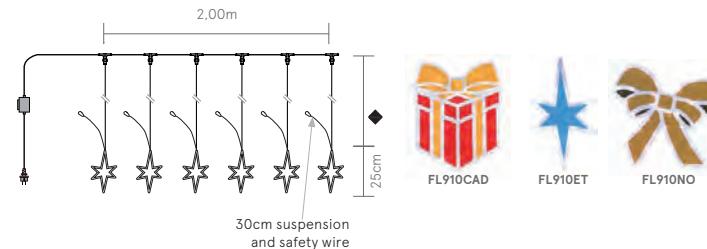
Simulate the warm light of candles with a new flickering animation.

A very trendy retro effect.

Set of 5 spheres or individual.



## Xmas hanging motifs



### ► set of 6 decorations

◆	◆	decorations	LED	FLASH	P (W)	■
3,00 m	2,00 m	20 x 25 cm	174 ○	42 ○	16	FL910CAD
3,00 m	2,00 m	15 x 25 cm	120 ○	30 ○	16	FL910ET
3,00 m	2,00 m	25 x 23,5 cm	204 ○	48 ○	16	FL910NO

### product info

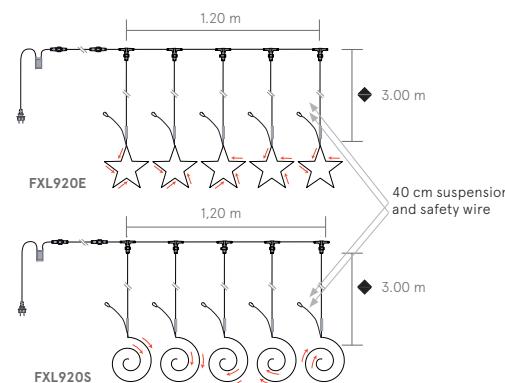
Ideal for tree decorations or suspended on catenary wire.

These double-sided backlit printed Plexiglas decorations are coloured by day and flash animated by night.

Set of 6 decorations.



## Xled hanging motifs



► set of 5 decorations

◆	◆	decorations	LED SMD	P (W)	■
3.00 m	1.20 m	ø 25 cm	270 ⓒ	25	FXL920E
3.00 m	1.20 m	23 x 20 cm	270 ⓒ	25	FXL920S

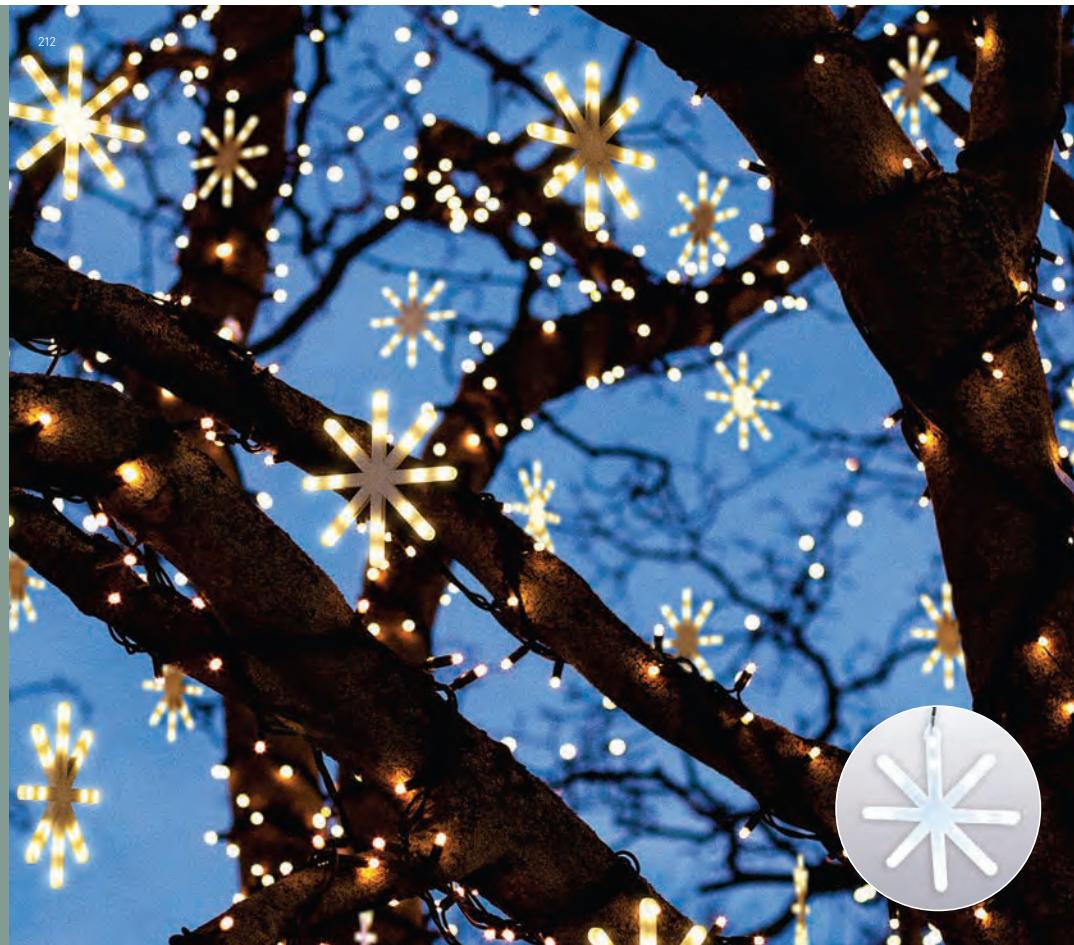
### product info

Ideal for tree decorations or suspended on catenary wire.

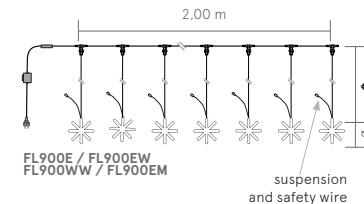
Exclusive Xled animation !

Set of 5 decorations.

Hang the decorations by their suspension wire.



## X-Led animated sparkles



### ► set of 10 sparkles

◆	◆	Ø	2D LED sparkles	P (W)	■
3,00 m	2,00 m	25 cm	10 ○	30	FL900E
3,00 m	2,00 m	25 cm	10 ○○	30	FL900EW
3,00 m	2,00 m	25 cm	10 ○○○	30	FL900WW
3,00 m	2,00 m	25 cm	10 ○○○○	30	FL900EM

### ► individual sparkle

	2D LED sparkle	P (W)	□
12D sparkle ø25cm connected on FYPTR9B only (not supplied)	10 ○	3	G-FL900
12D sparkle ø25cm connected on FYPTR9B only (not supplied)	10 ○○	3	G-FL900WW
230V -> 24V transformer with Octoplus connector see p266			



### product info

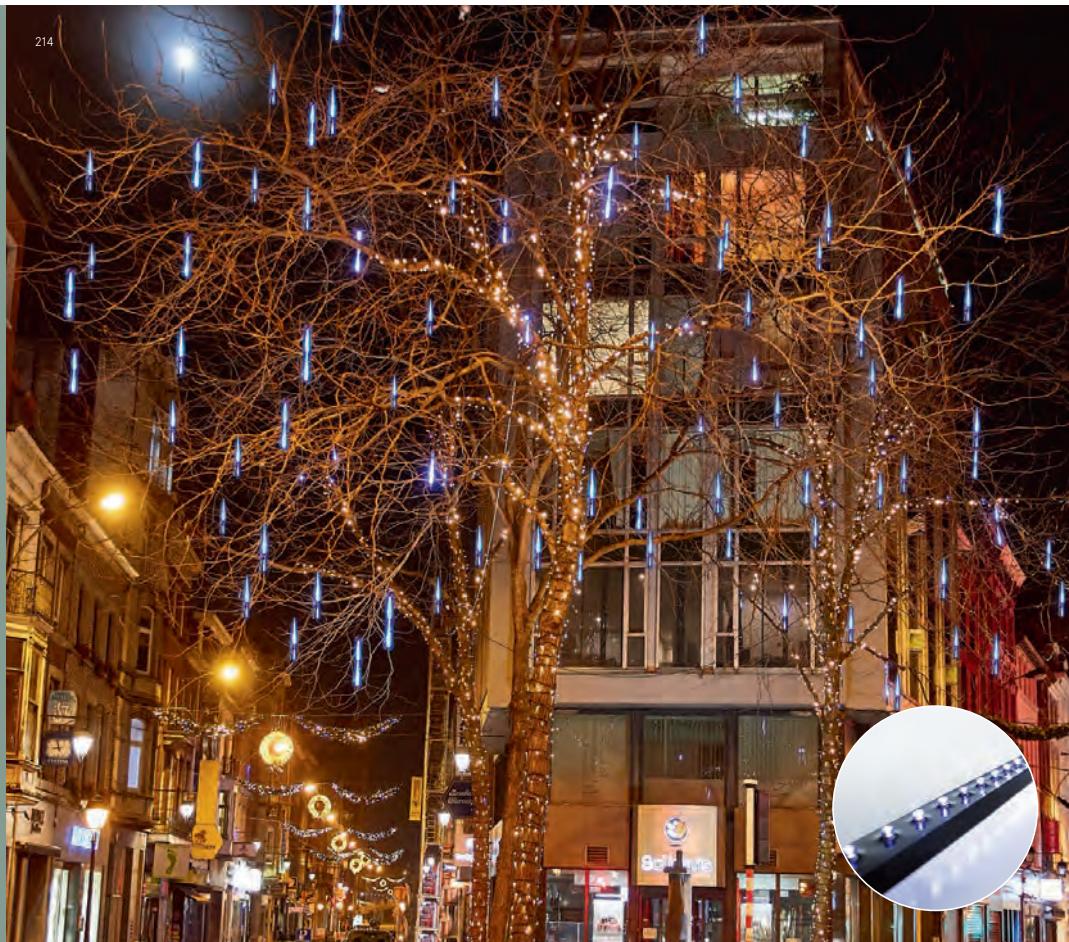
Now available in a two-tone version warm white/pure white:  
2 effects in !!!

Exclusive to Blachere, registered design, X-Led animated sparkles is a brand best seller.

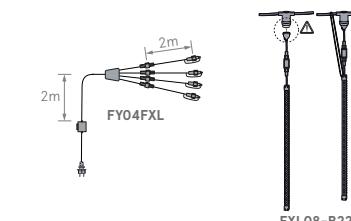
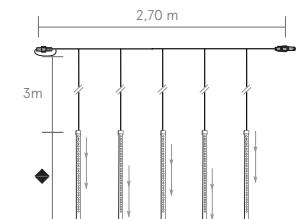
Smooth animation. Daytime effect provided by the milky white polycarbonate.

Light and easy to mount on all kinds of trees or on catenary wire using the hooks supplied.

Set of 10 or individual.



## Double drop double-sided X-Led® stems



Suspension attachment and securing required during installation

◆	◆	LED	P (W)	■	■
0.50 m	2.70 m	320 ○	12	5	FXL055
0.80 m	2.70 m	480 ○	17	5	FXL085

X-Led stem for B22/230V socket FY03B22 accessories on p265

◆	LED	P (W)	■
0.80 m	96 ○	2	FXL08-B22

### product info

A smooth double-drop animation, exclusive to Blachere, registered design, bringing success to the brand especially with the Champs Elysées project.

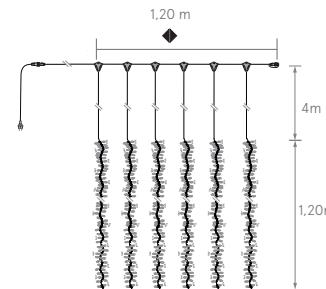
Double-sided stems for 360 degree brightness.

Multiple uses on facades, cross-street motifs or tree decorations.

Multi-output accessory FY04FXL : 20 stems on a single power supply !



## Light stems with flash



### product info

Very light weight products that can be suspended from all kinds of branches.

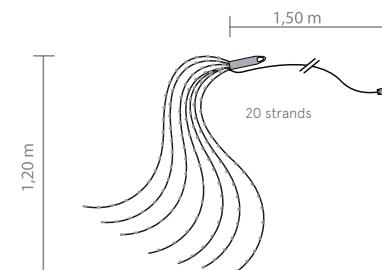
Set of 6 suspensions.

◆	◆	LED	FLASH	P (W)			■
1,20 m	1,20 m	480 ⚡	120 ⚡	50	6	3	950-FX
1,20 m	1,20 m	480 ⚡	120 ⚡	50	6	3	950W-FX



## Branches Micro Led

NEW



◆	LED	P (W)	■	□	☒
1,20 m	288 ⚪	6	24	4	BRIN288
1,20 m	288 ⚪	6	24	4	BRIN288W

extension cable 2m  
switch mode power supply 24V dc-25W  
24V transformer with Octoplus connector see p266

### product info

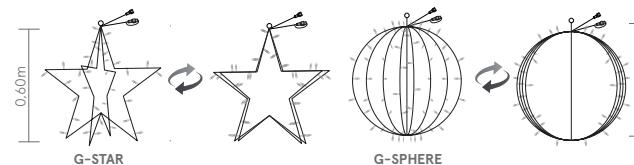
Super easy installation. It will ideally decorate lamp posts and facades. Accessories sold separately.



