



MaxiLED Large / Small Globe Series Product Guide

A complete lighting solution

*Design, fixtures, control,
installation and maintenance.*

Partners



Installation and Maintenance

Design, engineering, installation, integration, and aftercare ensure every lighting scheme is delivered correctly, supported long after handover, and maintained for reliable, long-term performance.



Lighting Solutions

MaxiLED Lighting fixtures are available in RGBW and static options, delivering durable, high-performance illumination for permanent architectural installations, with DMX data over power on a two-core cable.



Control Solutions

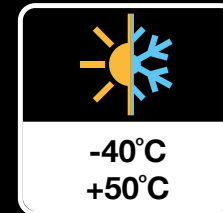
UL-listed LT-1BOX power & controls hardware enclosures, Lumentender Cloud Control remote scheduling and management, and expert onsite & remote programming.



*Which **MaxiLED** Globe* *is right for my project?*

Key Differences

- **MaxiRGBW** – Full RGBW color control for dynamic, programmable schemes
- **MaxiLUX** – High-output white for safety, pathways, and high-lux applications
- **MaxiELITE** – High-quality static white with 90 CRI for premium environments
- **MaxiCC** – Cost-effective color change for long decorative runs
- **MaxiULTRA** – Cost-effective static color or white for long decorative runs



Standard Features on all MaxiLED Large / Small Globes

MaxiLED Large / Small Globe Series

Product Name	MaxiRGBW	MaxiLUX	MaxiELITE	MaxiCC	MaxiULTRA
IP Rating	IP68	IP68	IP68	IP68	IP68
IK Rating	IK07	IK07	IK07	IK07	IK07
Warranty	5 Years	5 Years	5 Years	5 Years	5 Years
Voltage	48V	48V	24V	24V	24V
Lumens	80 Lumens	130 Lumens	58 Lumens	-	30 Lumens
Wattage	2.4W	2.4W	1.4W	1.1W	0.6W
CRI90	NO	NO	YES	NO	NO
Run Distance (Per Power source)	100M	100M	100M	100M	100M
Maximum Globes (Per Power source)	100	100	150+	200+	300+
RGBW	YES	NO	NO	RGB Random	NO
Intelligent White (Option)	NO	YES	NO	NO	NO
Static	NO	NO	YES	NO	YES
Vibration Pass	YES	YES	YES	YES	YES
-40°C to +50°C (Operating temperature)	YES	YES	YES	YES	YES
Small Globe Option	NO	NO	YES	YES	YES



MaxiLED
Lighting

MaxiRGBW Large Globe
DMX RGBW

MaxiRGBW Large Globe

DMX RGBW

Key Features



Standard Features



Specifications

Power input: **48VAC**

Watts per unit: **2.35w**

LED Current: **100ma**

Run Length: **330 Ft (100M)**

Lumens RGBW Clear Globe (Full On): **80**

Lumens RGBW Frosted Globe (Full On): **25**

Lens Option: **Clear and Frosted**

Dimensions (Globe): **64mm x 64mm**

Vibration Test: **ANSI C136.31**

Operating temperatures: **-40°C to +50°C**

Certifications: **UL. UKCA. CE.**

Description

MaxiRGBW is the most flexible option in the MaxiLED Festoon range, designed for projects that require full RGBW color control, programmable scenes, and integration with DMX lighting systems. Operating on 48V with data and power combined over a single two-core cable, it supports continuous runs up to 330 ft (100 m) with up to 100 globes per power supply. This makes MaxiRGBW ideal for dynamic architectural lighting, streetscapes, and feature installations where color, movement, and precise control are required.

MaxiLED
Lighting

MaxiLUX Large Globe
DMX White High Output

MaxiLUX Large Globe

DMX White High Output

Key Features



Standard Features



Specifications

Power input: **48VAC**
Watts per unit: **2.35w**
LED Current: **100ma**
Run Length: **330 Ft (100M)**
Lumens RGBW Clear Globe (Full On): **130**
Lens Option: **Clear and Frosted**
Dimensions (Globe): **64mm x 64mm**
Vibration Test: **ANSI C136.31**
Operating temperatures: **-40°C to +50°C**
Certifications: **UL. UKCA. CE.**

Description

MaxiLUX is designed for applications that need bright white light that also serves as functional illumination. Running on 48V for consistent output across long distances, it supports continuous runs up to 330 ft (100 m) with up to 100 globes per power supply and delivers the highest white light output in the range. It is well suited to walkways, streets, parks, bridges, and public spaces where light levels are just as important as visual appearance.



MaxiLED
Lighting

MaxiELITE Large Globe
Static 90CRI 3000K

MaxiELITE Large Globe

Static 90CRI 3000K



Key Features



Standard Features



Specifications

Power input: **24VDC**

Watts per unit: **1.4w**

LED Current: **100ma**

Color Render: **90CRI**

Run Length: **330 Ft (100M)**

Run Per single power source: **150+ Globes**

Lumens Clear Globe (Full On): **58**

Lens Option: **Clear and Frosted**

Dimensions (Globe): **64mm x 64mm**

Vibration Test: **ANSI C136.31**

Operating temperatures: **-40°C to +50°C**

Certifications: **UL. UKCA. CE.**

Description

MaxiELITE is a premium static white festoon solution created for environments where light quality is the priority. Operating at 24V, it supports long continuous runs of 150+ globes per power supply, while its high 90 CRI delivers warm, natural white light with excellent color accuracy. This makes it ideal for hospitality spaces, plazas, courtyards, and high-end architectural environments where visual comfort and consistency matter.



