



— SMALL GLOBE SERIES · SKU SG-ULTRA

MaxiULTRA / Small Globe

Compact 32 mm static festoon — 300+ globes per power supply for the longest, finest decorative runs. Available in white plus R/G/B/Pink/Amber static colors.

- OUTDOOR
- IP68
- IK07
- STATIC · DIMMABLE
- 24 VDC · COMPACT
- ANSI C136.31
- 5-YEAR WARRANTY



POWER	WATTAGE	RUN LENGTH	PER SOURCE	IP RATING
24 VDC	0.6 W	100 m/ 328 ft	300+	IP68

SPECIFICATIONS · OVERVIEW · KEY FEATURES

QUICK SPECIFICATIONS

POWER INPUT	24 VDC
WATTAGE	0.6 W
LED CURRENT	50 mA
RUN LENGTH	100 m / 328 ft
GLOBES PER SOURCE	300+
LUMENS · CLEAR	23 lm
COLOR OPTIONS	2700K · 10000K · R/G/B/Pink/Amber
LENS OPTIONS	Clear · Frosted
GLOBE DIAMETER	32 × 32 mm
WEIGHT	24 g
IP RATING	IP68
IK RATING	IK07
VIBRATION	ANSI C136.31
OPERATING TEMP.	−40°C to +50°C
LISTINGS	UL · UKCA · CE
WARRANTY	5 years

OVERVIEW

MaxiULTRA Small Globe is a **cost-effective static lighting solution** for projects that require a finer, more discreet festoon appearance. Using 32 mm globes operating at 24V, it supports long continuous runs of 300+ globes per power supply — ideal for outlining trees, landscapes, and pedestrian areas. Uniform static white or static color light, well suited to large-scale decorative installs where subtlety, consistency, and efficiency are key.

KEY FEATURES

- 01

Compact 32 mm form factor
The finest static festoon globe in the MaxiLED range — discreet visual presence with consistent point-source light.
- 02

300+ globes per power source
Lowest-draw festoon at this size — enables the longest decorative runs from a single power supply.
- 03

Wide static colour palette
2700K and 10000K white, plus Red, Green, Blue, Pink, Amber. Single-colour strands or mixed.
- 04

Dimmable
0–100% dimming on 24V mains compatible with MaxiLED dimming controllers.
- 05

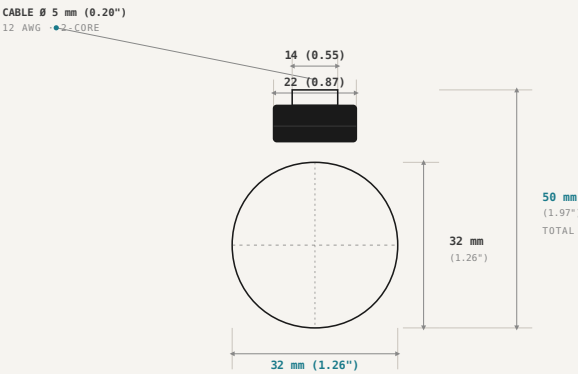
IP68 · IK07 · ANSI C136.31
Submersion-rated, impact-resistant, vibration-tested — permanent install ready.

DIMENSIONS · PHYSICAL ENVELOPE

Dimensions and physical envelope.

MAXIULTRA SMALL GLOBE · SCALED DRAWING

MM (INCHES) · NTS



GLOBE Ø	GLOBE HEIGHT	TOTAL HEIGHT	CAP Ø
32 mm (1.26'')	32 mm (1.26'')	50 mm (1.97'')	22 mm (0.87'')
CABLE Ø	CABLE AWG	GLOBE WEIGHT	CABLE / 1 M
5 mm (0.20'')	12 AWG	24 g (0.85 oz)	55 g CE · 42 g UL

Note. Small Globe Series uses thinner cable (5mm / 12 AWG) than the Large Series — verify connector compatibility when mixing series in the same install.

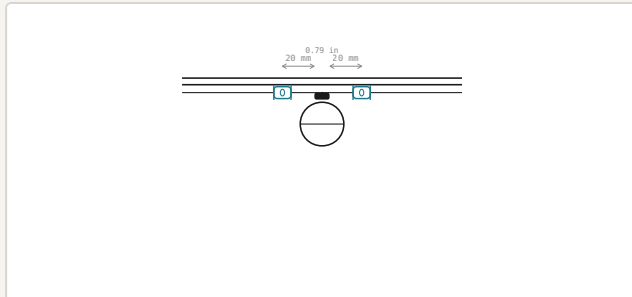
CERTIFICATIONS



INSTALLATION · CATENARY FIXING

Installation — catenary method.