## Foldable suspensions NEW



requires 230V power supply cable L: 1,50m FY08+ type...  
and bridge rectifier FY043+ type... see page 264



► Led Classic compatible with Octoplus 230V range

◆	Ø	LED	FLASH	P (W)	□
0,60 m	0,60 m	70 ◉	6 ◉	4	G-SPHERE
0,60 m	0,60 m	41 ◉	4 ◉	4	G-STAR
1,50 m	power supply		690W max - see p264		FY08-B+
0,30 m	bridge rectifier		690W max - see p264		FY043A-B+

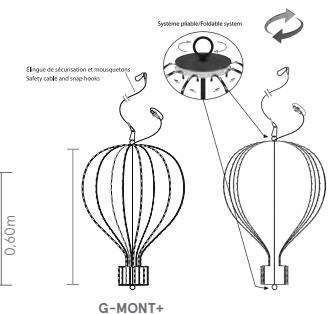
► Micro light + PRO compatible with Octoplus 24V range

◆	Ø	LED	P (W)	□
0,60 m	0,60 m	144 ◉	10	G-SPHER+
0,60 m	0,60 m	144 ◉	10	G-SPHERW+
0,60 m	0,60 m	88 ◉	8	G-STAR+
0,60 m	0,60 m	88 ◉	8	G-STARW+
0,60 m	0,60 m	136 ◉	10	G-MONT+
0,60 m	0,60 m	136 ◉	10	G-MONTW+

### product info

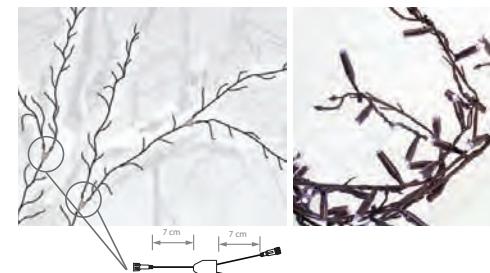
These foldable suspensions are animated slow flash and aesthetic by day thanks to the white lacquering of the metal structures (available in Led Classic or Micro light + PRO).

Compatible with the entire range.





## Multi-motifs twigs



### ► set of 3 twigs

◆	LED	P (W)	■
3 x 1,80 m	3 x 161 ⚪	3 x 5	BRIN180
3 x 1,80 m	3 x 161 ⚪	3 x 5	BRIN180W
24V - 3 output transformer for BRIN180/180W			FY04BRIN
double output Y connector			FY030M
accessories and 230/24V extension cords - see pages 264 to 266			

### product info

Save 40 % on installation time !

Quick and easy tree wiring thanks to the double-output Y connector FY030M.

Operates with 24V transformer 24V FY04BRIN.

3 outputs for twig BRIN180/180W supplied with 3 x 2m extension leads for connecting up to 6 sets of 3 branches on a single power supply.



## Pre-lit swag garland



### ► swag garland per unit

◆	Ø	LED	P (W)	█	█
3,00 m	0,35 m	400 ⚡	30	6	GP303W
4,00 m	0,35 m	500 ⚡	38	4	GP304W

### product info

Great classic for traditional street decorations.

Quick-fit accessories, extension leads, multi-socket connectors Octoplus® by Blachere®: see p264 to 265



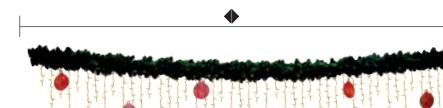
226

DECORATIONS - 227

## Fir garland stalactites with flash and decorations



4,50 m



◆	◆	LED	FLASH	P (W)	¶	●	ø 140mm	■
0,57 m	4,50 m	156 ⚡	48 ⚡	13	48	15	○	GP138L
0,57 m	4,50 m	156 ☀	48 ⚡	13	48	15	●	GP139L-W



### product info

An animated and modular light decoration, ideal for decorating facades or cross-street motifs.

Decoration composed of a green or white christmas garland stalactite cross street motif with a choice of pendant motifs depending on the desired theme.

Pendant motifs in set of 4.

Compatible with the entire range.

Connection options with 230V Octoplus® accessories by Blachere® p.264 to 265.

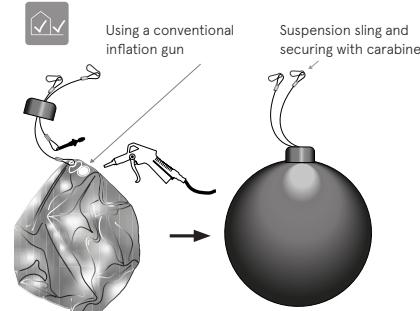


228

DECORATIONS - 229

## Inflatable baubles ceiling lights

NEW



### product info

These decorative baubles are perfect to enhance ceilings or decorate your trees.  
Day and night. Four-baubles set.  
Outdoor use.

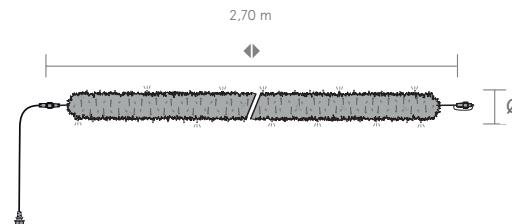
#### ► Four-baubles lot

Ø	colour	reference
50 cm	●	BG50-1
50 cm	■	BG50-3
50 cm	■	BG50-2
50 cm	●	BG50-4



DECORATIONS - 231

## Synthetic pre-lit fir garlands (set of 2)



### ► with flash

◆	Ø	LED	FLASH	P (W)		■
2,70 m	0,30 m	180	60	11	10	GP134LWFX

### ► static

◆	Ø	LED	P (W)		■
2,70 m	0,30 m	240	11	10	GP134L-W

### product info

Great classic for traditional street decorations.

Quick-fit accessories, extension leads, multi-socket connectors Octoplus® 230V by Blachere®, see p264 to 265.



## Garlands with B22 sockets



### ► B22 socketed tinsel rolls - Socket not included

◆	description	cable section	B22
100 m	roll of garland 1 socket/m (100 sockets)	■ 2 x 1,5 mm <sup>2</sup>	G098C
100 m	roll of garland 2 sockets/m (200 sockets)	■ 2 x 1,5 mm <sup>2</sup>	G099C
100 m	roll of garland 3 sockets/m (300 sockets)	■ 2 x 1,5 mm <sup>2</sup>	G100C
50 m	roll of garland 4 sockets/m (200 sockets)	■ 2 x 1,5 mm <sup>2</sup>	G112C
50 m	roll of garland 5 sockets/m (250 sockets)	■ 2 x 1,5 mm <sup>2</sup>	G113C
100 m	roll of garland 3 sockets/m (300 sockets)	□ 2 x 1,5 mm <sup>2</sup>	G100C-B

### ► garlands with B22 sockets - Socket included

◆	description	cable section	B22
9 m	garland of 20 sockets	■ 2 x 1,5 mm <sup>2</sup>	G1C
15 m	garland of 40 sockets	■ 2 x 1,5 mm <sup>2</sup>	G2C
50 m	roll of garland 4 sockets/m (200 sockets)	■ 2 x 1,5 mm <sup>2</sup>	G112CN
9 m	garland of 20 sockets	■ 2 x 1,5 mm <sup>2</sup>	G1CN

### product info

Customise your garland with different bulbs suggested on p237 and make up your own eye-catching effect.

Replace your old incandescent bulbs with LED bulbs, new technology with vintage look but more economical so more ecological.

Ideal for your summer decorations, creating a festival atmosphere.



## Ledmosphere garlands

NEW



### product info

New garland packaged in rolls and mounted on a steel wire which will allow an easy installation and a greater resistance. Compatible with the Octoplus 230V range. Carabiners supplied.

◆	AMPOULES	P (W)	■	■
10m	30 ●	14	10	600W
50m	150 ●	70	2	650W



## B22 & E27 bulbs



LDL B22/E27 range (registered design)



LDLH B22 SMD range



LDLFL-B22 F722-L / F732-L



In outdoor use, must be mounted on garland with B22 sockets minimum IPX4 with waterproof seal fitted.

description	B22	E27	B22	B22	B22
type of globe	polycarbonate	polycarbonate	polycarbonate	polycarbonate	
ø of globe	45 mm	45 mm	45 mm	36 x 115 mm	
voltage	230V	230V	230V	230V	
intensity	3,68VA	3,68VA	3,68VA		
wattage	16 mA max/	16 mA max/	16 mA max/	3W	1W
packing	set of 25	set of 25	set of 25	unit	unit
use	outdoor	outdoor	outdoor	outdoor	outdoor
pure white	LDL11-B22	LDL11-E27	LDLH11		
warm white	LDL11W-B22	LDL11W-E27	LDLH11W		
amber	LDL12-B22	LDL12-E27	LDLH12	LDLFL-B22	F722-L
red	LDL13-B22	LDL13-E27	LDLH13		
blue	LDL14-B22	LDL14-E27	LDLH14		
green	LDL16-B22	LDL16-E27	LDLH16		
pink	LDL18-B22	-	LDLH18		

Low power consumption bulb - Note : use the appropriate power (16mA i.e 3,68VA) to calculate the rating of your network (cable section area, circuit breaker, power required etc.). Use 0,5W per bulb to calculate the power consumption.

### product info

The LDL series is a classic of Blachere lighting. A registered model, the particular arrangement of the LEDs in the bulb globe gives a «filament effect» similar to the incandescent bulbs of yesteryear.

The polycarbonate globe guarantees an increased solidity (IK06).

The LDLFL-B22 recreates the effect of a flame, regardless of the mounting direction.

F722-L / F732-L  
A historical product that is easy to use on a B22 lampholder. Produces 1 flash approximately every 3 seconds.



## Led rounded projectors for tree or pole



PRJA-W / PRJA

### ► Rounded projectors for trees (set of 2)

dimensions	LED	voltage	P (W)	reference
180 x 55 x 24 mm	6X○	24V	2 x 6W	PRJA
180 x 55 x 24 mm	6X○	24V	2 x 6W	PRJA-W
black switch-mode power supply 24V dc 25W (for a set of 2)				PRTR24N
elastic strap for PRJA-W and PRJA projectors				FYSDOW
protective and adhesive foam (set of 10)				FY-MOUS

### product info

Illuminate tree trunks or branches with our curved micro projectors! They may be small, but they are super powerful! Bright and elegant results, easy to set up. Totally safe for the public (24V) and trees (elastic fasteners + protective foam). Extensions and accessories p266.



## Led projector decorative



► Led decorative spotlight - unit - IP65 - class 1

LED	voltage	P (W)	packing	reference
●	230V	6W	unit	PRJP-03W+

### product info

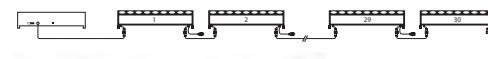
Decorative spotlight, ideal to create a soft and warm atmosphere.



# DMX controllable LED projectors and wall washers



PRJP3-DMX



PRJR2-DMJ



PRJR1-DM

► DMX controllable LED projector

#### ► DMX controllable RGB wall washers

◆	LED	spreading angle	⚡	☒	P (W)	reference
58 cm	18 RGB	45°	230V	2,6kg	45W	<a href="#">PRJR1-DMX</a>
110 cm	24 RGB	45°	230V	6,7kg	80W	<a href="#">PRJR2-DMX</a>
3 m	230V DMX power supply					<a href="#">FY1A1-DMX</a>
6 m	DMX extension lead					<a href="#">FY5P-DMX</a>
6 m	DMX signal extension lead					<a href="#">FY5S-DMX</a>

## product info

New range of RGB strip lights.  
Perfect for facades or monument illuminations.

Use of the SMD RGB led for a better lighting result.

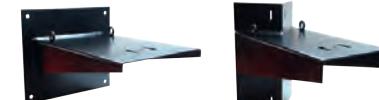
Independent controller bringing greater autonomy thanks to the 10 pre-programmed animations or DMX interface box ref PR-DMX.  
For more information, please contact us.



## Gobo projector RGBW



PRJPGOBO1

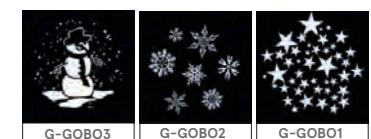


PRM-GOBO1



PRP-GOBO1

product info						
Rotary projector Can be used manually or with DMX.						
N.B. - Gobo size M-66 mm. - Pole mount bracket or wall mount sold separately.						

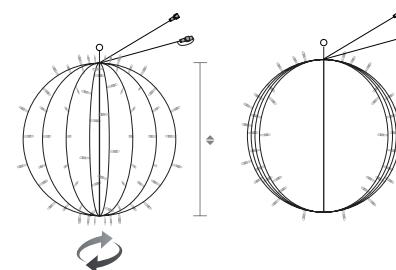


Other models available on request.



INDOOR - 247

## Spherical suspensions foldable NEW

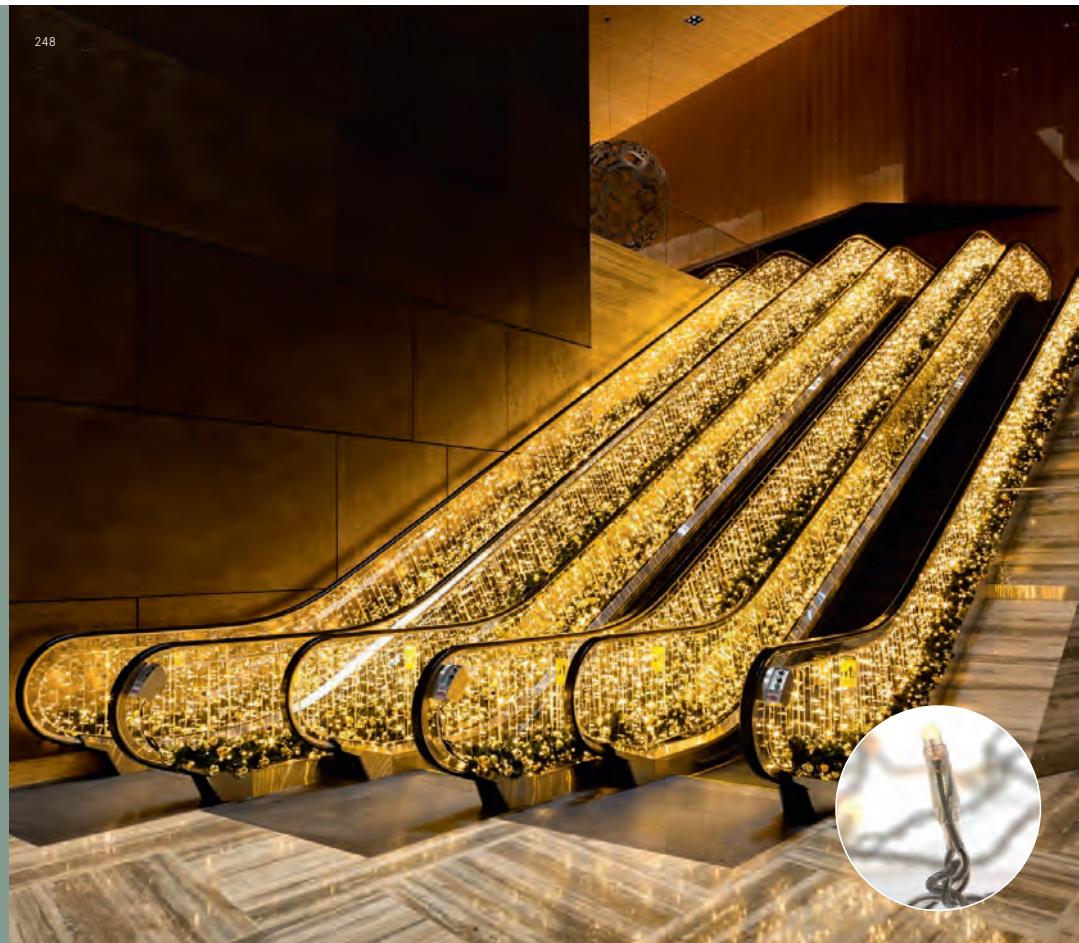


### product info

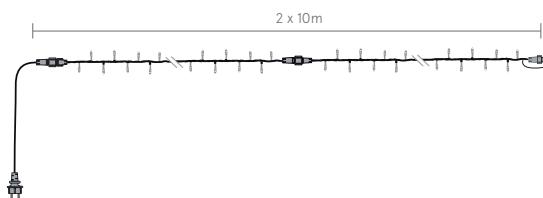
Foldable micro LED spheres, available in two sizes.  
Sparkling effect thanks to the flashes.

