MaxiLED Lighting

Architectural Products

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DMX


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DMX


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Static

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MaxiEDGE
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DMX

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MaxiDUO
DMX

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MaxiLANTERN
DMX

DATA Over POWER

2 Core
Data over Power

2700K 3500K 6500K

Amber Pink Red Green Blue

Static
Colours

DMX
RGBW

MaxiLINK ENABLED

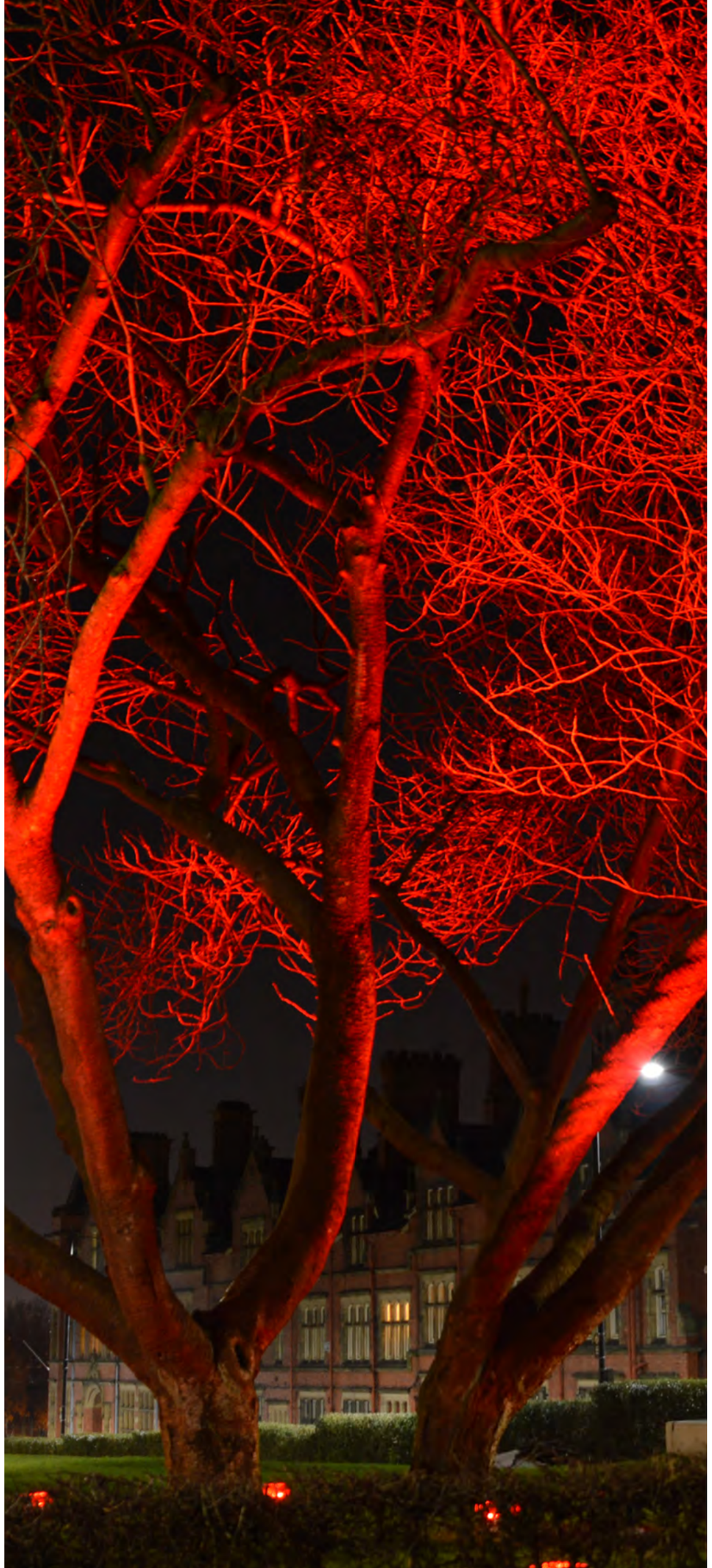
Data over Power distribution
to the fixtures

