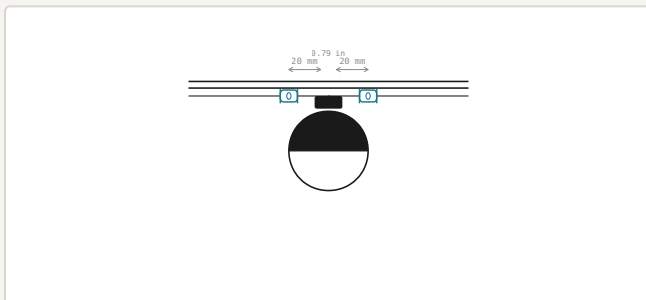


— MAXIBATCAP DARK-SKY • INSTALLATION & MAINTENANCE

Installing & maintaining the MaxiBATCAP

The MaxiBATCAP is a Dark-Sky-shielded festoon globe — the solid black upper hemisphere blocks upward light spill. It hangs from a taut catenary support cable; rubber grommets and UV zip ties fix each globe in position on the strand. The two-part globe is fully serviceable: twist the frosted lower lens to release it and pull the LED module straight out of its solderless socket. A qualified electrician must carry out the electrical connection.

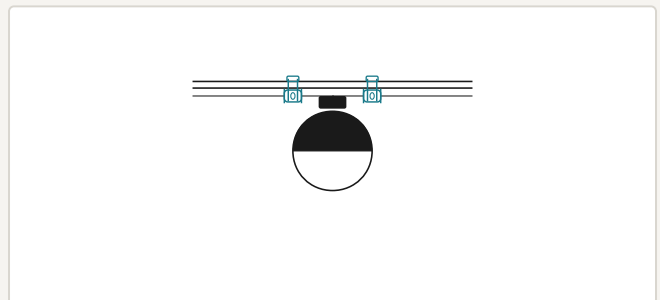
CATENARY FIXING • STEP BY STEP



01

Place rubber grommets

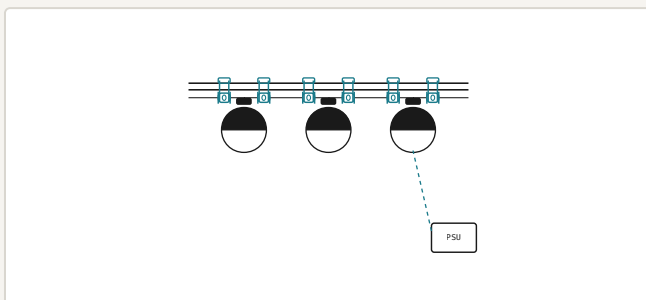
With the catenary cable taut and secure above the MaxiLED strand cable, place a rubber grommet **20 mm (0.79 in) either side of the globe housing**. The two grommets act as stops that **hold the globe in position** so it cannot slide along the cable.



02

Secure with a UV zip tie

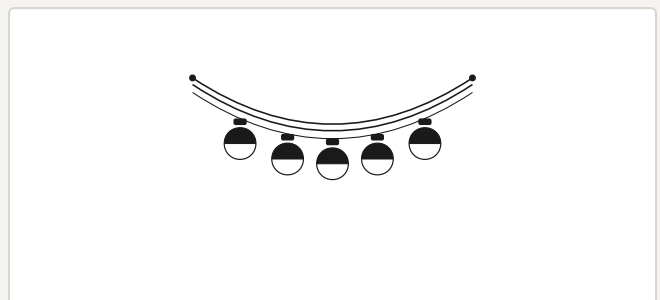
Using a UV-resistant zip tie (4.8 mm width), clamp each grommet up against the catenary cable and trim the excess. This **locks the globe in place so it cannot move**; the grommet stays placed over the MaxiLED cable.



03

Repeat & connect

Repeat Steps 1–2 to fix every globe along the strand until the installation is complete, then connect the strand to the **correct transformer**.



04

Alternative • hoop effect

For a deeper, more arched catenary, **do not fix the grommets to the support cable** — the strand is left free to drape into a decorative **hoop** between the two anchor points. Keep voltage drop below 5% across the strand.

Note. These step diagrams are simplified installation guidance based on the MaxiLED globe installation manual. Confirm grommet spacing, cable ratings and connector detail against site conditions and local codes.

— MAINTENANCE • LED MODULE

Maintenance — twist lens & replace LED

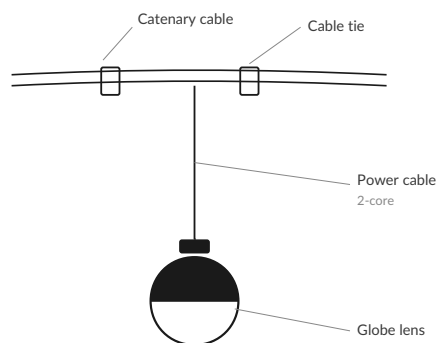


Figure A
Catenary mount

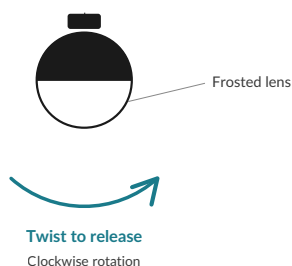


Figure B
Twist lens - maintenance

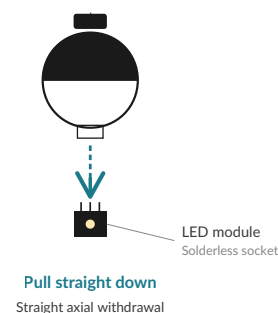
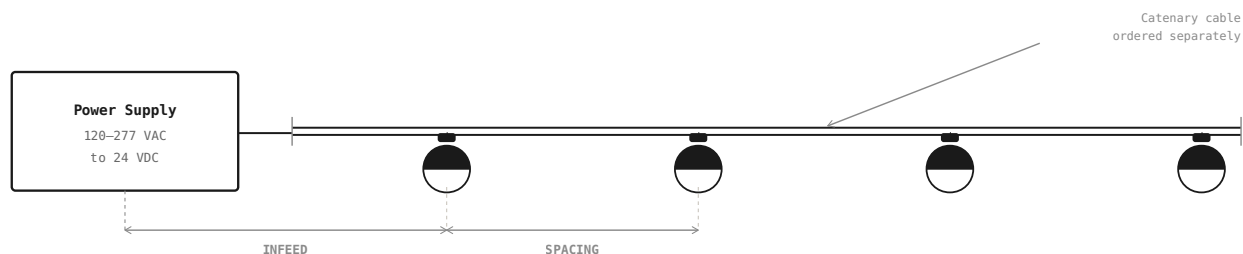


Figure C
LED module - replace

The two-part globe uses a **screw-lock joint** (sealed, IP68). To service a fitting: **twist the frosted lens clockwise** to release it, then **pull the LED module straight down** out of its solderless socket and fit the replacement. Re-seat the lens and twist to lock — no tools, no soldering.

WIRING • 24 V TRANSFORMER-FED • NTS



The strand runs on **24 VDC** — connect it to the correct MaxiLED power supply (120–277 VAC input → 24 VDC output), never to mains. Keep voltage drop **below 5%** across the strand; for longer layouts feed from both ends or add a second power source. The **catenary support cable is ordered separately**. Installation by a **qualified electrician** per national and local electrical and construction codes.