blachere®
illumination

SUMMER RANGE

SUMMARY

NEW IDEAS FOR SUMMER

PATTERN

SUMMER COLLECTION

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, we are now revolutionize our illuminations thanks to BioPrint - a recyclable and biodegradable material.

The eco-design of our decorations as a priority.
Our 2D decorations are equipped with a recycled and recyclable aluminium frame designed to support the structure and printed with our wide-format printers in Bioprint. 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 manufacturing process 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 **RECYCLABLE AND BIODEGRADABLE STRUCTURE**

The lighting components are wired onto a structure entirely made from our revolutionary new **eco-responsible material, available in different colours.**
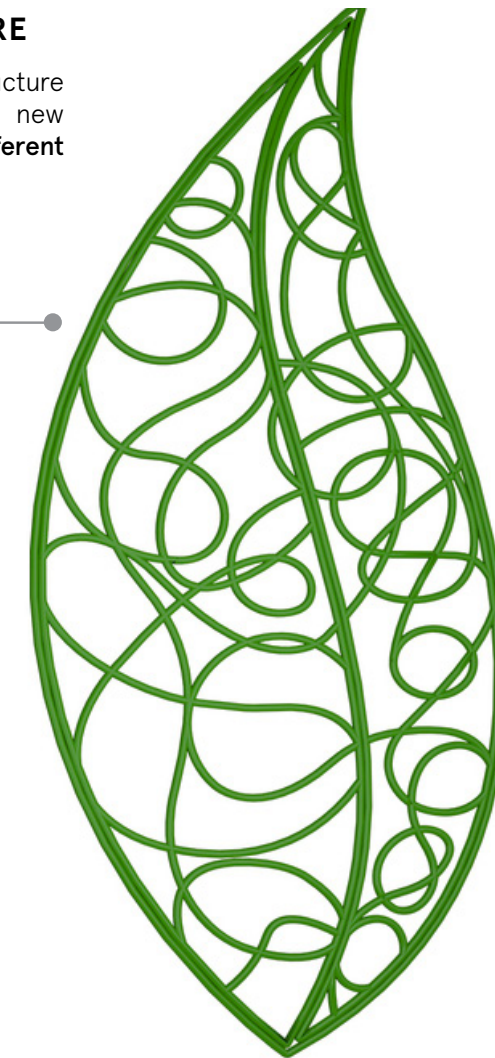
RECYCLED ALUMINIUM FRAME

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

BIO PRINT
by Blachere Illumination

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 this 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.

