

CHRISTMAS LANTERN

ZIGONG GIANT LANTERN

LIGHT UP WONDER
SHARE THE MAGIC

A bespoke Christmas lantern installation that brings warmth, joy and unforgettable memories to every celebration.



VIBRANT COLORS

High saturation silk with premium LED illumination



DURABLE & SAFE

Weather-resistant materials and low-voltage LED



EASY ASSEMBLY

Modular structure for quick installation and disassembly



CUSTOMIZABLE

Size, color, and design fully tailored to your needs

CUSTOMIZATION OPTIONS

Materials, LED Effects, Animation & Special Request Capabilities

SPECIFICATIONS



TOTAL HEIGHT
10.0 m / 32.8 ft



LENGTH
15.0 m / 49.2 ft



WIDTH
4.5 m / 14.8 ft



VOLTAGE
220V / 50Hz



POWER
3.5 kW



MATERIALS
Steel Frame
Silk Fabric
LED Lights



APPLICATION
Theme Parks
Shopping Malls
Events & Festivals
Christmas Celebrations

SCALE 1:50

FRONT VIEW

Est. 2012 | Zigong, Sichuan, China | Your Vision, Our Craftsmanship

10.0 m
(32.8 ft)



SIDE VIEW



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SIZE & SCALE CUSTOMIZATION

Category	Description
LANTERNS & LIGHT SCULPTURES	
Miniature	0.5m – 2m Tabletop, indoor displays
Standard	2m – 8m Most common for events and exhibitions
Large	8m – 15m Entrance arches, central landmarks
Giant	15m – 30m+ Festival centerpieces, record-breaking
ANIMATRONIC DINOSAURS & ANIMALS	
Juvenile	50% scale 2m – 4m, child-friendly
Standard	75% – 100% scale 4m – 12m length
Monumental	100%+ scale 12m – 25m, landmark pieces
Wall-break / Half-body	Dramatic partial emergence installations

Note: Pricing is not linear — consult our team for scale-specific quotes

MATERIAL OPTIONS

LANTERN MATERIALS

Traditional Silk:	Hand-stretched over wire frames; warm diffused glow; best for indoor/cultural
Weatherproof PVC:	UV-resistant, waterproof, tear-resistant; vibrant colors; best for outdoor
Acrylic Panels:	Rigid, high light transmission; sharp shapes; best for modern/corporate
LED Pixel Mesh:	Programmable RGB on flexible mesh; animated patterns; best for high-tech

ANIMATRONIC MATERIALS

Foam + Sealant:	Cost-effective, lighter; 1–2yr outdoor; best for budget/indoor
Patented Silicone Skin:	Soft realistic feel; 5+yr outdoor; best for premium exhibits
Hybrid Approach:	Silicone on visible areas, traditional on hidden; balance quality & budget

LED LIGHTING EFFECTS

Standard LED Strings

- Warm white (2700K) or cool white (6500K)
- Steady glow or simple flashing
- Most cost-effective option

RGB LED Strings

- 16.7 million color combinations
- Static or slow transitions
- Simple remote control

Programmable Pixel LEDs

- Individual addressable (WS2812B/SK6812)
- Complex animations: chasing, fading, breathing
- Music-reactive modes
- DMX512 or dedicated controllers

Projection Mapping

- Dynamic image/video projection
- Seasonal theme changes
- High impact, needs darker environment

POWER: Mains 220V AC | Solar + battery (remote) | Low-voltage DC 12V/24V (safety areas)

ANIMATION & MOTION PROGRAMMING

BASIC

- Head left-right sway
- Jaw open-close
- Tail sweep
- Single sound trigger

STANDARD

- All basic motions
- Eye blinking
- Neck up-down
- Multi-sequence sound

PREMIUM

- All standard motions
- Trunk/claw articulation
- Ear flapping / breathing
- Proximity-sensor activation
- Show control integration

LANTERN ANIMATIONS

- Static illumination
- Strobe / pulse

- Slow fade transitions
- Music-synchronized

- Chasing patterns
- Custom programmed

COLOR & FINISH OPTIONS

LANTERN COLORS

- Standard Palette: 50+ colors
- Custom Pantone/RAL matching
- Gradient & metallic finishes
- Day/night dual mode

ANIMATRONIC COLORS

- Scientifically accurate (latest research)
- Natural earth tones
- Vibrant/fantasy (theme parks)
- Bioluminescent UV effects
- Weathering: aged or pristine

FINISH QUALITY

- Standard: Airbrush, mid-distance
- Premium: Multi-layer, close-up
- Museum: Hand-painted, scale detail



SOUND & AUDIO CUSTOMIZATION

PRE-RECORDED LIBRARY

- 50+ dinosaur & animal vocalizations
- Scientifically informed sound design
- Categorized by species & behavior

CUSTOM SOUND DESIGN

- Commission original soundscapes
- Multi-layered ambient audio
- Seasonal/theme-specific audio

SOUND TRIGGER MODES

- Timer-based (scheduled intervals)
- Proximity sensor activation
- Manual remote control
- Show control integration

AUDIO HARDWARE

- Waterproof speakers IP65 (20W–200W)
- Directional speakers (focused zones)
- Subwoofer integration (low-freq rumble)

INTERACTIVE FEATURES

Proximity Sensors

Infrared motion detection, 1–5m range, triggers motion/sound/light

Touch Sensors

Pressure-sensitive silicone zones, safe for children, gentle response

Ride-On Controls

Dinosaur rides with safety harness, coin/RFID activation, 2-min cycle

Photo Opportunities

Camera trigger, branded frame, QR code instant download

Mobile App

Bluetooth control, educational content, AR overlay

Quiz Stations

Touchscreen kiosk, multiple-choice, celebratory animation on correct

SPECIAL REQUESTS & BESPOKE DESIGN

IP & Licensed Characters

Custom designs based on your IP | Experience with movie studios, game companies | NDA & licensing compliance

Historical & Cultural Accuracy

Collaboration with paleontologists & historians | Museum-grade accuracy | Cultural consultation for heritage

Structural Challenges

Suspended/flying models | Water-integrated installations | Cliff-face/wall-mounted | Multi-story atrium

Climate Adaptations

Extreme cold (-40°C) with heated components | Extreme heat (50°C+) with enhanced cooling | Coastal salt-spray protection | High-altitude versions

Multi-Species Ecosystems

Coordinated groups of different species | Predator-prey interaction sequences | Habitat dioramas with plants, rocks, water

CUSTOMIZATION PROCESS

01

INITIAL CONSULTATION

Share your vision, requirements, and budget | We provide concept sketches and 3D renderings

02

DESIGN DEVELOPMENT

Detailed engineering drawings | Material and component selection | Motion programming preview

03

PROTOTYPE & APPROVAL

Small-scale prototype for large projects | Client approval on colors, textures, and features

04

PRODUCTION

Full manufacturing with progress photo updates | Mid-production client inspection (video call)

05

TESTING & DELIVERY

Complete functionality testing | Professional photography for your marketing | Secure packaging and global shipping

LET'S BRING YOUR VISION TO LIFE

No project is too unusual — we welcome challenges

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Factory tours available by appointment