MaxiSEAL

MaxiSEAL

UK Manufactured

ENABLED



MaxiCRYSTAL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MaxiCRYSTAL
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IP68

IK10 GLASS

IK07 POLYCARBONATE

PATENTED GB2475874

US 10461809B2

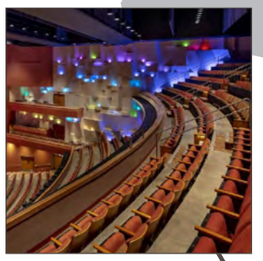
BS EN 60598

IEC 60598

UL LISTED

MaxiLED Lighting

Global Distribution

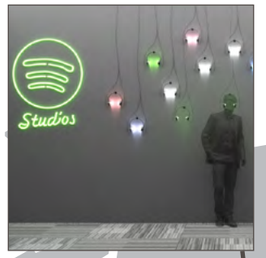


Fred Kavli Theatre

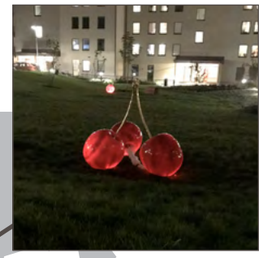
Florida
Chroma Restaurant

Isle of Man
Electric Railway

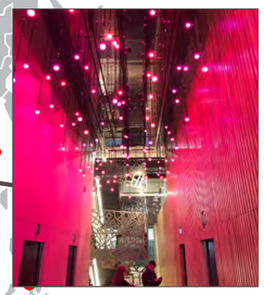
Scotland
Oban Promenade



Stockholm
Spotify Headquarters

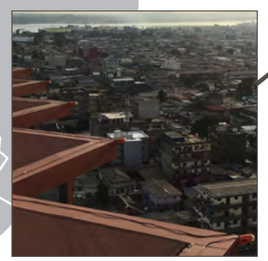


Stockholm
Street Art

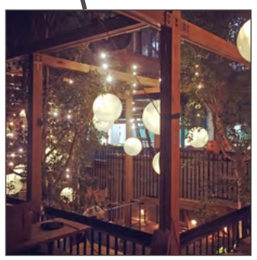


London
Havas Building

South Africa
The Boardwalk



Abidjan
Azalai Hotel



Melbourne
Restaurant

Distributors

Australia:
Light Project Pty Ltd.

Denmark:
Za-Za

Faroe Islands:
Za-Za

France:
ADS Design

Germany:
Essert-Illuminationen

Greenland:
Za-Za

Iceland:
Essert-Illuminationen

Ireland:
Fantasy Lights

MENA/GCC Region:
(Including Turkey & Turkic Republics)
LITE Ltd.

Netherlands:
Q CAT Lighting

New Zealand:
Energy Light Ltd.

South East Asia:
(Singapore, Shanghai, Shenzen, Hong Kong, Indonesia, Malaysia, Philippines, Thailand and Vietnam.)
Technolite

South Africa:
SSLI - Solid State Lighting International

Sweden:
Stockholm Lighting

United Kingdom
LITE Ltd.

Current Projects

Completed Projects

Africa:
Cape Town - South Africa
Port Elizabeth - South Africa
Abidjan - Ivory Coast

Australia:
Brisbane - Australia
Melbourne - Australia
Perth - Australia
Sydney - Australia