Bioprint granule
decomposition stages

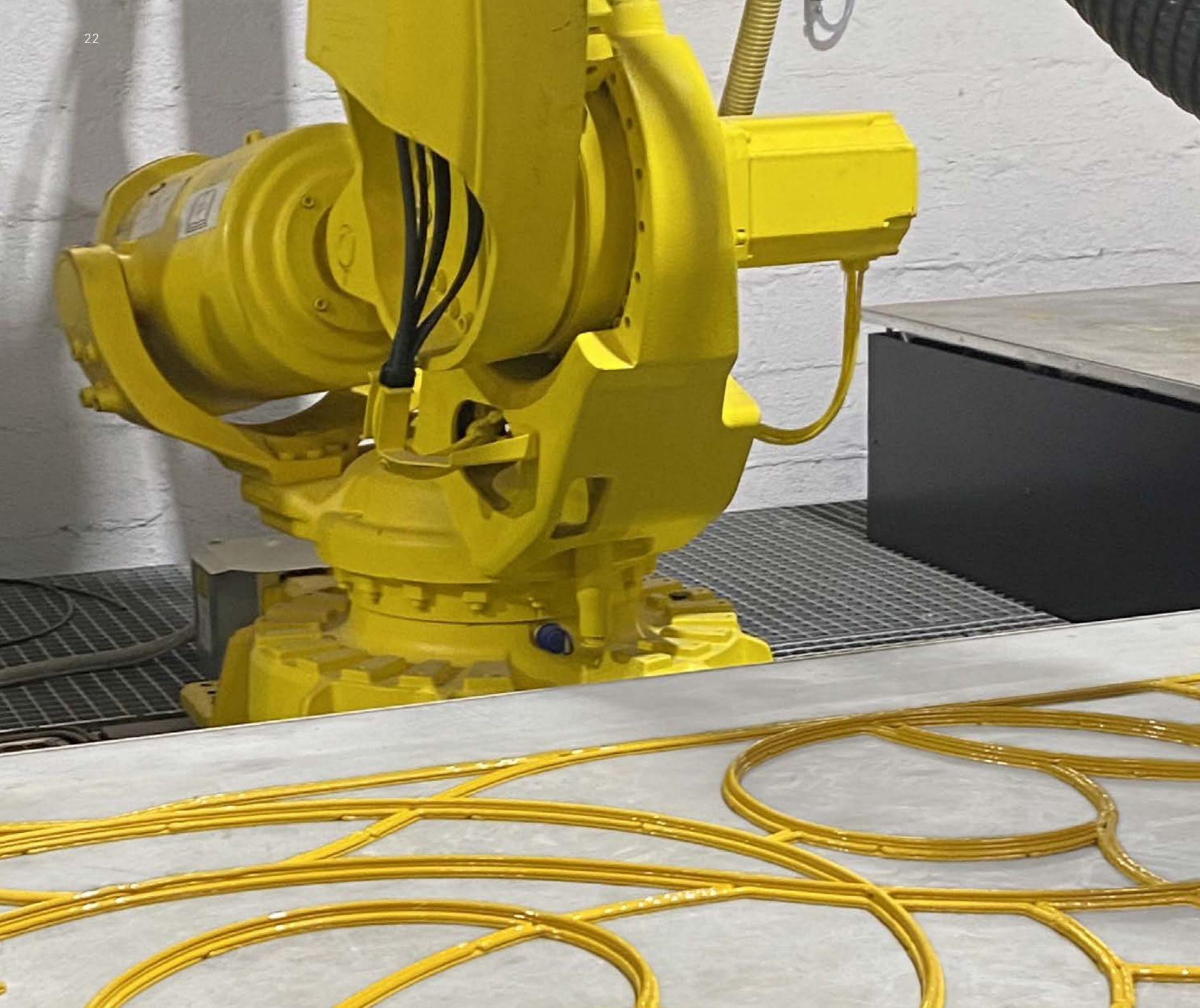**RECYCLABLE & BIODEGRADABLE**
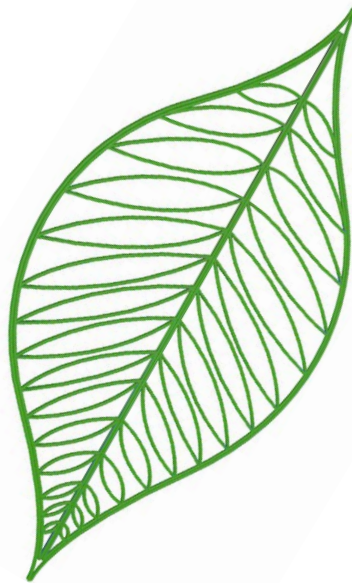
ORGANICALLY SOURCED

CERTIFIED AS GMO-FREE

IK10   UV
RESISTANCE

2D vegetal suspensions

BIO PRINT
by Blachère Illumination

ITL140   ITL139   ITL141

product info

Our Bioprint decorations are 100% recyclable and biodegradable.

These clean dyed ceiling lights come in different colours, giving streets and facades a colourful touch whether lit or unlit.

Reference	Description	Colour	Height	Width
ITL139	vege1	●	1m	0,45m
ITL140	vege2	●	1m	0,45m
ITL141	vege3	●	1,40m	0,70m