Ideal for high ceilings or skylights.

$\varnothing$	LED	FLASH	P (W)	<input checked="" type="checkbox"/>
0,45m	212	108	10	<b>DKOB50W</b>
0,75m	400	200	15	<b>DKOB80W</b>



## Sparklight® garlands static



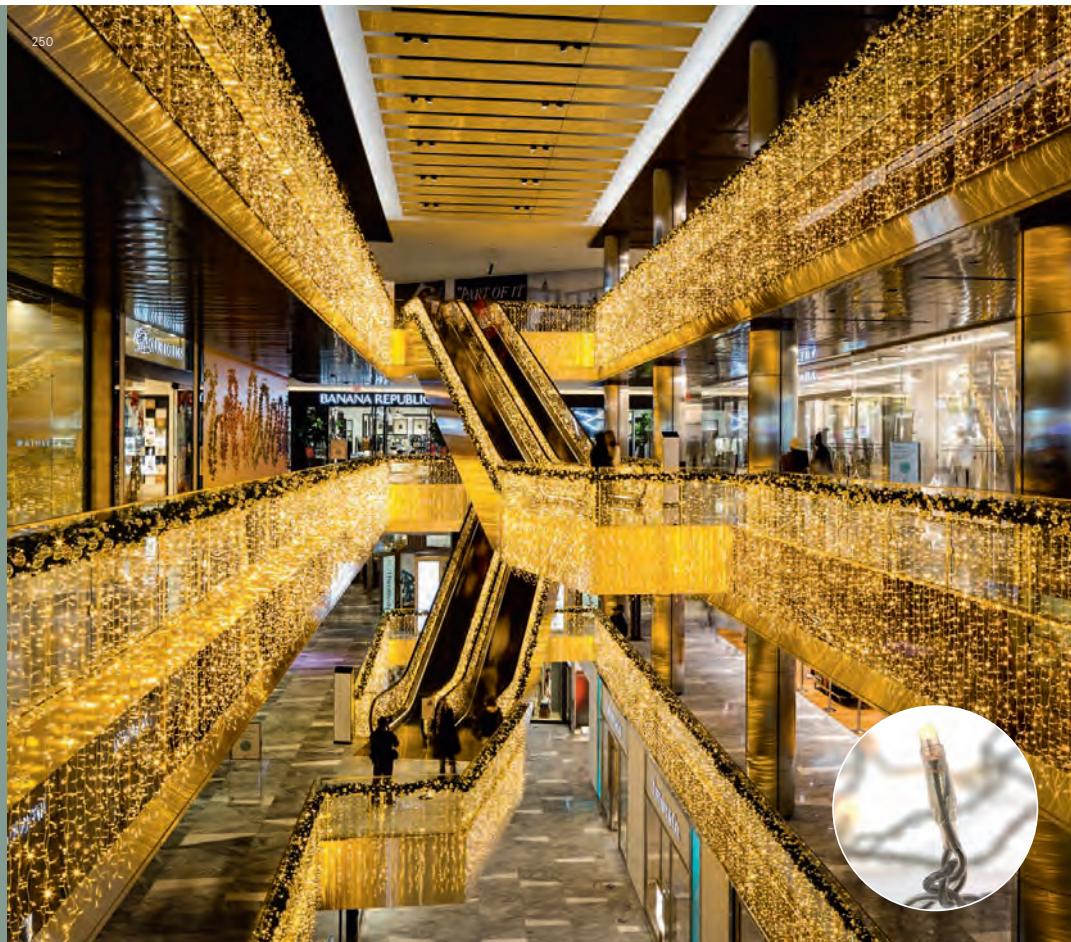
### product info

The indoor range has been specially developed for indoor decoration, shopping centres, shops, reception lobbies, etc.

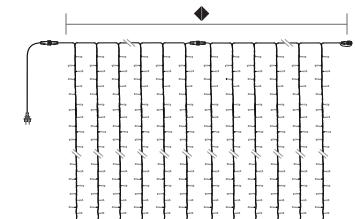
Top-of-the-range finishings with finer PVC transparent cable.

Connection options with 230V Octoplus® accessories by Blachere® p.264 to 265.

◆	LED	P (W)	✉	■
20,00 m	120 ⚪	8	5	DKO521
20,00 m	120 ⚪	8	5	DKO521W



## Joylight® curtains with slowflash or static



### ► with slowflash

◆	◆	LED	SLOWFLASH	P (W)	■	□	■
1,00 m	2,00 m	150 ○	45 ○	15	15	13	DKO23F
1,00 m	2,00 m	150 ○	45 ○	15	15	13	DKO23WF
1,50 m	2,00 m	165 ○	45 ○	15	15	15	DKO24F
1,50 m	2,00 m	165 ○	45 ○	15	15	15	DKO24WF
3,00 m	2,00 m	270 ○	90 ○	19,5	15	11	DKO20F
3,00 m	2,00 m	270 ○	90 ○	19,5	15	11	DKO20WF
5,00 m	2,00 m	432 ○	144 ○	30	15	5	DKO25F
5,00 m	2,00 m	432 ○	144 ○	30	15	5	DKO25WF

### ► static

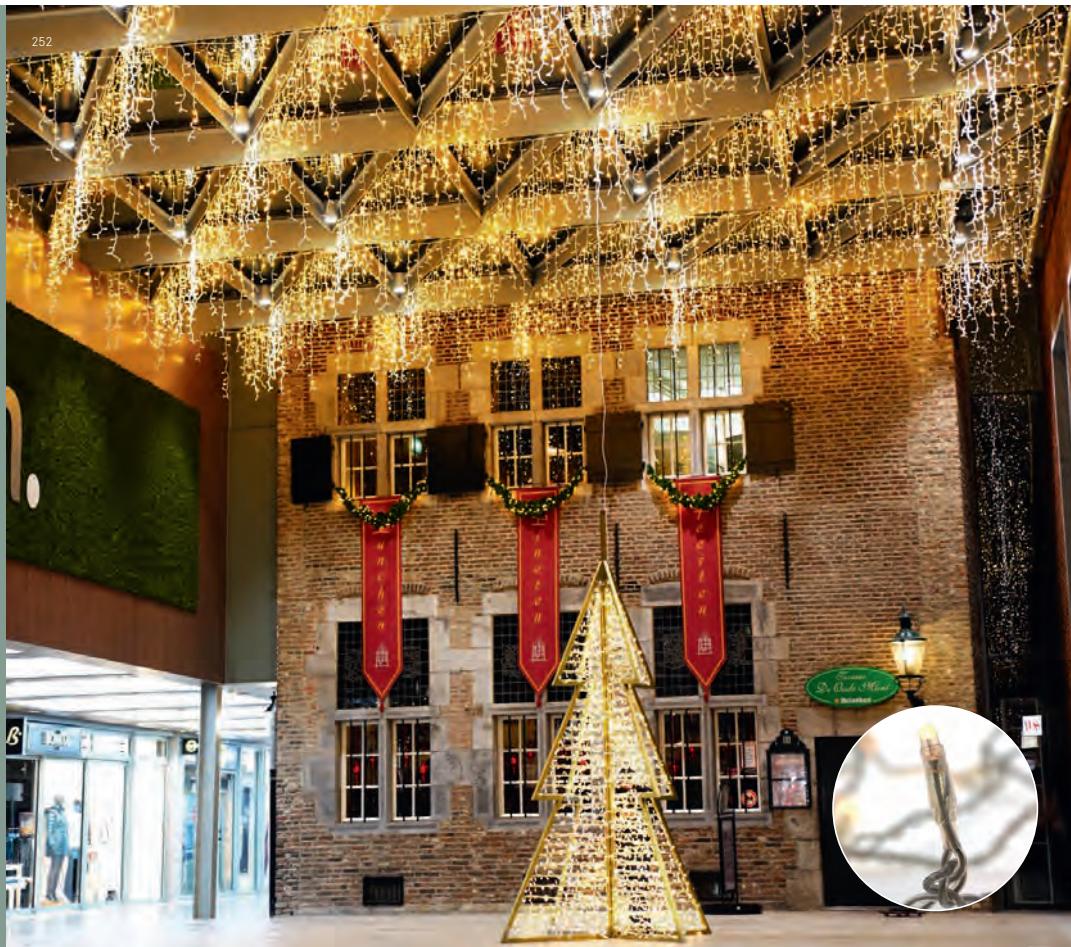
◆	◆	LED	P (W)	■	□	■
1,50 m	2,00 m	210 ○	15	15	15	DKO24-B
1,50 m	2,00 m	210 ○	15	15	15	DKO24W-B
3,00 m	2,00 m	360 ○	19,5	15	11	DKO20-B
3,00 m	2,00 m	360 ○	19,5	15	11	DKO20W-B
5,00 m	2,00 m	576 ○	30	16	5	DKO25-B
5,00 m	2,00 m	576 ○	30	16	5	DKO25W-B

### product info

The indoor range has been specially developed for indoor decoration, shopping centres, shops, reception lobbies, etc.

Top-of-the-range finishings with finer PVC silver cable.

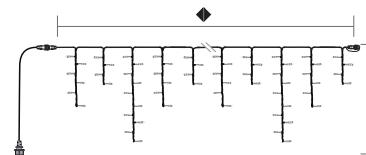
Connection options with 230V Octoplus® accessories by Blachere® p.264 to 265.



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INDOOR - 253

## Stalactitlight® with slowflash or static



### ► with slowflash

◆	◆	LED	SLOWFLASH	P (W)			■
0,35 m	3,00 m	60 ○	20 ○	5	12	30	DKO362F
0,35 m	3,00 m	60 ○	20 ○	5	12	30	DKO362WF
1,30 m	3,90 m	120 ○	40 ○	10	24	25	DKO361F
1,30 m	3,90 m	120 ○	40 ○	10	24	25	DKO361WF

### ► static

◆	◆	LED	P (W)			■
0,35 m	3,00 m	80 ○	5	12	30	DKO362
0,35 m	3,00 m	80 ○	5	12	30	DKO362W
1,30 m	4,00 m	160 ○	10	24	25	DKO361
1,30 m	4,00 m	160 ○	10	24	25	DKO361W

### product info

Energize your project with the flash animation of this product.

The indoor range has been specially developed for indoor decoration, shopping centres, shops, reception lobbies, etc.

Top-of-the-range finishings with finer PVC silver cable.

Compatible with the entire range.

Connection options with 230V Octoplus® accessories by Blachere® p.264 to 265.

# Smart city

## Optimized energy management

The "smart city" movement is gaining ground in France and around the world. Issues of eco-friendly equipment design and durability, plus smart energy management, are now part of many eco-friendly urban policies. Blachere Illumination 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