Ireland:
Dublin - Ireland

New Zealand:
Christchurch - New Zealand

South East Asia:
Hong Kong
Singapore

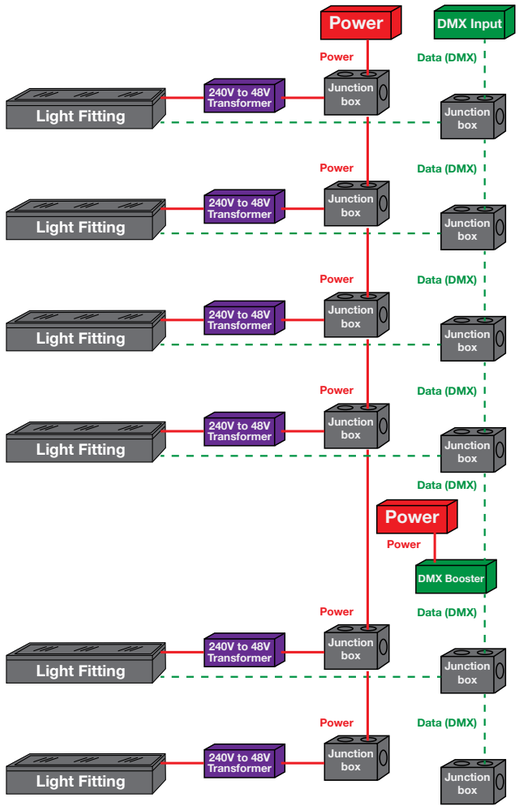
Sweden:
Stockholm - Sweden

United Kingdom:
Isle of Man - UK
Ardbeg Scotland - UK
Jersey - Channel Islands
Thames London - UK

United States:
California - USA
Florida - USA
Indiana - USA
Texas - USA

MaxiLED Lighting

MaxiLED Wiring V'S Traditional Wiring
Traditional Wiring

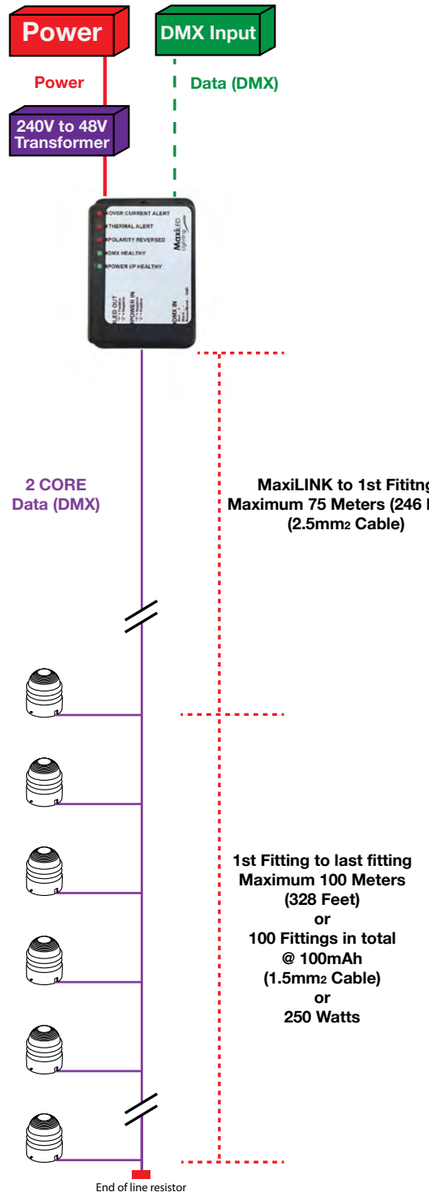


Typical DMX installation

Dis-advantages of using a typical installation:

1. Time consuming and expensive installations
2. Costly cable and groundworks
3. Installers NOT understanding complicated wiring schematics
   - Cat5 Networking / Drivers
4. More materials - Drivers / Junction boxes / Boosters / Cat5 cable/ 4 Core cable ETC
5. More electrical connections to be made equals more chance of long term electrical failure or water ingress.

MaxiLED Wiring V'S Traditional Wiring
MaxiLED Wiring



Typical MaxiLED installation

Advantages of using the MaxiLED System:

1. **Retrofit / Cables**
2. **Easy Wiring for installer**
3. **Cost Reduction**
4. **Less connections / failure points**
5. **48V SELV Compliant**