Other ideas

2D marine suspensions

BIO PRINT
by Blachère Illumination

| ITL143 | ITL144 | ITL145 | ITL146 |

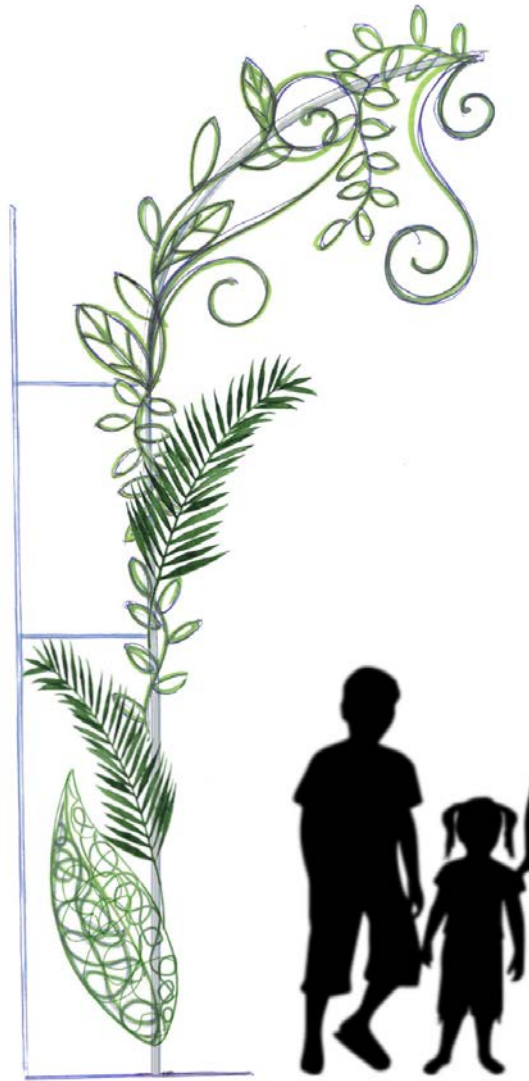| Reference	Description	Colour	Height	Width
ITL143	marin1	●	0,80m	0,80m
ITL144	marin2	●	0,90m	1,45m
ITL145	marin3	●	1m	0,54m
ITL146	marin4	●	0,76m	1m

product info

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These clean dyed ceiling lights come in different colours, giving streets and facades a colourful touch whether lit or unlit.
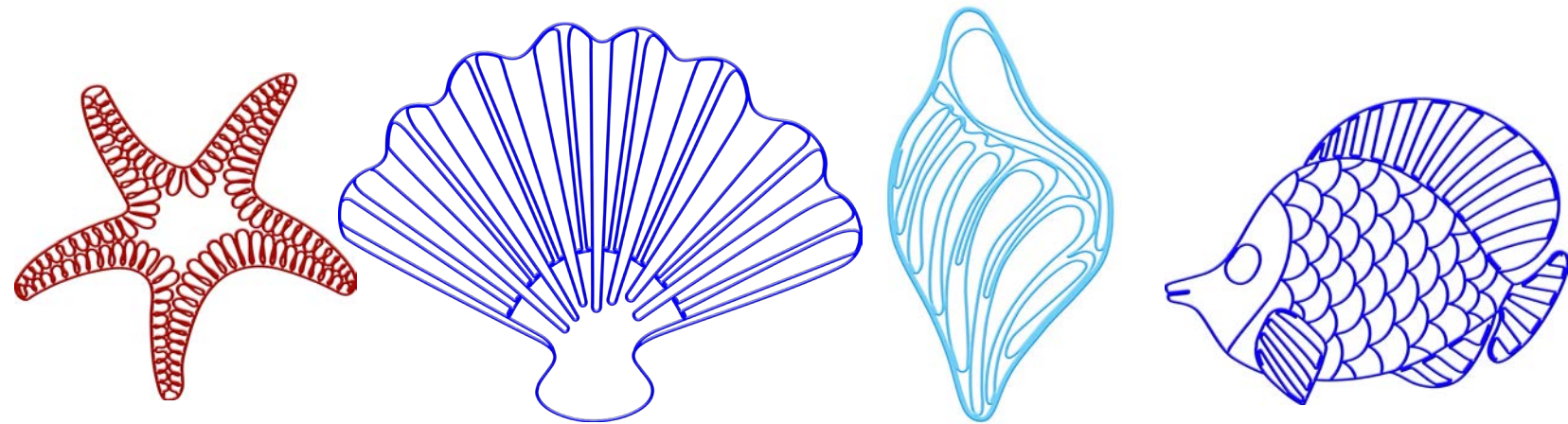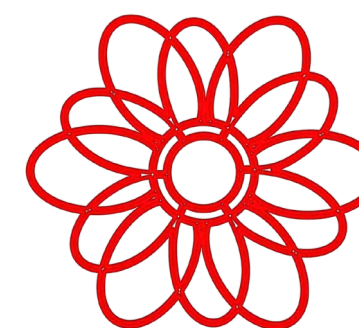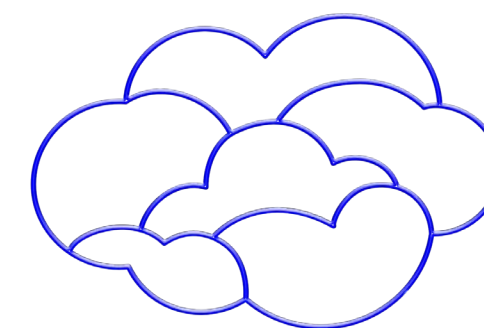
Other ideas

2D suspensions

ITL147	ITL148	ITL149
ITL150	ITL151	ITL152

Reference	Description	Colour	Height	Width
ITL147	flower1	●	0,80m	0,80m
ITL148	flower2	●	0,80m	0,80m
ITL149	flower3	●	0,80m	0,80m
ITL150	flower4	●	0,80m	0,80m
ITL151	flower5	●	0,80m	0,90m
ITL152	cloud	●	0,80m	1,20m

product info

Our Bioprint decorations are 100% recyclable and biodegradable.