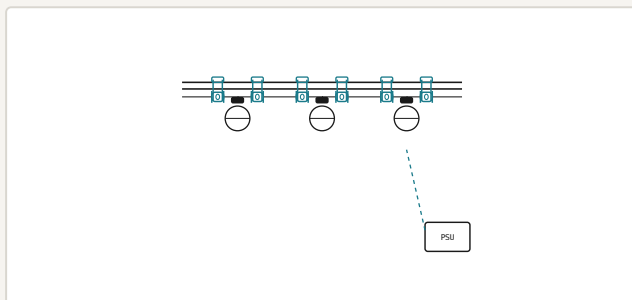
MaxiGLOBE festoon strands hang from a taut catenary support cable. Rubber grommets and UV zip ties fix each globe in position on the strand so it cannot slide or swing — the same method is used for straight runs and for the decorative hoop effect.



01

Place rubber grommets

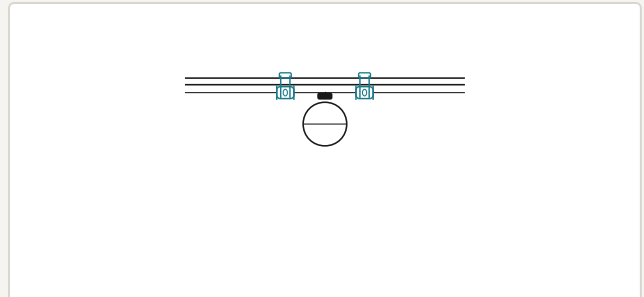
With the catenary cable taut and secure above the MaxiLED strand cable, place a rubber grommet **20 mm (0.79 in) either side of the globe housing**. The two grommets act as stops that **hold the globe in position** so it cannot slide along the cable.



03

Repeat & connect

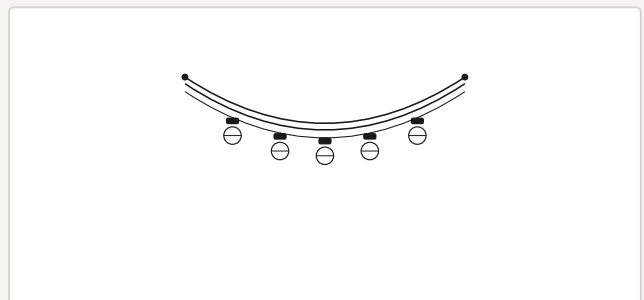
Repeat Steps 1–2 to fix every globe along the strand until the installation is complete, then connect the strand to the **correct transformer**.



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.



04

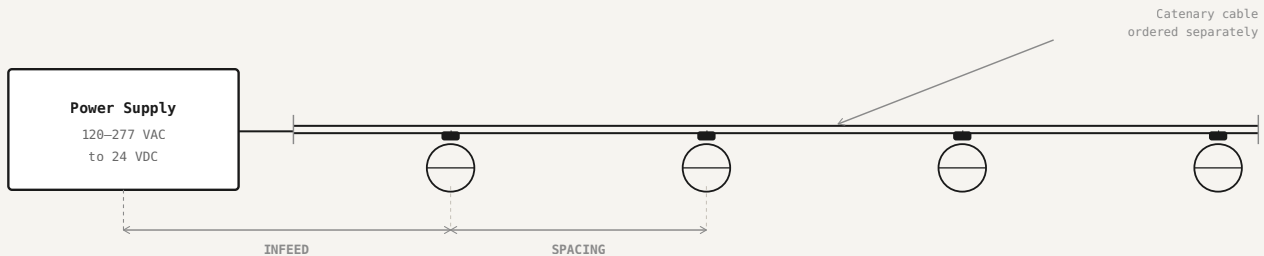
Alternative · hoop effect

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.

— WIRING · LOW-VOLTAGE STRAND

Wiring — 24 V transformer-fed.

MAXIULTRA SMALL GLOBE · 24 VDC STRAND · 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. A single power source drives up to **300+** globes over a continuous run of up to **100 m/ 328 ft**. 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.

— ORDER CODES · CONFIGURATION

How to order.

MAXILED SMALL GLOBE SERIES · ORDER-CODE BUILDER

9 SEGMENTS · HYPHEN-SEPARATED

01 PRODUCT CODE UKSSG CE · ULSSG USA	02 LED COLOUR Tem2700K 2700K Tem10000K 10000K CW Cool White WW Warm White R Red G Green B Blue A Amber P Pink PAT Pattern	03 LENS CL Clear · ML Matt	04 CABLE COLOUR BC Black · WC White
05 MEASUREMENT UNITS M Metric (cm) · I Imperial (in)	06 STARTER CABLE length in cm / in	07 GLOBE CABLE length; starter + globe cable ≤ 10,500 cm	08 NO. OF GLOBES 1 to 100
09 GLOBE SPACING even spacing in cm / in			

ORDER EXAMPLES

UKSSG-CW-CL-BC-I-1000-9000-100-90

UKSSG-WW-ML-WC-M-180-3000-100-30

Note. Order codes follow the MaxiLED Small Globe Series structure; examples are taken from the product manual. For inconsistently-spaced globes or custom RAL cable, confirm the final configuration with the factory.