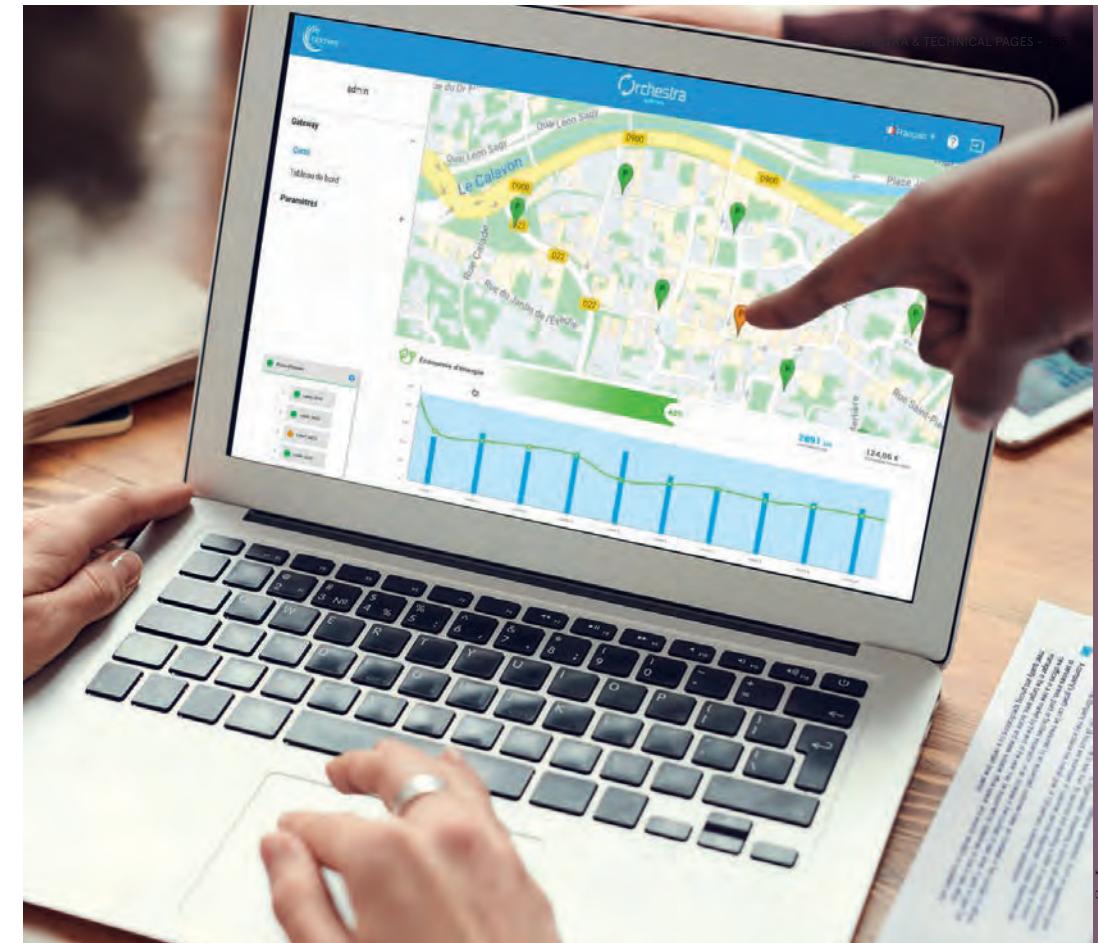
REMOTE OVERALL  
MANAGEMENT



ECO-FRIENDLY ELECTRICAL  
RESOURCE MANAGEMENT



DETECTING  
PROBLEMS



# Switch+

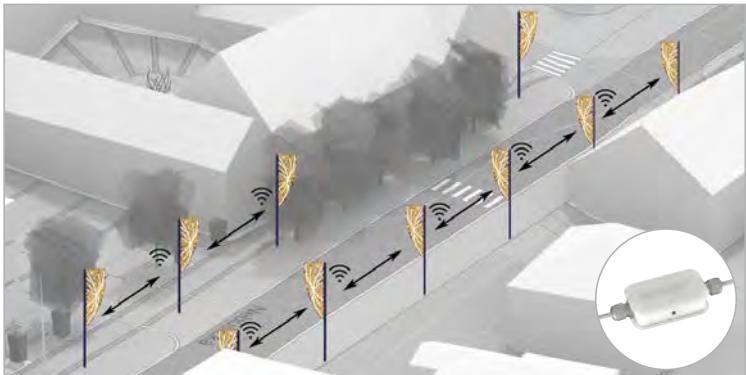
Programming  
the operating periods of your decorations

**My decorations and garlands are equipped with Switch+ boxes:**

In a street, all my decorations and garlands are individually equipped with Switch+ boxes (pre-programmed in compliance with the decree of December 27, 2018 on the prevention of light nuisances), building a network.

This way, I can desynchronize my illuminations from the street lighting and switch them on during specific hours or periods instead, thus saving energy, respecting night-time biodiversity and contributing to the fight against night-time pollution.

Switch-on times: From 5 PM to 1 AM, then from 7 AM to 8.30 AM (pre-programmed by default).  
It is still possible to set up adjusted schedules or customized execution dates on request when you place your order. You can also add the Orchestra option (p258) for a total, autonomous and intelligent management of your illuminations.



# Caméléon

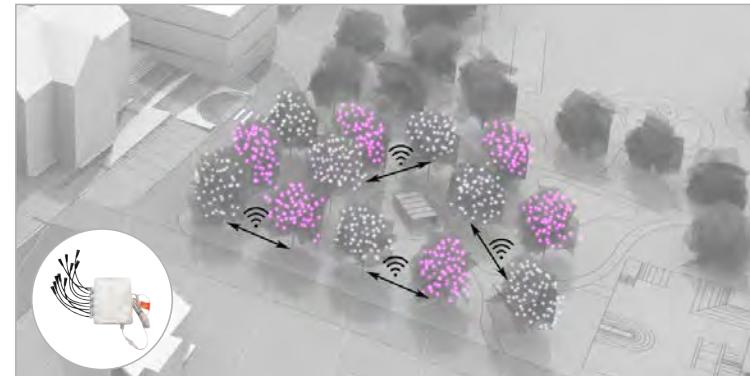
Programming your trees' animations  
and changing colours

**My trees are equipped with FL525RGB garlands and PRX10RGB box (p170-171), I want to control the colour of the LEDs and the lighting schedules:**

I just have to stand next to the FL525RGB garlands.

Then I open my Caméléon app on my smartphone and select my groups of garlands and the colour and animation I want for the LEDs. I can determine their operating periods and perform a multicoloured and animated light show according to my desires.

I can also control the colour of all the trees in my city by adding the Orchestra option (global control).  
(see p258).



# Orchestra

Global management system  
for your illuminations

My decorations are all equipped with Switch+ boxes and/or Cameleon and I want to control them globally and remotely on my computer, tablet or smartphone:

All my decorations are equipped with Switch+ boxes and/or Cameleon and I set up ORCHESTRA relay boxes to benefit from the ORCHESTRA control system. I control this system via a web interface available on my computer, tablet or smartphone. I can program my lighting scenarios and my illuminations' operating periods.

I enjoy a real time vision of my energy savings and the proper functioning of my installations remotely and receive alerts of anomalies.

Once the ORCHESTRA system has been set up in my city, I can also choose to entrust the management of my lighting to Blachère teams. We will program your lighting scenarios for you, monitor the anomaly alerts and send you regular reports on the proper functioning of your decorations.



	Switch+ only	Caméléon only	Orchestra extension
Tracking energy savings	-	-	●
Creating groups of decorations/trees	●	●	●
Calendar programming (Days and times for groups to be on)	●	●	●
Remote illumination management	-	-	●
Off-site order management	-	-	●
Managing alerts (anomalies)	-	-	●
Real-time installation monitoring	-	-	●
Lighting schedule optimization	●	●	●
Security via Blachère Smartcloud	-	-	●
Interface customization	-	-	●
Colour and animation settings	-	●	●
Lighting Scenarios (Timing schedules, group management, etc...)	-	-	●





## Octoplus by Blachere®

Exclusive



Octoplus by Blachere® 230V connector, protection rating IP67, according the European standard EN60529 on the degree of protection provided by enclosures.



Safety extra-low voltage connector 12/24V

**Octoplus** is the connector that enables **fast and multiple connection** between our decorations and most of our range of garlands. Each item that is marked "Octoplus" can therefore **be connected** to another "Octoplus" item. This means **the combination of items is infinite** just by simplifying the electrical connections.

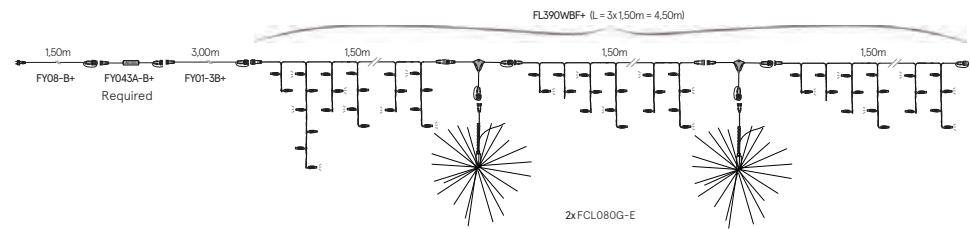
### Octoplus®: Example of use No.1



For a transverse motif

Ref.	Quantity	Page
FY08-B+	1	264
FY043A-B+	1	264
FY01-3B+	1	264
FL390WBF+	1	159
FCL080G-E	2	199
FYPRTR9B	2	266

To install on steel wire with PVC sheath



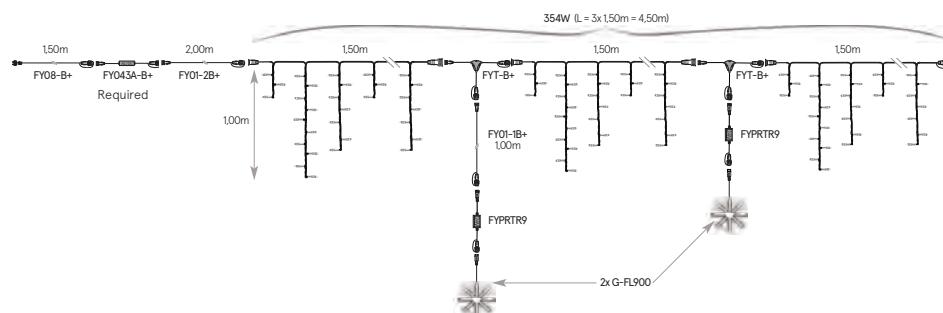
## Octoplus®: Example of use No.2



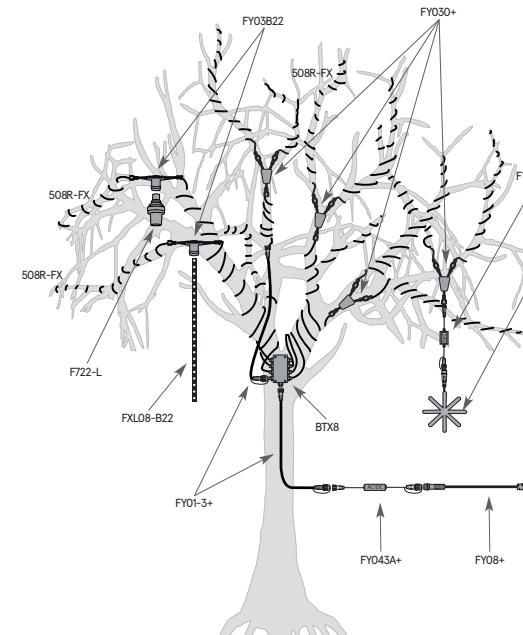
For a width of 4.50m

Ref.	Quantity	Page
FY08-B+	1	232
FY043A-B+	1	232
FY01-2B+	1	232
354W	1	159
FYT-B+	2	232
FYPRTR9	2	234
G-FL900	2	185

To install on steel wire  
with PVC sheath



## Octoplus®: Example of use No.3



Ref.	Quantity	Page
FY08-B+	1	232
FY043A-B+	1	232
FY01-3+	2	232
BTX8	1	232
508R-FX	10	141
FY030+	4	232
FYPRTR9	1	234
G-FL900	1	185
FY03B22	1	233
FXL08-B22	1	187
F722-L	1	209





## 230V Connections

Diagram/Picture	Description	Obs.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Power cable 230V - 1.5m - HO5RN-F - 2x1mm <sup>2</sup> with male plug and female Octoplus connector	Euro UK Swiss Wieland	FY08+ FY08-UK+ FY08-S+ FY08-W	FY08-B+ FY08-BUK+ FY08-BS+ FY08-BW
	AC/DC bridge rectifier (compulsory) for LED+ with Octoplus connector (M+F)	1A/230W 3A/690W 1m 2m 3m 5m 10m (2X5m)	FY041A+ FY043A+ FY01-1+ FY01-2+ FY01-3+ FY01-5+ FY01-10+	FY041A-B+ FY043A-B+ FY01-1B+ FY01-2B+ FY01-3B+ FY01-5B+ FY01-10B+
	Octoplus extension 230V - HO5RN-F - 2x1mm <sup>2</sup>			
	Set of 5 end-caps plugs		FY1C+	FY1CB+
	T connector 230V		FYT+	FYT-B+
	Y connector 230V		FY030+	FY030-B+
	W connector 230V		FY031+	FY031-B+
	Collector - 230V - HO5RN-F L = 2 x 1.60m = 3.20m 20cm between connectors with 16 sockets and steel wire with PVC-coating 690 W max in total		FY023+	FY023-B+



## 230V Connections

Diagram/Picture	Description	Obs.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	IP66 multi-socket box with 4 Octoplus (F) outputs and one Octoplus (M) input	690 W max	BTX4	BTX4-B
	IP66 multi-socket box with 8 Octoplus (F) outputs and one Octoplus (M) input	690 W max	BTX8	BTX8-B
	230V adaptor Sparklight and Stalactites (connector 2017 -> connector 2018)	-	FY230F2	FY230F2-B
	230V adaptor Sparklight and Stalactites (connector 2018 -> connector 2017)	-	FY230M1	FY230M1-B
	B22 bushing with M/F Octoplus connector	5W max	FY03B22	FY03B22-B
	Elasticated "SPECIAL TREE" connector to let the tree grow without any restrictions	set of 5	FY07A	-
	Wieland female socket (install at top of candelabra) + 6m of HO5RN-F power cable	-	FY06-P	-
	IP66 quick connector for HO5RN-F cable	-	BT04	-
	Protective and adhesive foam	set of 10	FY-MOUS	-



## 24V Connections

Diagram/Picture	Description	Obs.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	1m extension PVC cord 24V Connectors M-C1/F-C2		<b>FY01-PVC</b>	<b>FY01B-PVC</b>
	2m extension PVC cord 24V Connectors M-C1/F-C2		<b>FY02-PVC</b>	<b>FY02B-PVC</b>
	5m extension PVC cord 24V Connectors M-C1/F-C2		<b>FY05-PVC</b>	<b>FY05B-PVC</b>
	2 output connector PVC 24V Connectors M-C1/F-C2		<b>FY2-PVC</b>	<b>FY2B-PVC</b>
	3 output connector PVC 24V Connectors M-C1/F-C2		<b>FY3-PVC</b>	<b>FY3B-PVC</b>
	230V -> 24V transformer with Octoplus connector	10W max	<b>FYPRTR9</b>	<b>FYPRTR9B</b>
	Transformer 230V / 24V with Octoplus connectors	100W		<b>PRTR100W</b>
	collector 24V - PVC L: 80cm - 4 sockets - spacing 20cm		<b>FY024</b>	<b>FY024-B</b>

## Electrical accessories for Led Fil Lumière®

<b>Electrical accessories for LED Platinum fil lumière®</b>			
	<b>NLC51L</b>	Glueable L connector	<b>NLC92-12</b> Standardized glueable central "spins"
The kit includes : 1 rubber power lead of 1m with plug and polarized connector + integrated AC/DC bridge rectifier, 1 power lead spin, 1 full spin, 1 pot of glue and 1 end cap.			<b>NLC54-12</b> Glueable insulation end cap

## Fixing accessories for Led fil lumière®

	<b>NLC59</b>	<b>NLC61 - Pot of glue PVC 250ml</b>
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## Repair kit for Led Platinum fil lumière® - 230V - IP55 - ø 12mm

