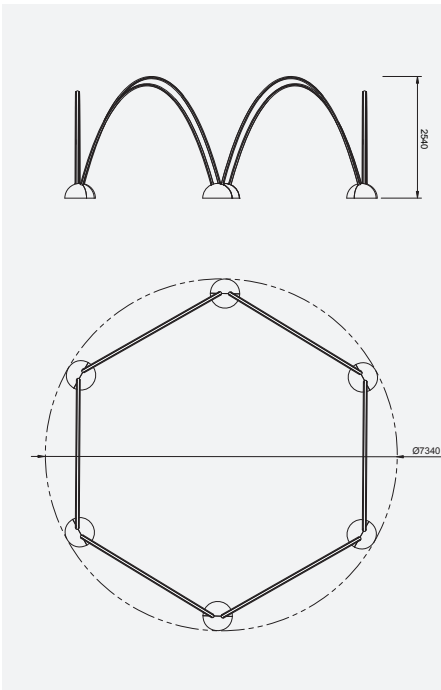
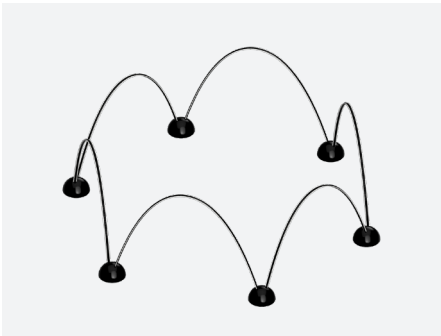


Reunion

Technical Description

Reunion is a light installation composed of six tubular metal arches arranged in a circular formation approximately 7 metres in diameter. Each arch contains power cables internally, while flexible LED neon is mounted externally using aluminium rails. At ground level, custom metal bases provide ballast and house electrical enclosures. These bases are topped with semi-spherical metal covers that provide both protection and a cohesive, sculptural aesthetic.



Technical Data

Physical

Materials: Steel (ballast, base, arch), Aluminium (rail)

Diameter: 7.34 m (24 ft)

Height: 2.54 m (8.3 ft)

Weight: ~1,000 kg (2,205 lbs)

Anchoring Method: Internal ballast

Power

Power Requirements: 230V AC, 16A via one 2P+E socket

Power Cable Supplied: 10 m 3-core 2.5mm² HO7RN-F cable with ramp

Total Power Consumption: ~800 W

Effects & Control

Light Source: 24V Addressable RGB LED Neon Flex

Power Supply: 1 × 24V 350W Mean Well PSU per base (inside PC enclosure)

Control Protocol: DMX

Ingress Protection: IP68 (LED & connectors)

Animation Type: Static, Generative, Bespoke animations available for a fee

Interactivity: None

Audio: None

On/Off Scheduling: Remote timer or internal digital scheduling

Location & Installation

Footprint (Min / Rec): 7.3 × 7.3 m (24 × 24 ft) / 10 × 10 m (33 × 33 ft)

Operating Temperature Range: -10°C to +35°C (14°F to 95°F)

Surface Requirements: Flat, hard ground (no fixings required)

Access Requirements: Luton van with tail lift

Security: CCTV coverage and regular patrols preferred

Setup / De-rig Time: ~10 hours / ~3 hours (2 crew)

On-site Info: Not provided – recommend info board for visitors

Safety & Liability

Wind Load: Up to 40 mph (64 km/h)

Crowd Load: 0.3 kN horizontal (pushing), 1.0 kN vertical (hanging)

Public Liability Insurance: £10M (Kumquat Lab Ltd) – available on request

PAT Test: Provided upon request

Structural Report: Provided upon request

Risk Assessment: Provided upon request

Vandalism Liability: TBC in contract agreement

For enquiries, technical details, or hire requests, please contact: info@kumquatlab.com.