2 Core
Data over Power

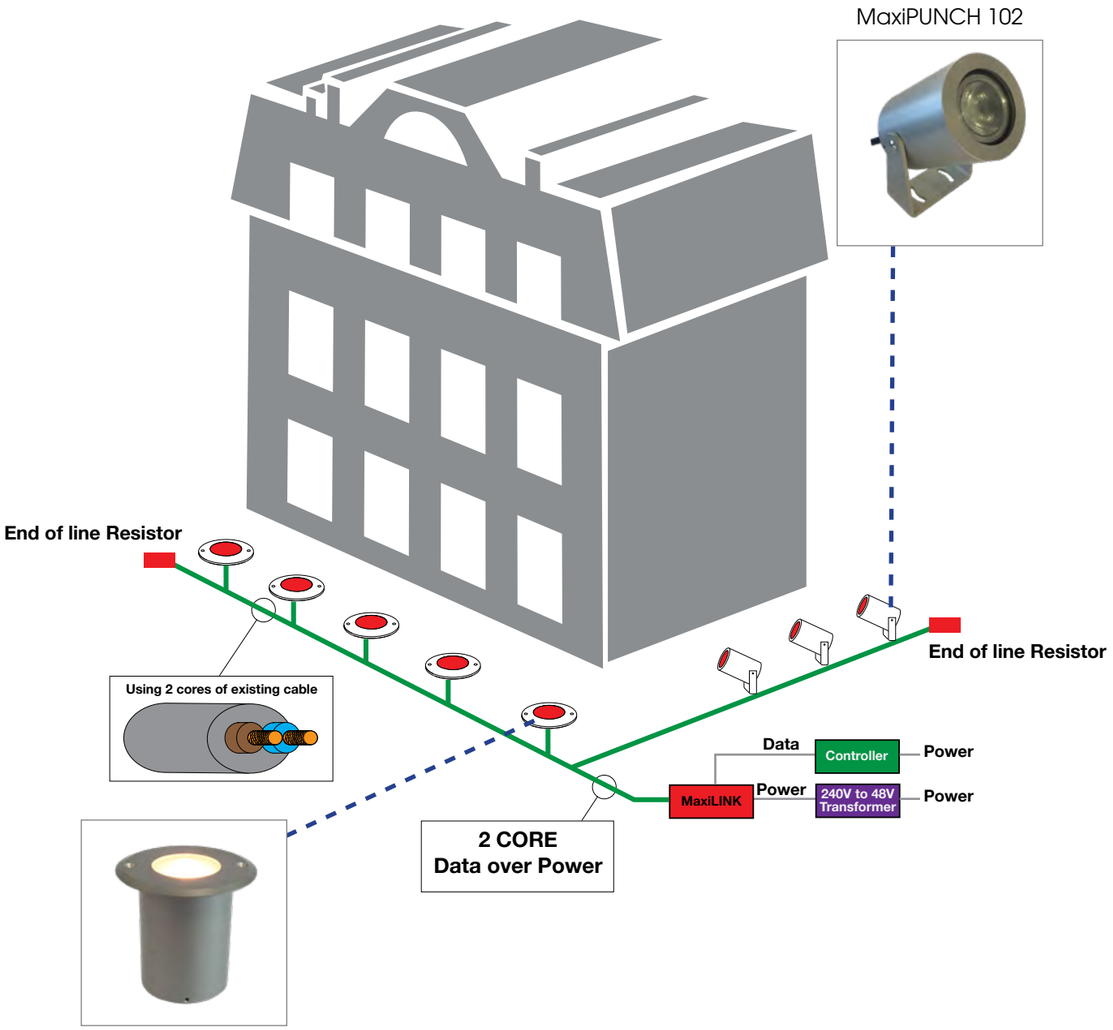
DMX
RGBW

Data over Power distribution to the fixtures

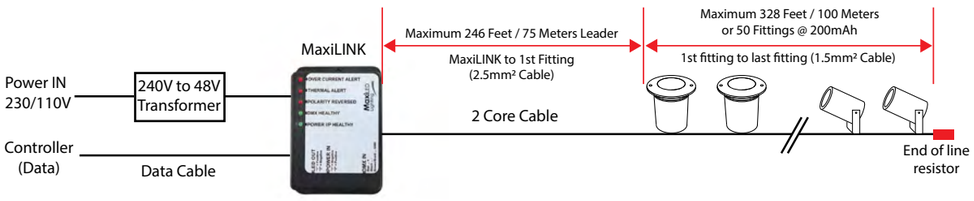
MaxiSEAL

Retro-fit Changing white to color change
Example 1 - Residential

A simple re-installation changing white static to RGBW color change utilizing existing wiring and using our unique Data over Power technology