	For Blachere illumination motifs only
	(type NML41), 2 power leads, glue, 10 connectors, 5 end caps
	(type NML42), 2 power leads, glue, 10 connectors, 5 end caps
	(type NML46), 2 power leads, glue, 10 connectors, 5 end caps
	(type NML41W), 2 power leads, glue, 10 connectors, 5 end caps

## Fixing accessories for motifs

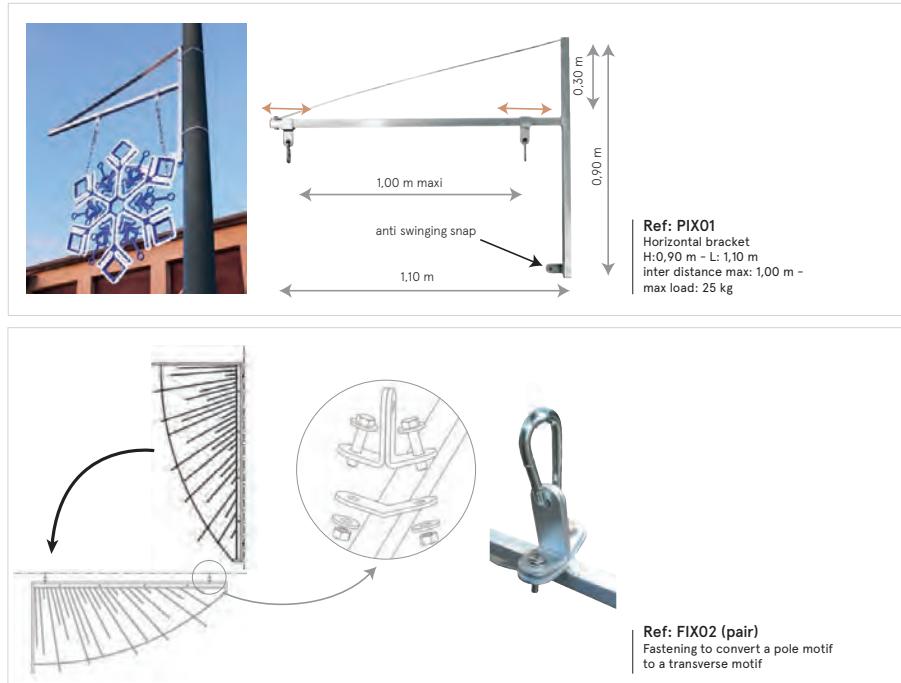
Picture	Infos	Ref
	Heart shape eye for Ø 4mm cable set of 10	D001
	Heart shape eye for Ø 6mm cable set of 10	D011
	Cable gripper for Ø 4mm cable set of 10	D002
	Cable gripper for Ø 6mm cable set of 10	D012
	Steel cable Ø 4mm 100m roll	D005
	Steel cable Ø 6mm 100m roll	D006
	Steel cable Ø 4mm with PVC sheath Ø 6mm 100m roll	D015
	Steel cable Ø 6mm with PVC sheath Ø 8mm 100m roll	D016

Picture	Infos	Ref
	Transverse unit for fastening to pole for Ø 11mm cable pair	MA001
	Eyebolt L : 150mm set of 2pcs	D033
	Galvanized steel shackle Ø 10mm	MA002
	Mixed stretcher unit - M10 L : 22 to 30cm	D004
		D0M7T
	safety sling L : 60cm WLL : 70kg	D026

## Connections - Housing



## Fixing accessories for motifs



## Fixing accessories for polemounts



Ref.	$\varnothing$	Perimeter	pole $\varnothing$	usable with
PIX04	25 cm	0,80 m	60 to 120 mm	Curtains p135, 137, 147, 149, 151, 153
PIX02	60 cm	1,90 m	60 to 200 mm	
PIX03	130 cm	4,00 m	60 to 200 mm	

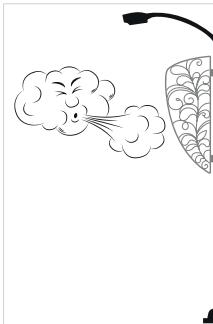
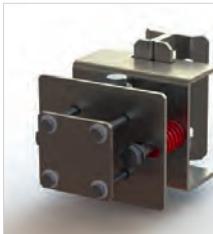
## Fixing accessories for motifs

"Order your FIX01 fixing to colour match your lamp columns!!!  
Let us know the corresponding RAL and get a customized quotation. Contact our sales department for information"

**FIX01 (pair)**  
Fastening device for poles



**FIX01P (pair)**  
Strengthened fastening devices for poles  
(storm conditions) (wind area 3)



**FIX01P-2 (pair)**  
Fastening devices for poles  
with 2P+E IP54 socket



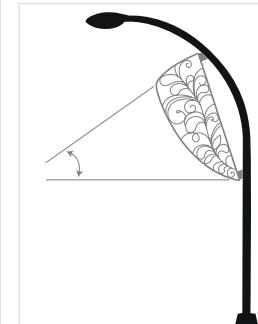
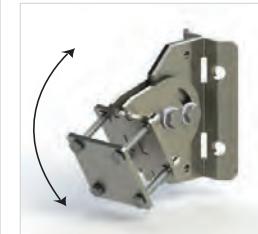
## Fixing accessories for motifs

"Order your FIX01 fixing to colour match your lamp columns!!!  
Let us know the corresponding RAL and get a customized quotation. Contact our sales department for information"

**FIX01M (pair)**  
Fastening devices  
for facades



**FIX01MC (pair)**  
Fastening devices  
for curved pole



Each fastening must be individually strapped twice (see diagram). For motifs exceeding a height of 3.5m, it is essential to use three fasteners per motif.

**Ref: D007**

Strapping box including 1 cutting pliers and 1 strapping pliers.

**Ref: D008**

Stainless steel strap Roll of 50m thickness : 0.7mm

**Ref: D009**

Staple-clip for steel strapping of 100

**Ref: D010**

Black protection strip for Stainless steel strap - L: 10 ml / 10 mm



**D008** **D007**

**D010** **D009**

**FYS060N**  
Fixing of decorations on masts.

Black strap: l: 15mm, L: 600mm, 8cm mini ratchet, LC 50 daN  
This strap is reusable and does not slip



## Scenography/decoration accessories

Picture	Infos	Ref
	Concrete block 1000kg H : 500mm L : 1000mm I : 1000mm  avec anneau de levage et passage de fourche (in order)	PLO1000
	Concrete block 1500kg H : 750mm L : 1000mm I : 1000mm  avec anneau de levage et passage de fourche (in order)	
	Pyramid ballast 25kg Base 38 cm x 38 cm with carry handle	PLOSAC25
	Mounting base for 3D motif ø : 800mm	PLA800OR
	Mounting base for 3D motif ø : 1200mm	PLA1200OR

Picture	Infos	Ref
	White cotton carpet roll 30m x 2,6m	GP500
	Red carpet roll 10m x 2m	GP510R
	Red - H : 1,00m Gold - H : 1,00m Red - H : 0,50m Gold - H : 0,50m	GP130 GP131 GP132 GP133
	Red - ø 140mm Or - ø 140mm Rouge - ø 200mm Or - ø 200mm Rouge - ø 280mm Or - ø 280mm	B14-1 B14-2 B20-1 B20-2 B28-1 B28-2
	Red and gold gift H : 0,55m L : 0,45m I : 0,45 m	JDK50R

# Solar kit 100W

100W Solar Kit with constant light for 12 hours without loss of brightness



#### Technical data :

- Full kit with solar panel, 12V gel batteries, power regulator and protection against discharges.
- Gel batteries for 2400 cycles with 30% discharge.
- Prevent battery damages with low power protection .
- 24V or 230V output to indicate with your order.
- Can be fixed on floor.

#### +

- 50% of battery consumption after 12 hours.
- Easy to move with flexible rubber wheels with high degree of resistance to abrasion.
- No maintenance and easy installation.



Reference	Description	Height	Length	Width	Weight
KITSOL	Solar kit 100W	1,90m	1,04m	0,36m	130kg

#### Installation steps :



Reference	Page	◆	◆	■	◆	□	◆	Led colour	Mounting	Animation	Flash colour	Print	●
CME2	117	1,00	1,00	0,00	30,0	9,6	pure white / warm white	treetop	flash	pure white		1	
CME4	117	1,00	1,00	0,00	55,0	17,2	pure white	treetop		white	1		
CME5	117	1,00	1,00	0,00	46,0	13,0	pure white / warm white	treetop	suspension	warm white	white	1	
CME7	117	0,80	0,80	0,00	16,0	10,0	pure white	treetop		white	1		
G-LUSTR09	35	0,90	1,25	1,25	20,0	11,0	pure white	suspension	anim	pure white		1	
GP157W	123	2,10	1,55	1,35	40,0	18,0	warm white	ground				1	
GSV140	123	1,40	0,60	0,60	0,2	15,0		ground				1	
GSV140B	123	1,40	0,60	0,60	0,2	15,0		ground				2	
GX001-L	133	5,00	5,00	5,00	315,0	206,0	pure white	ground				1	
GX001-LW	132	5,00	5,00	5,00	315,0	206,0	warm white	ground				1	
GX013	91	2,00	2,85	2,75	75,0	61,0	multicoloured	ground	flash	pure white		1	
GX015W	140	3,55	5,00	5,00	515,0	150,0	pure white / warm white	ground	led/flash	pure white	white	10	
GX042L	99	2,20	1,70	0,80	18,0	22,0	pure white / warm white	ground	flash	pure white	white	1	
GX044L	92	3,00	2,00	1,75	85,0	66,5	multicoloured	ground	anim			5	
GX044L-A	102	3,00	2,00	1,75	125,0	86,0	multicoloured	ground	console interactivity / anim			4	
GX047L	90	2,50		1,10	40,0	44,0	multicoloured	ground				1	
GX048LW	99	0,75	0,80	0,80	40,0	4,3	warm white	suspension				1	
GX056L	136	5,00	2,40	2,40	340,0	199,0	pure white	ground				1	
GX070LR	137	3,90	3,60	3,50	260,0	235,0	warm white / red	ground	flash	pure white	gold / red	11	
GX079L	86	1,50	2,30	2,00	76,0	55,0	pure white	ground	flash	pure white	frosted blue	1	
GX081LW-2	114	5,00	3,85	3,55	245,0	285,0	warm white	ground	starglow	warm white		45	
GX082LW	114	8,00	4,70	4,70	770,0	102,0	warm white	ground	starglow	warm white		107	
GX083LW	114	12,00	6,90	6,90	1870,0	2750,0	warm white	ground	starglow	warm white		194	
GX085LW	142	3,00	2,40	2,40	245,0	92,8	pure white / warm white	ground	stars/flash	pure white	gold / white	11	
GX088L	100	4,00	4,00	2,80	250,0	197,0	multicoloured	ground				8	
GX088L-A	100	4,00	4,00	2,80	290,0	172,0	multicoloured	ground	interactivity / flash	pure white		5	
GX097L	98	2,00	2,00	1,45	60,0	54,0	multicoloured	ground	flash	pure white		1	
GX098L	98	2,70	2,45	1,40	175,0	61,2	multicoloured	ground	stars/flash	pure white	white	2	
GX099L	98	2,40	2,45	1,40	160,0	57,0	multicoloured	ground	stars/flash	pure white	white	1	
GX092L	99	2,20	1,15	0,70	22,0	99,0	warm white / red	ground	flash	pure white		4	
GX093L	99	2,00	1,20	0,60	22,0	52,0	warm white / red	ground	flash	pure white		4	
GX095L	100	2,50	1,00	1,00	57,0	40,0	multicoloured	ground	flash	pure white		1	
GX096L	100	2,00	1,35	1,25	41,0	102,0	warm white / red	ground	flash	pure white		1	
GX097L	98	2,00	1,30	0,60	24,0	60,0	multicoloured	ground		gold		1	
GX098L	96	2,50	1,50	0,90	40,0	54,0	multicoloured	ground		gold		1	
GX101L	68	1,90	3,55	1,00	140,0	130,0	pure white / blue	ground	flash	pure white	white	2	
GX103L	91	2,70	2,90	1,35	95,0	65,5	multicoloured	ground	led	gold / white		3	
GX103L-A	91	2,70	2,95	1,35	155,0	78,5	multicoloured	ground	interactivity / led	gold / white	1		
GX105L	101	2,70	2,30	2,30	70,0	91,0	multicoloured	ground	flash	pure white		3	
GX106L	90	1,80	1,00	0,60	95,0	43,0	pure white / red	ground	flash	pure white	white	1	
GX106L-A	90	1,80	1,00	0,60	100,0	47,0	pure white / red	ground	interactivity / flash	pure white	white	1	
GX107L	88	1,95	2,00	1,50	123,0	73,0	pure white / blue	ground	flash/red	pure white	frosted blue	1	
GX1211-UE	88	1,95	2,00	1,50	125,0	73,0	pure white / blue	ground	flash/led	pure white	frosted blue	1	