These clean dyed ceiling lights come in different colours, giving streets and facades a colourful touch whether lit or unlit.
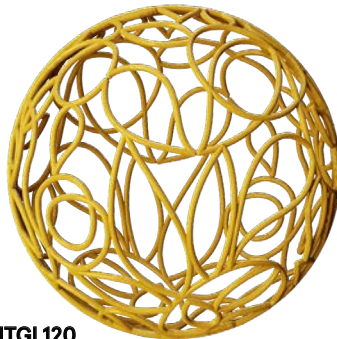
BIO PRINT
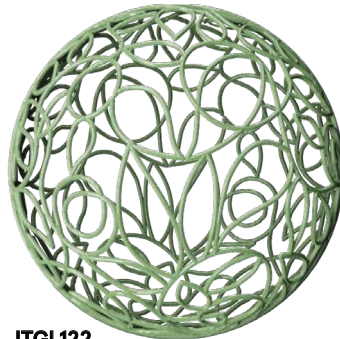by Blachere Illumination

3D suspensions

BIO PRINT
by Blachère Illumination

ITGL119

ITGL124
ITGL125

ITGL126

ITGL120

ITGL122
ITGL123
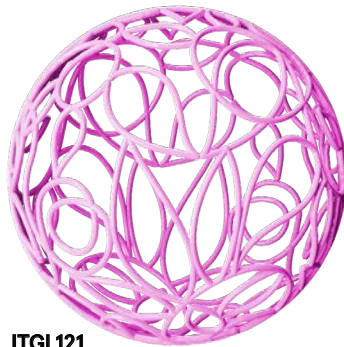
ITGL121

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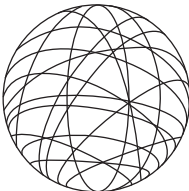
Front view   Side view

Reference	Description	Colour	Height	Width	Depth
ITGL119	summer love	●	0,60m	0,60m	0,46m
ITGL124	sphere vege1	○	0,50m	0,50m	0,26m
ITGL125	sphere vege2	○	0,80m	0,80m	0,40m
ITGL126	sphere flower	●	0,80m	0,80m	0,40m
ITGL120	sphere vege3	●	0,80m	0,80m	0,40m
ITGL122	sphere vege4	●	0,50m	0,50m	0,26m
ITGL123	sphere vege5	●	0,80m	0,80m	0,40m
ITGL121	sphere vege6	●	0,50m	0,50m	0,26m

3D suspensions

BIO PRINT
by Blachere Illumination
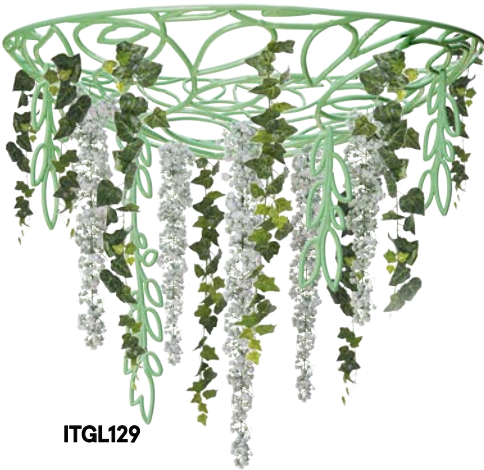
ITGL127

ITGL128

ITGL129

Reference	Description	Colour	Height	Width	Depth
ITGL127	umbrella	🔴	1m	0,80m	0,80m
ITGL128	butterfly	🟡	0,74m	1m	0,74m
ITGL129	vasque	🟢	1,20m	0,80m	0,80m

GARLANDS

Sparklight® Led+ garlands static

requires 230V power supply cable L: 1,50m FY08+ type...
and bridge rectifier FY043+ type... see page 44-45