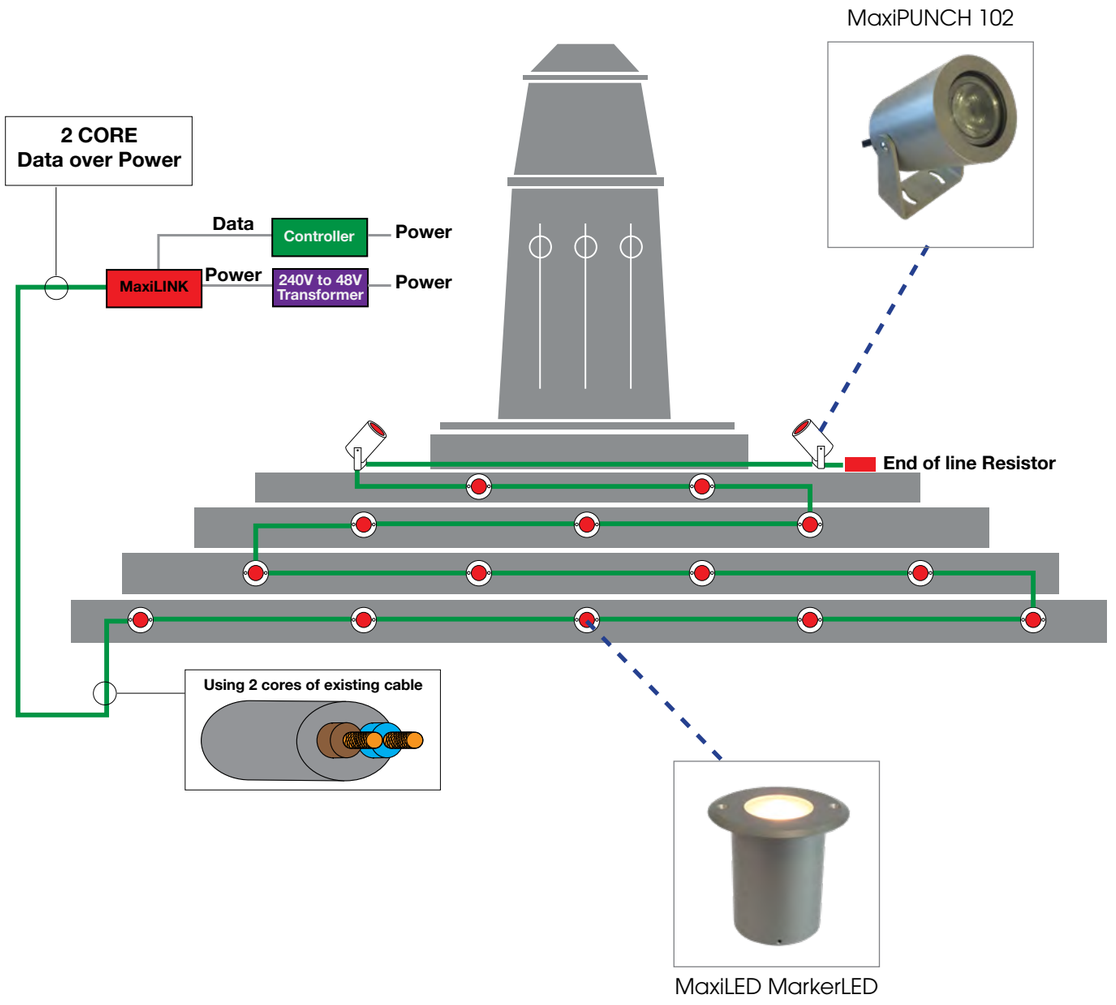


MaxiLED unique wiring example

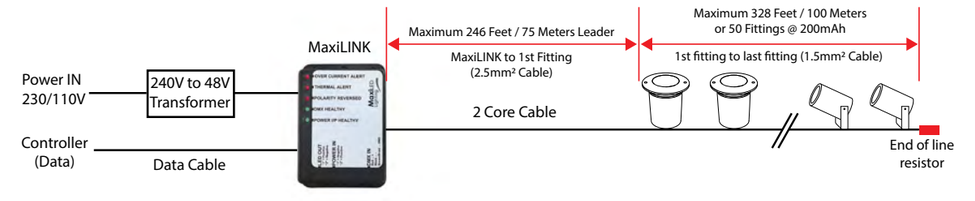


Retro-fit Changing white to color change
Example 2 Sculpture and Steps

A simple re-installation changing white static to RGBW color change utilizing existing wiring and using our unique Data over Power technology