Reference	Page	◆	◆	■	◆	□	◆	Led colour	Mounting	Animation	Flash colour	Print	●
GXT14LW	35	1,50	1,20	1,20	30,0	27,0	warm white	suspension	flash	pure white	gold	1	
GXT15LW	96	3,50	1,90	2,00	90,0	88,0	pure white / warm white	ground	flash	pure white	gold / blanc	5	
GXT16LW	59	0,70	0,60	0,00	16,0	5,6	warm white	suspension	anim			1	
GXT17LW	59	2,00	1,50	1,50	130,0	25,6	warm white	suspension	star/flash	warm white	gold	1	
GXT18L	87	2,60	2,18	1,20	24,0	27,4	pure white	ground				2	
GXT19L	87	4,50	5,00	2,45	45,0	81,0	pure white	ground				2	
GXT20L	136	5,00	2,50	2,30	22,0	165,0	multicoloured	ground				24	
GXT32L	93	3,60	2,40	1,90	90,0	97,0	multicoloured	ground	flash	pure white	gold	3	
GXT33L	97	2,80	1,75	1,40	60,0	125,0	multicoloured	ground	flash	pure white	gold	5	
GXT34L	88	2,50	0,65	0,60	25,0	24,0	multicoloured	ground	flash	pure white	gold	1	
GXT45L	84	3,00	2,25	1,85	104,0	76,0	multicoloured	ground	led	white		3	
GXT45L-A	103	3,00	2,25	1,85	104,0	108,0	multicoloured	ground	interactivity / led	white		3	
GXT46L	86	2,50	2,60	1,00	34,0	47,0	pure white / blue	ground	flash	pure white		1	
GXT47L	95	2,20	1,75	1,40	24,0	34,0	multicoloured	ground	flash	pure white		2	
GXT48L	84	2,20	1,80	1,36	94,0	65,0	multicoloured	ground	flash	pure white		2	
GXT49L	95	2,00	1,10	1,10	94,0	78,0	pure white / blue	ground	stars/flash	pure white		2	
GXT50LW	143	0,70	0,00	0,55	5,0	2,7	warm white	ground				1	
GXT51L	97	2,00	1,00	1,00	34,0	38,0	multicoloured	ground	flash	pure white		1	
GXT52L	97	2,00	1,50	0,85	34,0	40,0	multicoloured	ground	flash	pure white		1	
GXT53L	95	1,95	1,90	1,00	106,0	70,0	multicoloured	ground	stars/flash	pure white		1	
GXT54LW	135	4,00	2,00	1,80	212,0	185,0	pure white / warm white	ground	flash	pure white	gold	4	
GXT55LW	134	4,20	0,00	4,00	108,0	309,0	warm white	ground	stars/flash	pure white	gold	6	
GXT56LW	125	2,45	2,10	1,10	14,0	52,0	warm white	ground	flash	pure white	gold	7	
GXT82L	94	4,00	3,35	2,40	180,0	148,0	multicoloured	ground	led	white		8	
GXT82L-A	94	4,00	3,35	2,40	220,0	180,0	multicoloured	ground	interactivity / led	white		8	
GXT94L	99	1,20	2,50	1,20	79,0	82,0	pure white / warm white	ground	led/stars/flash	pure white	gold	1	
GXT95L	87	1,20	2,30	1,20	73,0	92,0	pure white	ground	led/stars/flash	pure white	frosted blue	1	
GXT204L	86	1,60	1,20	0,60	20,0	19,0	pure white / blue	ground				1	
GXT206L	90	1,80	2,20	0,70	28,0	27,0	pure white	ground				1	
GXT210LW	92	0,99	2,35	0,99	50,0	34,0	warm white	ground	flash			1	
GXT242L	146 - 147	3,03	0,00	0,00	104,0	70,0	pure white	ground				3	
GXT300L	153	4,00	4,00	4,00	150,0	84,0	pure white	ground	comet			27	
GXT308L	101	2,09	0,99	0,99	180,0	43,5	pure white / red	ground	stars/flash	pure white		1	
GXT320LB	78	1,00	1,20	0,73	20,0	8,8	pure white / blue	ground				1	
GXT320LG	98	1,00	1,20	0,75	20,0	8,8	warm white / red	ground				1	
GXT320LV	78	1,00	1,20	0,73	20,0	8,8	green	ground				1	
GXT327L	144	1,10	1,00	1,00	25,0	6,6	pure white	ground	flash	pure white		1	
GXT327LW	142	1,10	1,00	1,00	25,0	6,6	warm white	ground	flash	pure white		1	
IP102BB	45	1,00	1,00	0,00	75,0	12,1	pure white / blue	pole	stars/cowlash	pure white	blue	1	
IP102PW	31	3,50	1,00	0,00	110,0	14,0	pure white / warm white	pole	led/flash	warm white		1	
IP103IW	27	2,09	0,99	0,00	55,0	7,0	pure white / warm white	pole	led/clearflash	warm white	gold	1	

Reference	Page	◆	◆	■	◆	□	◆	Led colour	Mounting	Animation	Flash colour	Print	●
IPL036	29	7,70	0,90	0,00	60,0	10,2	pure white	pole	stars/flash	pure white	white	1	
IPL039	65	2,00	0,70	0,00	55,0	5,9	pure white	pole	slowflash	pure white	white	1	
IPL039W	65	2,00	0,70	0,00	55,0	5,9	pure white / warm white	pole	flash	pure white	white	1	
IPL042W	79	3,00	0,85	0,00	75,0	10,0	pure white / warm white	pole	flash	pure white	white	1	
IPL043R	77	1,30	0,90	0,00	51,0	4,8	pure white / red	pole	slowflash	pure white	red	1	
IPL043W	65	1,30	0,90	0,00	61,0	4,8	pure white / warm white	pole	flash	pure white	white	1	
IPL055R	77	2,00	0,80	0,00	55,0	7,7	pure white / red	pole	slowflash	pure white	red	1	
IPL058	79	2,00	0,80	0,00	78,0	9,1	pure white	pole	flash	pure white	white	1	
IPL094W	79	2,00	0,80	0,00	78,0	9,1	warm white	pole	slowflash	warm white	gold	1	
IPL069	51	2,30	0,90	0,00	60,0	10,5	pure white / warm white	pole	stars/flash	pure white	white	1	
IPL070B	45	2,00	0,90	0,00	35,0	6,5	pure white / blue	pole	stars/flash	pure white	blue	1	
IPL070K	61	2,00	0,90	0,00	35,0	6,5	pure white / red	pole	stars/flash	pure white	red	1	
IPL070W	29	2,00	0,90	0,00	35,0	6,5	pure white / warm white	pole	stars/flash	warm white	gold	1	
IPL072W	51	5,00	1,00	0,00	60,0	12,4	pure white / warm white	pole	stars/led/flash	pure white	white	1	
IPL073W	29	5,50	1,00	0,00	65,0	12,8	pure white / warm white	pole	stars/flash	stars/led	gold	1	
IPL075B	45	2,50	0,90	0,00	60,0	8,2	pure white / blue	pole	led/flash	pure white	blue	1	
IPL075W	27	7,30	0,90	0,00	60,0	8,2	pure white / warm white	pole	led/flash	warm white	white	1	
IPL076	77	3,00	1,00	0,00	60,0	12,2	pure white	pole	led/flash	pure white	white	1	
IPL076W	77	3,00	1,00	0,00	60,0	12,2	pure white / warm white	pole	led/flash	warm white	gold	1	
IPL081W	27	2,15	1,30	0,00	45,0	7,0	pure white / warm white	pole	led/flash	warm white	gold	1	
IPL092W	27	1,20	0,60	0,00	50,0	3,6	pure white / warm white	pole	led/flash	warm white	gold	1	
IPL084	51	1,50	0,60	0,00	55,0	4,5	pure white	pole	stars/flash	pure white	white	1	
IPL087W	31	3,00	1,00	0,00	95,0	12,8	pure white / warm white	pole	led/flash	warm white	gold	1	
IPL098	65	1,00	0,60	0,00	65,0	10,8	pure white	pole	led/flash	pure white	white	1	
IPL098R	77	3,00	1,00	0,00	65,0	10,8	pure white / red	pole	led/flash	pure white	red	1	
IPL098W	65	3,00	1,00	0,00	65,0	10,8	pure white / warm white	pole	led/flash	pure white	gold	1	
IPL099W	31	3,00	1,00	0,00	55,0	0,2	pure white / warm white	pole	led/flash	warm white	gold	1	
IPL093W	27	2,30	0,70	0,00	55,0	6,5	pure white / warm white	pole	led/flash	warm white	gold / white	1	
IPL094W	79	3,00	1,00	0,00	70,0	10,8	pure white / warm white	pole	led/flash	warm white	gold	1	
IPL095W	79	2,30	0,70	0,00	70,0	8,5	pure white / warm white	pole	stars/led/flash	warm white	gold	1	
IPL097W	29	2,30	0,70	0,00	50,0	6,6	pure white / warm white	pole	stars/led/flash	pure white / warm white	white	1	
IPL098W	79	3,00	1,00	0,00	65,0	12,4	pure white / warm white	pole	stars/led/flash	warm white	gold	1	
IPL109W	31	2,30	0,90	0,00	65,0	8,1	pure white / warm white	pole	led/flash	pure white / warm white	gold	1	
IPL110	29	2,00	0,85	0,00	50,0	5,1	pure white	pole	slowflash	pure white	white	1	
IPL110W	29	2,00	0,85	0,00	50,0	5,1	pure white / warm white	pole	slowflash	pure white	white	1	
IPL112W	61	2,00	0,90	0,00	50,0	7,8	pure white / warm white	pole	slowflash	warm white	gold	1	
IPL113W	57	2,00	0,90	0,00	55,0	7,5	warm white	pole	slowflash	warm white	gold	1	
IPL114W	57	2,00	0,90	0,00	65,0	8,7	warm white	pole	slowflash	warm white	gold	1	
IPL115W	27	2,00	1,00	0,00	40,0	7,2	pure white / warm white	pole	slowflash	warm white	gold	1	
IPL117W	51	2,80	0,80	0,00	48,0	10,2	pure white / warm white	pole	slowflash	warm white	gold / white	1	
IPL118W	45	3,00	1,00	0,00	60,0	11,2	pure white / blue	pole	slowflash	pure white	blue	1	

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IPL120R	77	3,00	1,00	0,00	60,0	11,2	pure white / red	pole	slowflash	pure white	red	1	
IPL120W	33	3,00	1,00	0,00	60,0	11,2	pure white / warm white	pole	slowflash	warm white	gold	1	
IPL121	45	2,50	0,70	0,00	65,0	8,8	pure white	pole	led/flash	pure white	white	1	
IPL122	41	1,50	0,70	0,00	50,0	4,2	pure white	pole	stars/flash	pure white	frosted blue	1	
IPL123	51	2,80	0,80	0,00	75,0	11,0	pure white	pole	slowflash	pure white	white	1	
IPL124	45	2,00	0,90	0,00	15,0	5,0	pure white	pole	slowflash	pure white	white	1	
IPL125	61	3,00	1,00	0,00	75,0	13,1	pure white	pole	led/flash	pure white	light green	1	
IPL126	41	1,50	0,60	0,00	40,0	5,4	pure white / blue	pole	slowflash	pure white	frosted blue	1	
IPL127W	51	1,50	0,60	0,00	40,0	5,2	pure white / warm white	pole	slowflash	warm white	gold	1	
IPL127W	29	2,00	0,90	0,00	50,0	7,2	warm white	pole	stars/flash	pure white	white	1	
IPL128	53	2,80	0,80	0,00	60,0	8,8	pure white	pole	stars/flash	pure white	white	1	
IPL128W	33	2,80	0,80	0,00	45,0	8,8	warm white	pole	stars/flash	pure white	gold / white	1	
IPL129	43	2,00	0,90	0,00	40,0	7,6	pure white	pole	stars/flash	pure white	frosted blue	1	
IPL129W	25	2,00	0,90	0,00	30,0	6,6	pure white / warm white	pole	stars/flash	warm white	gold	1	
IPL130	43	1,20	0,60	0,00	20,0	4,0	pure white	pole	stars/flash	pure white	frosted blue	1	
IPL130W	25	1,20	0,60	0,00	20,0	3,7	warm white	pole	stars/flash	warm white	gold	1	
IPL131	43	2,80	0,80	0,00	50,0	9,7	pure white	pole	stars/flash	pure white	frosted blue	1	
IPL131W	25	2,80	0,80	0,00	55,0	9,2	warm white	pole	stars/flash	warm white	gold	1	
IPL132	31	2,30	0,70	0,00	55,0	9,0	pure white / warm white	pole	slowflash	pure white	gold	1	
IPL133	25	1,20	0,60	0,00	35,0	3,9	pure white	pole	slowflash	pure white	white	1	
IPL134W	57	2,80	0,80	0,00	50,0	9,7	warm white	pole	slowflash	pure white	gold	1	
IPL135	61	3,00	1,00	0,00	70,0	13,3	pure white	pole	stars/flash	pure white	white	1	
IPL136	61	1,50	0,60	0,00	40,0	4,8	pure white	pole	flash	pure white	white	1	
IPL137	61	2,00	0,90	0,00	50,0	9,6	pure white / warm white	pole	led/flash	pure white	light green	1	
IPL138	61	1,50	0,70	0,00	30,0	4,7	pure white / warm white	pole	led/flash	pure white	light green	1	
IPL139W	58	3,00	1,20	0,00	40,0	13,6	warm white	pole	slowflash	warm white	gold	1	
IPL140W	58	1,60	0,60	0,00	20,0	6,5	warm white	pole	slowflash	warm white	gold	1	
IPL147W	65	1,00	0,70	0,00	25,0	3,4	pure white / warm white	pole	central pole	pure white	white	1	
IPL142R	61	2,00	0,90	0,00	45,0	9,0	pure white / red	pole	stars/flash	pure white	red	1	
IPL145	41	1,50	0,60	0,00	35,0	8,0	pure white	pole	stars/flash	pure white	frosted blue	1	
IPL143W	38	1,50	0,60	0,00	35,0	8,0	pure white / warm white	pole	stars/flash	pure white / warm white	gold	1	
IPL144	43	3,00	1,00	0,00	65,0	18,0	pure white	pole	stars/flash/led	pure white	frosted blue	1	
IPL144W	25	3,00	1,00	0,00	65,0	18,0	pure white / warm white	pole	stars/flash/led	pure white	gold	1	
IPL145W	65	1,20	0,60	0,00	30,0	6,0	warm white	pole	slowflash	warm white	gold	1	
IPL146B	43	2,30	0,90	0,00	65,0	11,0	pur white / blue	pole	slowflash/led	pure white	frosted blue	1	
IPL146R	75	2,30	0,90	0,00	63,0	11,0	pure white / red	pole	slowflash/led	pure white	red	1	
IPL146W	75	2,30	0,90	0,00	63,0	11,0	pure white / warm white	pole	led/flash	pure white	white	1	
IPL147B	43	3,50	1,00	0,00	59,0	10,0	pure white / blue	pole	led/flash	pure white	frosted blue	1	
IPL147R	75	3,50	1,00	0,00	59,0	10,0	pure white / red	pole	led/flash	pure white	red	1	
IPL147W	75	3,50	1,00	0,00	59,0	10,0	pure white / blue	pole	led/flash	pure white	white	1	
IPL148B	43	3,00	1,00	0,00	74,0	15,0	pure white / blue	pole	led/flash/flash	pure white	frosted blue	1	
IPL148R	76	3,00	1,00	0,00	74,0	15,0	pure white / red	pole	led/flash/flash	pure white	red	1	