FY08...   FY043A...   2 x 10m

product info

Blachere exclusive
- Protected model
- High brightness
- Shock resistant IK06
- Long lifespan
- Homogeneous colour
- IP 66/69 protection rating. Maximum rating allowed for a 230V product.
- Flexible connectivity thanks to the extensive Octoplus 230V by Blachere range

2 YEARS GUARANTEE
conditions : contact us

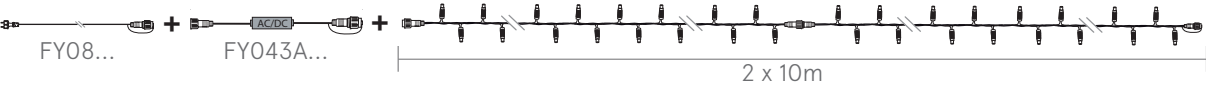| ◆	LED	P (W)	▭	□	■
20,00 m	160 ○	11,5	100m	FL590-B+	FL590+
20,00 m	160 ○ (yellow)	11,5	100m	FL590W-B+	FL590W+
20,00 m	160 ● (blue)	11,5	100m		FL590BL+
20,00 m	160 ● (red)	11,5	100m		FL590R+
1,50m	230V power supply cable	690W max - see p44-45		FY08-B+	FY08+
0,30m	bridge rectifier	690W max - see p44-45		FY043A-B+	FY043A+
0,20m	bridge rectifier	230W max - see p44-45		FY041A-B+	FY041A+

Nostalgia XL suspended bulbs

✓	PVC	IP55	incl.	24V

FL930BB

suspension and safety wire

50 cm

60 cm suspension and safety wire

product info

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

A very trendy retro effect !

Available in packs of 4 bulbs that come with a transformer.

Aluminium lamp cap (stainless).
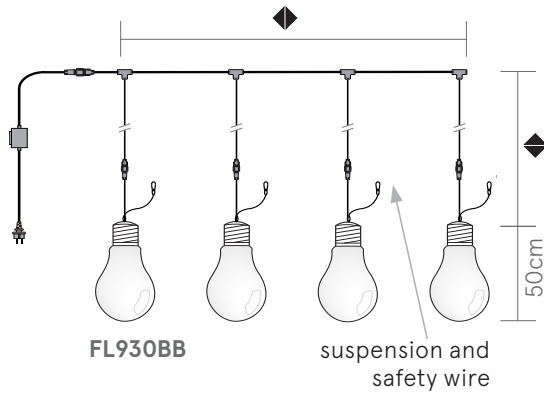
▶ set of 4 bulbs

◆	◆	💡	micro LED	FLASH	P (W)	■
2,00 m	2,00 m	ø 28 cm – H 50 cm	400 ○	200 ○	8	FL930BB

Hanging balls
with animations

60 cm suspension
and safety wire

FL920LU
G-FL920LU

suspension
and safety wire

Ø 20 cm

FL920M / G-FL920M
Random and unsynchronized
colour change

product info

Ideal for tree decorations or suspended on ropes.

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

A very trendy retro effect.
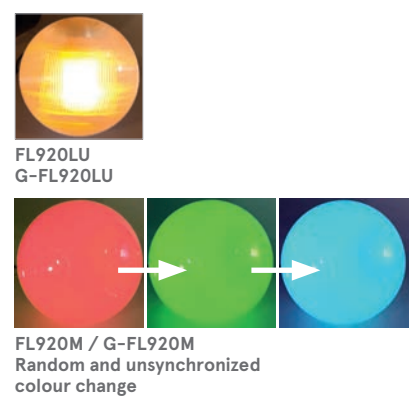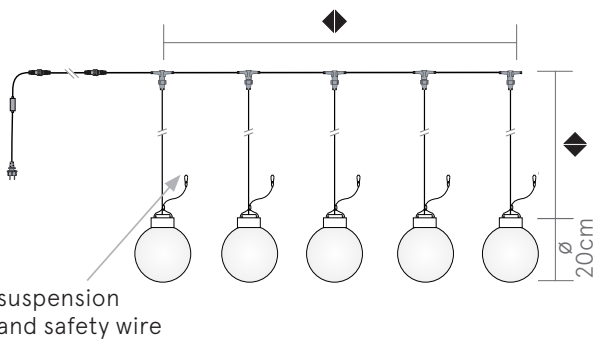
Set of 5 spheres.

