

UPLUMIN LIGHTING

Motif Light Specification Sheet

Frame, surface, wiring, spacing and temperature data for 2D, 3D and Christmas tree motif lights, plus the PVC decoration material that finishes them.



Motif Light

Product Type	Outdoor holiday lighting sculpture decoration
Frame	Iron or aluminium, stoving varnish finish in gold or white, rust prevented
Surface Material	ABS and PVC, PVC tinsel or PVC mesh wrap
Light Source	LED string light, Taiwan Epistar chip
Bulb Spacing	5 cm, 7 cm or 10 cm, customisable
Wire	100% pure copper, OD 2.3 mm / 2.5 mm / 3.2 mm
Ingress Protection	IP65
Working Temperature	-40 C to 60 C
Warranty	1 year
Application	Commercial use, holiday decoration, wedding decoration, landscape
Occasion	Street, store, window display, park, garden, party, mall
Customisation	Any shape, size, colour and material

Features

- Low consumption multi-colour bulbs across the whole sculpture
- Parallel LED circuit — one dead LED does not affect the rest of the string
- Taiwan Epistar chips for high brightness and a long service life
- Stoving varnish metal frame in gold or white with rust prevention
- 100% pure copper wire, thicker than the industry average at OD 2.3-3.2 mm
- IP65 rated for permanent outdoor installation
- Holds up from -40 C to 60 C, so the same unit ships to Riyadh or Moscow
- Reads as a sculpture by day and a light by night

Quality control

- Cold resistance and high temperature resistance testing with current applied
- Wire ageing test before the frame is wrapped
- Frame weld and rust-prevention check after stoving varnish
- Full-unit light-up and photograph before packing

Production sequence

1. Shape drawing agreed and scaled from the customer's reference
2. Iron or aluminium rod bent and welded into the frame
3. Frame stoving varnished in gold or white for rust prevention
4. PVC tinsel or mesh surface applied by hand
5. LED string wired into a parallel circuit at the agreed bulb spacing
6. Ageing test with current applied, then light-up photography
7. Foam and carton packing sized for container loading

Decoration Material

Product Name	Motif light decoration material
Brand	UPLUMIN
Material	PVC
Colour	Transparent, white, red, green, blue, yellow, purple, pink and custom
Structure	Detachable
Ingress Protection	IP65
Packing	Cartons
Place of Production	Guangdong Province, China
MOQ	No minimum order limit

Features

- Flexible and easy to bend, which is what makes a clean motif surface
- Available with or without sparkle dust
- Diameter and spacing both customisable
- Detachable structure, so a damaged section can be replaced on site
- IP65 rated for outdoor motif work
- No MOQ limit and samples welcome before a bulk order

Quality control

- Colour batch matching against the approved swatch
- Flexibility and bend test
- Roll length and width check before carton packing

Production sequence

1. PVC extruded and drawn to the ordered diameter
2. Tinsel cut or mesh knitted to width
3. Sparkle dust applied if specified
4. Rolled, measured and carton packed

Ordering

Standard lead time	7-9 days
Custom lead time	20-30 days after sample approval
MOQ	Low MOQ on project customisation; no minimum on decoration material
Private label	OEM and ODM, your brand on product and packaging
Samples	Sample orders welcome before a bulk order
Contact	sally@uplumin.com +86 139 2308 7067