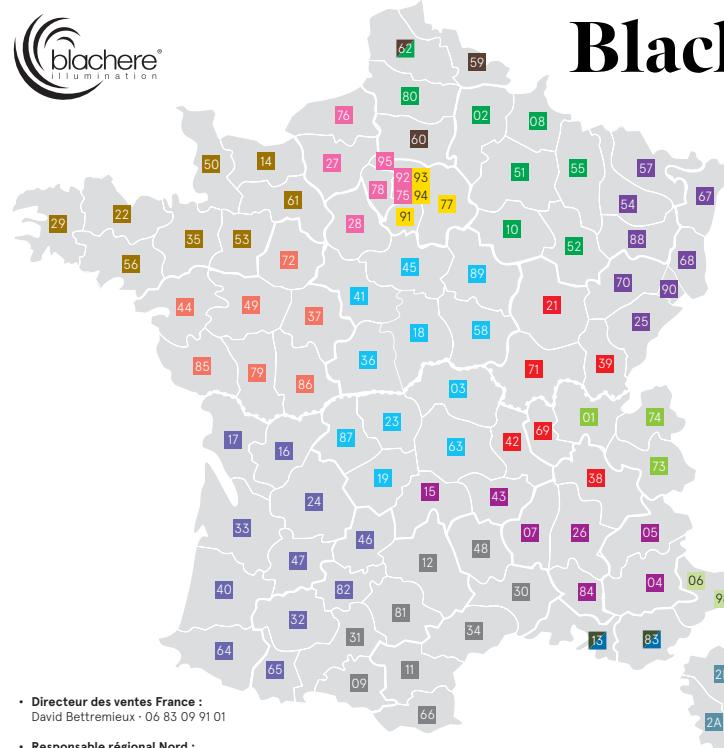
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IPL148W	75	3,00	1,00	0,00	74,0	15,0	pure white / warm white	pole	led/flash	pure white	white	1
IPL149B	41	2,30	0,90	0,00	59,0	11,0	pure white / blue	pole	led/flash	pure white	frosted blue	1
IPL150	41	2,00	0,90	0,00	42,0	9,0	pure white	pole	led/flash	pure white	frosted blue	1
IPL151W	65	2,00	0,90	0,00	58,0	11,0	pure white / warm white	pole	led/flash	pure white / warm white	gold	1
IPL152W	29	2,00	0,90	0,00	79,0	12,0	pure white / warm white	pole	led/flash/flash	pure white / warm white	gold	1
IPL153B	43	2,00	0,90	0,00	59,0	10,0	pure white / blue	pole	led/flash/flash	pure white	frosted blue	1
IPL154R	75	2,00	0,90	0,00	59,0	10,0	pure white / red	pole	led/flash/flash	pure white	red	1
IPL155W	75	2,00	0,90	0,00	59,0	10,0	pure white / warm white	pole	led/flash	pure white	white	1
IPL156	41	3,00	1,00	0,00	43,0	15,0	pure white	pole	flash	pure white	frosted blue	1
ITGL100	34	1,50	1,20	1,20	65,0	16,6	pure white	suspension	anim/led/flash	pure white	white	5
ITGL101W	34	0,95	0,90	0,00	20,0	3,8	warm white	suspension	anim/led/flash	warm white	gold	1
ITGL102	71	0,40	0,40	0,24	15,0	1,5	pure white	suspension		white	1	
ITGL102W	71	0,40	0,40	0,24	15,0	1,5	warm white	suspension		gold	1	
ITGL104	72	0,50	0,50	0,26	10,0	1,7	pure white	suspension	led/flash	pure white	white	2
ITGL104W	72	0,50	0,50	0,26	10,0	1,7	warm white	suspension	led/flash	warm white	gold	2
ITGL106	72	0,80	0,80	0,40	20,0	3,2	pure white	suspension	led/flash	pure white	white	2
ITGL109W	72	0,80	0,80	0,40	20,0	3,2	warm white	suspension	led/flash	warm white	gold	2
ITGL107	73	0,50	0,50	0,26	15,0	2,6	pure white	suspension	led/flash	pure white	frosted blue	2
ITGL108	73	0,80	0,80	0,40	25,0	6,0	pure white	suspension	led/flash	pure white	frosted blue	2
ITGL111	70	0,80	0,80	0,48	15,0	1,9	pure white	suspension		white	2	
ITGL111W	70	0,80	0,80	0,48	15,0	1,9	warm white	suspension		gold	2	
ITGL112	70	0,80	0,80	0,38	8,0	1,5	pure white	suspension		white	2	
ITGL112W	70	0,80	0,80	0,18	8,0	1,5	warm white	suspension		gold	2	
ITGL117R	73	0,40	0,60	0,46	8,0	2,0	red	suspension		red	1	
ITGL150W	73	0,80	0,70	0,24	26,0	5,0	warm white	suspension		gold	1	
ITGL151	71	0,80	0,40	0,26	11,0	2,0	pure white	suspension		white	2	
ITGL151W	71	0,80	0,40	0,26	11,0	2,0	warm white	suspension		gold	2	
ITGL152B	72	0,50	0,50	0,26	11,0	1,7	blue	suspension	led/flash	pure white	blue	2
ITGL152R	72	0,50	0,50	0,26	11,0	1,7	red	suspension	led/flash	pure white	red	2
ITGL153B	72	0,80	0,80	0,40	22,0	3,2	blue	suspension	led/flash	pure white	blue	2
ITGL153R	72	0,80	0,80	0,40	22,0	3,2	red	suspension	led/flash	pure white	red	2
ITL009	78	0,90	3,50	0,00	80,0	10,9	warm white / red	transverse		gold	1	
ITL016	46	3,10	3,10	0,00	200,0	25,7	pure white	suspension	flash	pure white	white	2
ITL016W	48	3,10	3,10	0,00	200,0	25,7	pure white / warm white	suspension	flash	pure white	white	2
ITL020B	47	1,00	0,85	0,00	40,0	4,5	pure white / blue	suspension	led/flash	pure white	blue	1
ITL020W	49	1,00	0,85	0,00	40,0	4,5	pure white / warm white	suspension	led/flash	pure white	white	1
ITL021	47	1,25	1,25	0,00	55,0	4,6	pure white	suspension		white	1	
ITL022	47	1,00	0,85	0,00	30,0	3,0	pure white	suspension		white	1	
ITL022W	49	1,00	0,85	0,00	30,0	3,0	warm white	suspension		white	1	
ITL023W	81	1,00	1,00	0,00	10,0	1,7	warm white	suspension	flash	pure white	white	1
ITL027W	81	1,00	0,70	0,00	25,0	3,1	pure white / warm white	transverse	flash	pure white	white	1
ITL028B	44	1,00	6,00	0,00	150,0	25,3	pure white / blue	transverse	stars/led/flash	pure white	white	2
ITL033W	28	1,60	6,00	0,00	185,0	28,6	pure white / warm white	transverse	flash	pure white	white	2

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ITL035	28	0,90	5,50	0,00	100,0	19,9	pure white	transverse	stars/led/flash	pure white	white	2
ITL043W	24	1,55	4,60	0,00	27,0	28,2	pure white / warm white	transverse	flash	pure white	white	1
ITL051	58	0,30	0,30	0,00	5,0	1,0	pure white	suspension	flash	pure white	white	1
ITL051B	58	0,30	0,30	0,00	5,0	1,0	pure white / blue	suspension	led/flash	pure white	blue	1
ITL051R	58	0,30	0,30	0,00	5,0	1,0	red	suspension	led/flash	pure white	red	1
ITL051W	58	0,30	0,30	0,00	5,0	1,0	warm white	suspension	led/flash	pure white	warm white	1
ITL052	58	0,60	0,60	0,00	10,0	1,6	pure white	suspension	flash	pure white	white	1
ITL052B	58	0,60	0,60	0,00	10,0	1,6	blue	suspension	led/flash	pure white	blue	1
ITL052R	58	0,60	0,60	0,00	10,0	1,6	red	suspension	led/flash	pure white	red	1
ITL053W	58	0,60	0,60	0,00	10,0	1,6	warm white	suspension	led/flash	pure white	warm white	1
ITL053	58	1,00	1,00	0,00	20,0	3,2	pure white	suspension	flash	pure white	white	1
ITL053B	58	1,00	1,00	0,00	20,0	3,2	blue	suspension	led/flash	pure white	blue	1
ITL053R	58	1,00	1,00	0,00	20,0	3,2	red	suspension	led/flash	pure white	red	1
ITL053W	58	1,00	1,00	0,00	20,0	3,2	warm white	suspension	led/flash	pure white	warm white	1
ITL054	28	1,20	4,95	0,00	170,0	20,5	pure white	transverse	led/flash	pure white	white	2
ITL055R	76	0,75	4,00	0,00	105,0	14,9	pure white / red	transverse	led/flash	pure white	red	2
ITL056W	78	0,85	4,10	0,00	140,0	17,5	pure white / warm white	transverse	led/flash	pure white	gold	2
ITL059W	28	1,20	4,95	0,00	155,0	23,0	pure white / warm white	transverse	flash	pure white	white	2
ITL061	44	0,90	3,50	0,00	80,0	10,8	pure white	transverse		white	1	
ITL072W	50	1,00	6,00	0,00	120,0	24,5	pure white / warm white	transverse	stars/led/flash	pure white	white	2
ITL073W	28	1,00	7,00	0,00	130,0	26,4	pure white / warm white	transverse	stars/led/flash	pure white	gold	2
ITL076W	76	1,00	6,00	0,00	140,0	23,4	pure white / warm white	transverse	led/flash	pure white	gold	2
ITL077W	30	1,20	6,00	0,00	160,0	25,3	pure white / warm white	transverse	led/flash	pure white	gold	2
ITL082R	81	0,90	0,90	0,00	35,0	3,3	pure white / warm white	suspension	led/flash	pure white	warm white	1
ITL083W	81	1,10	1,10	0,00	35,0	4,9	pure white / warm white	suspension	led/flash	pure white / warm white	gold	1
ITL084W	81	0,85	0,70	0,00	20,0	2,2	warm white	suspension	led/flash	pure white	gold	1
ITL089W	30	1,00	6,00	0,00	85,0	21,3	pure white / warm white	transverse	led/flash	pure white	gold	2
ITL094W	78	1,20	6,00	0,00	195,0	26,4	pure white / warm white	transverse	led/flash	pure white	gold	3
ITL095W	78	0,70	4,60	0,00	140,0	17,2	pure white / warm white	transverse	led/flash	pure white	gold	2
ITL101	46	2,00	2,00	0,00	150,0	18,0	pure white	suspension	led/flash	pure white	frosted blue	2
ITL101W	48	2,00	2,00	0,00	150,0	18,0	pure white / warm white	suspension	led/flash	pure white	gold	2
ITL102	47	1,00	1,00	0,00	45,0	5,8	pure white / blue	suspension	led/flash	pure white	frosted blue	1
ITL102W	49	1,00	1,00	0,00	45,0	5,8	pure white / warm white	suspension	led/flash	pure white	gold	1
ITL103	47	1,10	0,80	0,00	50,0	4,1	pure white	suspension	led/flash	pure white	white	1
ITL105	44	1,20	5,00	0,00	110,0	24,2	pure white / blue	transverse	stars/led/flash	pure white	white	2
ITL107	81	1,10	1,10	0,00	45,0	5,4	pure white	transverse		white	1	
ITL108	50	0,70	5,00	0,00	80,0	10,8	pure white	transverse	led/flash	pure white	gold	1
ITL109W	81	1,10	1,10	0,00	35,0	4,9	warm white	suspension	led/flash	pure white	white	1
ITL102W	60	0,90	4,00	0,00	100,0	15,6	pure white / warm white	transverse	led/flash	pure white	gold	2
ITL113W	56	0,85	4,00	0,00	110,0	15,1	warm white	transverse	led/flash	pure white	gold	2
ITL114W	56	0,90	4,00	0,00	130,0	18,0	warm white	transverse	led/flash	pure white	gold	2
ITL115	47	0,50	0,40	0,00	16,0	4,0	pure white	transverse		white	1	
ITL115W	49	0,50	0,40	0,00	16,0	4,0	warm white	transverse		white	1	