▶ **set of 5 spheres**

◆	◆	animation	○	P (W)	■
3,00 m	1,20 m	flickering effect	5 ◯ ø 20 cm	15	**FL920LU**
3,00 m	1,20 m	random colour change	5 RGB ø 20 cm	24	**FL920M**

Garlands
with B22 sockets

roll of garland with B22 sockets - Power supply not included

◆	description	cable section	B22
100 m	roll of garland 1 socket/m (100 sockets)	■ 2 x 1,5 mm²	G098C
100 m	roll of garland 2 sockets/m (200 sockets)	■ 2 x 1,5 mm²	G099C
100 m	roll of garland 3 sockets/m (300 sockets)	■ 2 x 1,5 mm²	G100C
50 m	roll of garland 4 sockets/m (200 sockets)	■ 2 x 1,5 mm²	G112C
50 m	roll of garland 5 sockets/m (250 sockets)	■ 2 x 1,5 mm²	G113C
100 m	roll of garland 3 sockets/m (300 sockets)	□ 2 x 1,5 mm²	G100C-B

garlands with B22 sockets - Power supply included

◆	description	cable section	B22
9 m	garland of 20 sockets	■ 2 x 1,5 mm²	G1C
15 m	garland of 40 sockets	■ 2 x 1,5 mm²	G2C

product info

Customise your garland with different bulbs suggested on p 199 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.

B22 & E27 bulbs

LDL B22/E27 range (registered design)	LDLH B22 SMD range	LDLFL-B22

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

description	B22	E27	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/ 0,5W	16 mA max/ 0,5W	16 mA max/ 0,5W	3W
packing	set of 25	set of 25	set of 25	unit
use	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**
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 (20 mA i.e 5 VA) 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 one classic of Blachère Illuminations. With a patented model, the specific position of the LEDs in the bulb creates a "filament effect" similar to former times incandescent bulbs.
The polycarbonate bulb guarantees increased strength (IK06).

NEW : The LDLFL-B22 bulb recreates the flame effect, regardless of the direction of assembly.

Led Projectors

PRJA-W / PRJA

PRJP-01+ / PRJP-01W+

▶ **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**
switch-mode power supply 24V dc 25W (for a set of 2)				**PRTR24V**
elastic strap for PRJA-W and PRJA projectors				**FYSDOW**
protective and adhesive foam (set of 10)				**FY-MOUS**

▶ **Led projectors (set of 3)**

transformer	LED	spacing between projectors	voltage	P (W)	packing	reference
included	○	1 m	230V/12V	12W	set of 3	**PRJP-01+**
included	◐	1 m	230V/12V	12W	set of 3	**PRJP-01W+**

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 p52-53

With these 3 projectors that come with a 230V/12V transformer, you can quickly and easily light up shrubs, bushes, planters, etc.
Their stake means they can be easily planted in the ground.

230V Connections

Diagram/Picture	Description	Obs.	■	□
	Power cable 230V - 1.5m - HO5RN-F - 2x1mm2 with male plug and female Octoplus connector	Euro	FY08+	FY08-B+
		UK	FY08-UK+	FY08-BUK+
		Swiss	FY08-S+	FY08-BS+
		Wieland	FY08-W	FY08-BW
	AC/DC bridge rectifier (compulsory) for LED+ with Octoplus connector (M+F)	1A/230W	FY041A+	FY041A-B+
		3A/690W	FY043A+	FY043A-B+
	Octoplus extension 230V - HO5RN-F - 2x1mm²	1m	FY01-1+	FY01-1B+
		2m	FY01-2+	FY01-2B+
		3m	FY01-3+	FY01-3B+
		5m	FY01-5+	FY01-5B+
		10m (2X5m)	FY01-10+	FY01-10B+
	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+

24V Connections

Diagram/Picture	Description	Obs.	■	□
1m	1m extension PVC cord 24V Connectors M-C1/F-C2		FY01-PVC	FY01B-PVC
2m	2m extension PVC cord 24V Connectors M-C1/F-C2		FY02-PVC	FY02B-PVC
5m	5m extension PVC cord 24V Connectors M-C1/F-C2		FY05-PVC	FY05B-PVC
7 cm / 7 cm	2 output connector PVC 24V Connectors M-C1/F-C2		FY2-PVC	FY2B-PVC
7 cm / 7 cm	3 output connector PVC 24V Connectors M-C1/F-C2		FY3-PVC	FY3B-PVC
30 cm	230V -> 24V transformer with Octoplus connector	10W max	FYPRTR9	FYPRTR9B