MaxiLED
Lighting

MaxiCC Large Globe
Random

MaxiCC Large Globe Random



Key Features



Standard Features



Specifications

Power input: **24VDC**

Watts per unit: **1.1w**

LED Current: **50ma**

Run Length: **330 Ft (100M)**

Run Per single power source: **200+ Globes**

LED'S Random: **Red, Green and Blue**

Lens Option: **Clear and Frosted**

Dimensions (Globe): **64mm x 64mm**

Vibration Test: **ANSI C136.31**

Operating temperatures: **-40°C to +50°C**

Certifications: **UL. UKCA. CE.**

Description

MaxiCC delivers movement and visual interest without the need for control systems, programming, or commissioning. Operating at 24V, it supports long runs of 200+ globes per power supply, with each strand providing automatic, random color change along its length. The result is a lively, always-active effect that is easy to install and well suited to decorative projects where impact and simplicity are key.

MaxiLED
Lighting

MaxiULTRA Large Globe
Static



MaxiULTRA Large Globe Static



Key Features



Standard Features



Specifications

Power input: **24VDC**

Watts per unit: **0.6w**

LED Current: **50ma**

Run Length: **330 Ft (100M)**

Run Per single power source: **300+ Globes**

Lumens Clear Globe (Full On): **30**

Available in: **2700K, 10,000K, Red, Green, Blue, Pink and Amber**

Lens Option: **Clear and Frosted**

Dimensions (Globe): **64mm x 64mm**

Vibration Test: **ANSI C136.31**

Operating temperatures: **-40°C to +50°C**

Certifications: **UL. UKCA. CE.**

Description

MaxiULTRA is a cost-effective solution for long decorative runs using static white or static colors. Operating at 24V, it allows 300+ globes from a single power supply, making it the most efficient option for large-scale installations. It is ideal for projects where simplicity, consistency, and value are the main priorities, while still being built for permanent outdoor use.



MaxiLED
Lighting

MaxiULTRA

Small Globe Static

MaxiULTRA Small Globe Static

Key Features



Standard Features



Specifications

Power input: **24VDC**

Watts per unit: **0.6w**

LED Current: **50ma**

Run Length: **330 Ft (100M)**

Run Per single power source: **300+ Globes**

Lumens Clear Globe (Full On): **23**

Available in: **2700K, 10,000K, Red, Green, Blue, Pink and Amber**

Lens Option: **Clear and Frosted**

Dimensions (Globe): **32mm x 32mm**

Vibration Test: **ANSI C136.31**

Operating temperatures: **-40°C to +50°C**

Certifications: **UL. UKCA. CE.**

Description

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





Maxiled
Lighting



MaxiLANTERN
DMX RGBW

MaxiLANTERN

DMX RGBW

Key Features



Standard Features



Specifications

Power input: **48VAC**

Watts per unit: **2.35w**

LED Current: **100ma**

Run Length: **330 Ft (100M)**

Lumens RGBW Lantern (Full On): **80**

Lumens RGBW Lantern (Full On): **25**

Lens Option: **Clear and Frosted**

Dimensions (Globe): **101mm x 47mm**

Vibration Test: **ANSI C136.31**

Operating temperatures: **-40°C to +50°C**

Certifications: **UL. UKCA. CE.**



Description

MaxiLANTERN DMX is a DMX-controlled RGBW lantern system designed for low-power architectural lighting projects where ease of installation is critical. Operating on 48V with data and power combined over a single two-core cable, it supports continuous runs up to 330 ft (100 m), with drivers and control equipment located remotely for clean, uncluttered installations. The system is ideal for open spaces, walkways, and architectural environments where dynamic color control is required, but traditional DMX wiring and commissioning would be impractical.

MaxiLINK

Key Features



Standard Features



Specifications

Power Input: **48VDC**

Power Output: **250W**

LED Current: **100ma**

Control Input: **DMX 512**

Protection: **Short circuit. Open circuit. Over temperature**

Maximum Run length: **100M (328ft) of Cable**

Maximum Run Fixtures: **100 Fixtures**

Dimensions: **80mm (Length) x 50mm (Width) x 31mm (Depth)**

Operating temperatures: **-40°C to +50°C**

Certifications: **UL. UKCA. CE.**

Description

MaxiLINK® is the UL-certified power backbone for MaxiLED RGBW lighting systems, delivering DMX-512 control and 48 VDC power together over a single cable. Designed for permanent architectural and decorative installations, it simplifies system design by merging a standard DMX signal from any third-party controller or show-control software with a 48 VDC power supply, then distributing both to MaxiLED RGBW products, including the Globe Series, Focal Facade Series, Marker Effects Series, MaxiPUNCH Series and MaxiDEPTH Series, via a single heavy-gauge cable. Each MaxiLINK® controller is typically dedicated to an individual run or strand, ensuring dependable performance and straightforward commissioning across long, continuous installations up to 100 metres (328 feet).



MaxiLED
Lighting

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