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ITL19W	50	1,00	5,00	0,00	155,0	24,0	pure white / warm white	transverse	stars/flash	warm white	gold / white	3
ITL19W	50	1,20	4,00	0,00	110,0	22,7	pure white / warm white	transverse	stars/flash	pure white	white	2
ITL120	52	1,00	6,00	0,00	110,0	23,4	pure white	transverse	slow flash	pure white	white	2
ITL120B	44	1,05	6,00	0,00	115,0	23,4	pure white / blue	transverse	slow flash	pure white	blue	2
ITL120R	76	1,00	6,00	0,00	115,0	23,4	pure white / red	transverse	slow flash	pure white	red	2
ITL120W	52	1,00	6,00	0,00	110,0	23,4	pure white / warm white	transverse	slow flash	warm white	gold	2
ITL126	40	1,00	3,00	0,00	100,0	16,5	pure white / blue	transverse	stars/flash	pure white	frosted blue	1
ITL127	52	1,20	4,00	0,00	110,0	17,4	pure white	transverse	stars/flash	pure white	white	2
ITL127W	32	1,20	4,00	0,00	110,0	17,4	warm white	transverse	stars/flash	pure white	white	2
ITL129	42	1,20	4,00	0,00	100,0	18,0	pure white	transverse	stars/flash	pure white	frosted blue	2
ITL129W	24	1,20	4,00	0,00	100,0	18,0	pure white / warm white	transverse	stars/flash	warm white	gold	2
ITL130	42	1,00	3,00	0,00	80,0	15,1	pure white	transverse	stars/flash	pure white	frosted blue	1
ITL130W	24	1,00	3,00	0,00	80,0	15,1	pure white / warm white	transverse	stars/flash	warm white	gold	1
ITL132W	30	1,20	4,00	0,00	130,0	19,5	pure white / warm white	transverse	stars/flash	warm white	gold	2
ITL135	40	1,00	6,00	0,00	130,0	24,0	pure white	transverse	stars/flash	pure white	white	2
ITL136	60	0,60	5,00	0,00	70,0	10,0	pure white	transverse	flash	pure white	white	2
ITL137	60	0,90	4,00	0,00	100,0	19,6	pure white / warm white	transverse	stars/flash	pure white	light green	2
ITL159W	24	0,90	4,00	0,00	107,0	17,0	pure white / warm white	transverse	stars/flash	pure white / warm white	gold	2
ITL159B	42	0,90	4,00	0,00	118,0	20,0	pure white / blue	transverse	stars/flash	pure white	frosted blue	2
ITL159B	74	0,90	4,00	0,00	118,0	20,0	pure white / red	transverse	stars/flash	pure white	red	2
ITL159W	74	0,90	4,00	0,00	118,0	20,0	pure white / warm white	transverse	stars/flash	pure white	white	2
ITL160	40	1,00	6,00	0,00	85,0	31,0	pure white	transverse	flash	pure white	frosted blue	2
ITL161	42	1,25	6,00	0,00	126,0	27,0	pure white	transverse	stars/flash	pure white	frosted blue	2
ITL167W	24	1,25	6,00	0,00	126,0	27,0	pure white / warm white	transverse	stars/flash	warm white	gold	2
ITL162W	44	1,25	6,00	0,00	204,0	27,0	pure white / warm white	transverse	stars/flash	pure white / warm white	gold	2
ITL163	40	1,25	6,00	0,00	165,0	32,0	pure white / blue	transverse	stars/flash/stars	pure white	frosted blue	2
ITL164W	64	1,00	4,00	0,00	185,0	24,0	pure white / warm white	transverse	stars/flash	warm white	gold	2
ITL165W	64	1,00	3,00	0,00	122,0	19,0	pure white / warm white	transverse	stars/flash	warm white	gold	1
ITL166B	42	1,00	5,00	0,00	66,0	16,0	pure white	transverse	stars/flash/flash	pure white	frosted blue	1
ITL166R	74	1,00	3,00	0,00	66,0	16,0	pure white / red	transverse	stars/flash/flash	pure white	red	1
ITL166W	74	1,00	3,00	0,00	66,0	16,0	pure white / warm white	transverse	stars/flash	pure white	white	1
ITL167	40	1,20	4,00	0,00	153,0	30,0	pure white / blue	transverse	stars	pure white	frosted blue	2
PZL250	51	1,80	0,90	0,00	24,0	4,4	pure white	pole	stars/flash	pure white		1
PZL250B	45	1,80	0,90	0,00	24,0	1,6	pure white / blue	central pole	stars/flash	pure white		1
PZL250W	29	1,80	0,90	0,00	24,0	4,6	pure white / warm white	pole	stars/flash	pure white		2
PZL44	45	0,60	0,95	0,00	10,0	5,3	pure white	central pole	flash	pure white		6
PZL44W	57	0,40	0,95	0,00	10,0	5,3	warm white	central pole	flash	pure white		6
PZL45	59	1,30	1,00	0,00	10,0	6,9	warm white	central pole	flash	pure white		1
PUP/TRE1	102-103	1,14	0,39	0,00	—	16,5	pure white	ground				1
SD014	107	2,92	2,53	0,87	40,0	14,0	pure white / warm white	ground	stars/flash	pure white		5
SD015	107	2,30	2,55	0,87	25,0	20,0	pure white	ground	stars/flash	pure white		4
SD016	107	1,80	0,80	0,00	16,0	6,0	pure white	ground	flash	pure white	white	3
SD017	107	1,80	1,15	0,00	20,0	9,0	pure white	ground	flash	pure white	white	3

Reference	Page	◆	◆	■	❖	☒	Led colour	Mounting	Animation	Flash colour	Print	●
SC018	107	1,70	0,95	0,00	20,0	7,5	pure white / warm white	ground	flash	pure white	gold / white	3
SC019	107	1,90	1,50	0,00	30,0	9,6	pure white	ground	flash	pure white	light green	3
SC020	107	1,64	1,35	0,00	15,0	7,2	pure white	ground	flash	pure white	white	3
SC021	107	1,50	1,25	0,00	20,0	6,6	warm white	ground	flash	pure white	gold	3
SC022	107	0,90	1,45	0,00	27,0	8,6	pure white / red	ground	stars/flash	pure white	red	3
SC023	107	1,00	1,75	0,00	25,0	7,8	pure white	ground	flash	pure white	blue	1
SC024	107	1,70	0,70	0,00	32,0	10,0	pure white / warm white	ground	flash	pure white	gold / white	3
SC025	107	1,57	1,00	0,00	22,0	11,0	pure white	ground	flash	pure white	red / white	3
SL005	131	5,00	5,30	3,30	100,0	205,0	pure white	ground	flash	pure white		7
SL005W	131	5,00	3,30	3,30	100,0	205,0	warm white	ground	flash	pure white		7
SL006	129	5,00	3,00	3,00	210,0	65,2	pure white	ground	stars/flash	pure white	white	5
SL006B	129	5,00	3,00	3,00	210,0	65,2	pure white / blue	ground	stars/flash	pure white	white	5
SL009W	127	5,00	3,00	3,00	210,0	63,2	pure white / warm white	ground	stars/flash	pure white	white	3
SL012	120	1,30	2,50	0,00	25,0	8,0	pure white	ground	flash	pure white		1
SL012W	120	1,30	2,50	0,00	25,0	8,0	warm white	ground	flash	pure white		1
SL015	143	2,00	3,50	0,00	45,0	6,0	pure white	ground	flash	pure white		1
SL015W	143	2,00	3,50	0,00	45,0	6,0	warm white	ground	flash	pure white		1
SL016	139	4,55	4,50	0,90	65,0	130,0	warm white	ground	interactive/flash	pure white		8
SL017	139	4,80	5,15	0,00	310,0	108,0	pure white / warm white	ground	interactive/comet/flash	pure white		7
SL018	139	4,60	4,50	0,00	340,0	125,0	pure white / blue	ground	interactive/comet/flash	pure white	blue	9
SL019R	137	2,75	3,00	2,25	200,0	190,0	pure white / red	ground	flash	pure white	white	3
SL024	129	2,00	1,70	1,70	87,0	35,0	pure white	ground	flash	pure white	white	3
SL025B	129	2,00	1,55	1,55	180,0	23,6	pure white / blue	ground	stars/flash	pure white	blue	4
SL026	129	3,00	2,40	2,40	300,0	44,4	pure white	ground	flash	pure white	white	4
SL032	143	1,40	0,00	1,65	40,0	7,6	pure white	ground	flash	pure white		4
SL032W	143	1,40	0,00	1,65	40,0	7,6	warm white	ground	flash	pure white		4
SL033	143	2,10	0,00	2,50	45,0	8,8	pure white	ground	flash	pure white		4
SL033W	143	2,10	0,00	2,50	45,0	8,8	warm white	ground	flash	pure white		4
SL034W	158	3,45	5,00	0,00	185,0	209,0	pure white / warm white	ground	flash	pure white		6
SL055W	144	2,00	2,10	0,60	60,0	22,5	pure white / warm white	ground	comet/flash	pure white		1
SL056	144	2,90	0,90	1,00	21,0	32,0	pure white	ground	flash	pure white	white	2
SL056W	125	2,90	0,90	1,00	21,0	32,0	warm white	ground	flash	pure white	gold	2
SL037W	142	2,90	1,10	1,00	20,0	24,0	pure white / warm white	ground	flash	pure white	gold	3
SL038B	94	1,30	0,90	0,90	20,0	17,5	warm white	ground		blue/white	7	
SL038R	92	1,20	0,90	0,90	20,0	17,5	warm white	ground		red / white	7	
SL038W	91	1,30	0,90	0,90	20,0	17,5	warm white	ground		gold / white	7	
SL039W	150	5,00	1,65	0,40	20,0	40,0	warm white	ground	flash	pure white		2
SL040	141	2,00	4,00	4,00	140,0	55,0	pure white / blue	ground	comet/flash	pure white	frosted blue	9
SL041W	119	3,00	2,40	2,40	125,0	72,0	warm white	ground	glow/glow	green	6	
SL043W	119	2,80	2,20	0,00	172,0	72,0	warm white	ground	flash	pure white	gold	13
SL134	144-147	3,45	0,00	5,00	38,0	257,0	pure white	ground	flash	pure white	white	4
SLE101OW	126	7,50	3,40	3,40	265,0	192,0	warm white	ground	flash	pure white	white	7
SD016	121	2,70	0,90	0,90	30,0	25,5	pure white / warm white	ground	stars/flash	pure white	gold	2

Reference	Page	◆	◆	■	■	☒	☒	Led colour	Mounting	Animation	Flash colour	Print	●
SND017	120	6.25	2.20	2.20	276,0	170,0	pure white / warm white	ground	stars/flash	pure white	gold / white	6	
SND018	105	2.70	0.90	0.90	360,0	25,5	pure white / warm white	ground	stars/flash	pure white	white	3	
SND019	120	6.25	2.20	2.20	276,0	170,0	pure white / warm white	ground	stars/flash	pure white	gold / white	6	
SND020	121	2.70	0.90	0.90	30,0	25,5	pure white	ground	stars/flash	pure white	frosted blue	2	
SND021	118	5.50	2.50	2.50	326,0	172,0	multicoloured	ground	stars/flash	pure white	white	16	
SND022	101	8,00	2.70	2.70	500,0	315,0	pure white / warm white	ground	stars/comet/flash	pure white	white	8	
SV1401	106	10,00	3,43	3,43	248,0	965,0	pure white	ground	flash	pure white	white	23	
SV1401W	104	10,00	3,43	3,43	248,0	965,0	warm white	ground	flash	pure white	white	23	
SV1201-P	106	12,00	4,08	4,08	440,0	1427,0	pure white	ground	flash	pure white	white	18	
SV1201W-P	106	12,00	4,08	4,08	440,0	1427,0	warm white	ground	flash	pure white	white	19	
SV1401	104	14,35	9,80	9,80	640,0	4462,0	pure white	ground	flash	pure white	white	41	
SV1401W	106	14,35	9,80	9,80	640,0	4462,0	warm white	ground	flash	pure white	white	47	
SV1401R	106	14,35	9,80	9,80	640,0	4462,0	warm white	ground	flash	pure white	white	47	
SV501	122	3,00	1,20	1,20	24,0	41,0	pure white	ground	flash	pure white	white	1	
SV501W	122	3,00	1,20	1,20	24,0	41,0	warm white	ground	flash	pure white	white	1	
SV502	128	3,50	0,00	1,20	115,0	64,0	pure white	ground	stars/flash	pure white	frosted blue / white	1	
SV502W	127	3,50	0,00	1,20	115,0	64,0	warm white	ground	stars/flash	pure white	gold / white	3	
SV303	128	3,00	0,00	1,15	87,0	55,0	pure white	ground	stars/flash	pure white	frosted blue	2	
SV303W	127	3,00	0,00	1,15	87,0	55,0	pure white / warm white	ground	stars/flash	pure white	gold	2	
SV503	102	5,00	1,80	1,80	60,0	250,0	pure white	ground	flash	pure white	white	7	
SV503W	106	5,00	1,80	1,80	60,0	250,0	warm white	ground	flash	pure white	white	7	
SV502	128	6,00	1,90	1,90	185,0	97,0	pure white / blue	ground	flash	pure white	frosted blue	6	
SV502W	128	6,00	1,90	1,90	185,0	97,0	warm white	ground	flash	pure white	gold / white	6	
SV503R/GB	124	6,50	1,80	190,0	235,0	RGB	ground	RGB	pure white	white	9		
SV801-P	122	8,00	2,78	2,78	200,0	619,0	pure white	ground	flash	pure white	white	17	
SV801W-P	104	8,00	2,78	2,78	200,0	619,0	warm white	ground	flash	pure white	white	17	
TGL139W	35	1,50	1,50	1,50	120,0	18,3	pure white / warm white	suspension	flash	pure white	white	1	
TGL170L	80	0,60	0,60	0,60	50,0	4,0	pure white	suspension	flash	pure white	white	1	
TGL170LW	80	0,60	0,60	0,60	50,0	4,0	warm white	suspension	flash	pure white	white	1	
TGL170LW	80	1,00	1,00	1,00	75,0	10,9	pure white	suspension	flash	pure white	white	1	
TGL170LW	80	1,00	1,00	1,00	75,0	10,9	warm white	suspension	flash	pure white	white	1	
TGL170LW	80	1,60	1,60	1,60	165,0	24,8	pure white	suspension	flash	pure white	white	1	
TGL211W	80	1,60	1,60	1,60	165,0	24,8	warm white	suspension	flash	pure white	white	1	
TL311W	43	2,10	1,65	0,50	180,0	22,0	warm white	wall	flash	pure white	white	3	
TL313W	65	0,80	2,00	0,00	49,0	8,0	warm white	wall	flash	pure white	white	1	
TL345W	56	1,50	6,00	0,00	110,0	27,4	warm white	transversal	flash	pure white	white	8	



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# Summer range

## For a colourful summer season

Discover our new summer collection! This colourful, 100% recyclable, biodegradable collection made from biosourced GMO-free sugar cane is designed to make urban environments more dynamic and to decorate them when the warm days are back again.



The image shows a street scene with large, yellow, wireframe butterfly decorations hanging from trees. To the right is a catalog page for "Suspensions végétales 2D". The catalog page features three leaf-shaped decorations labeled ITL140, ITL139, and ITL141. A "BIO" logo is in the top right corner. The page includes a table with product details:

Référence	Description	Couleur	Hauteur	Largueur	Poids
ITL139	vég1	jaune	1m	0.45m	
ITL140	vég2	jaune	1m	0.45m	
ITL141	vég3	jaune	1,40m	0.70m	

*info produit*

# Going paper-free

Here at Blachere, above and beyond just being deeply concerned about sustainable development and our carbon footprint, we are constantly looking for ways to increase the efficiency of the tools we use, which has naturally led us towards going paper-free.

Though the «zero paper» business is somewhat of a Utopian ideal, going paper-free considerably reduces the amount of printouts we produce and, as a consequence, our impact on the environment. The paper tools we do continue to use are printed on paper from sustainably managed forests at our «Imprim'vert» accredited printers.

Our interactive catalogue, available on our website or by email on request, gives you access to multiple additional media: videos of our decorations and installations, how they look in the daytime, work in progress photos and technical information about the products.

Visit us at [www.blachere-illumination.com](http://www.blachere-illumination.com)





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