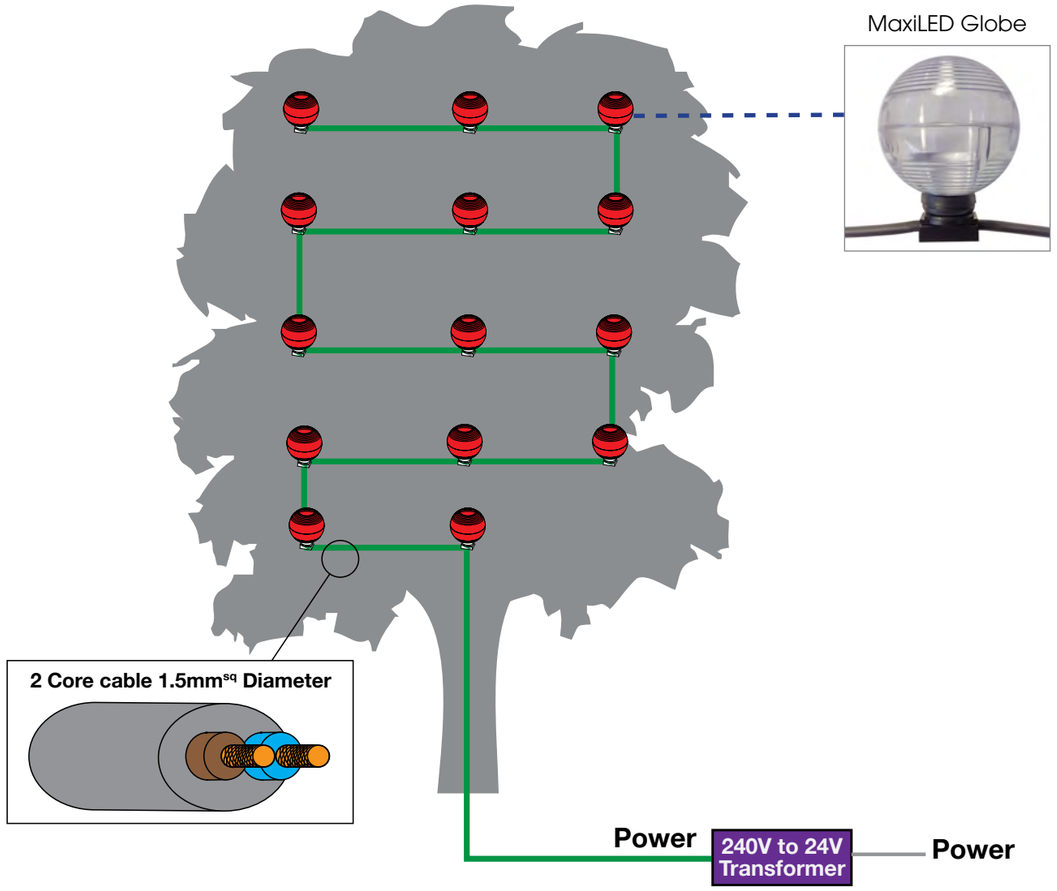


MaxiLED unique wiring example



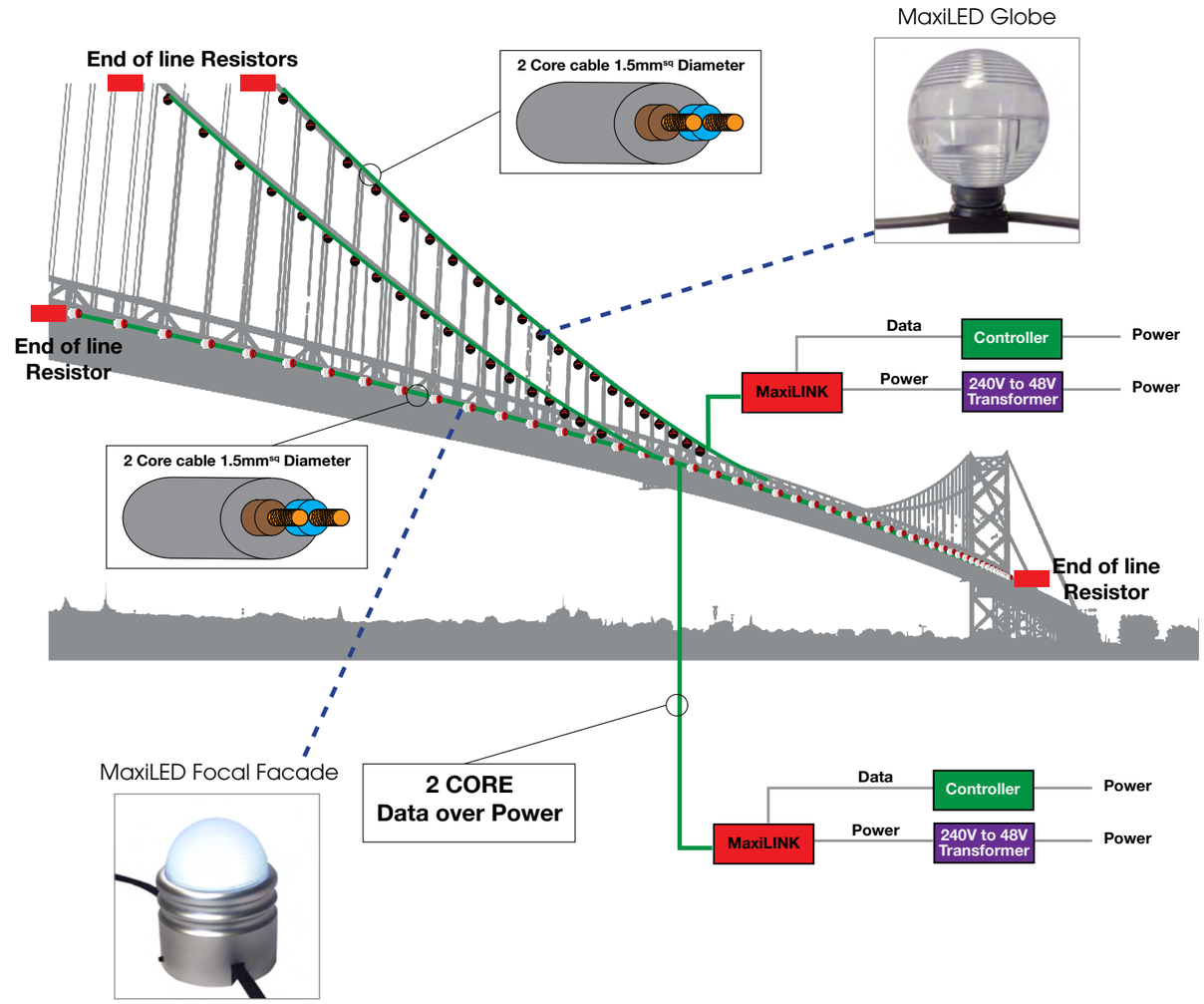
New Product installation
Example 1 - Tree lighting

A simple diagram of Large Globe Static Series installed into a tree

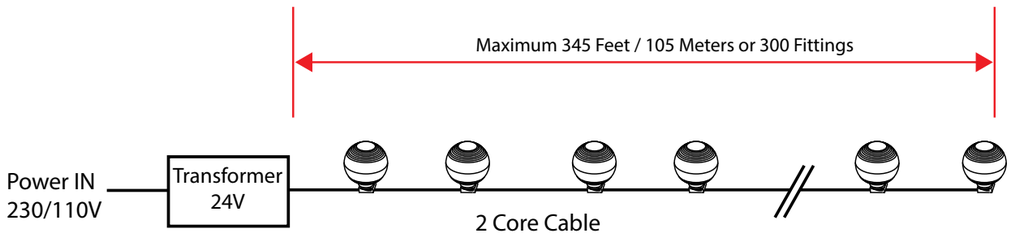


New Product installation
Example 2 - Bridge contour lighting

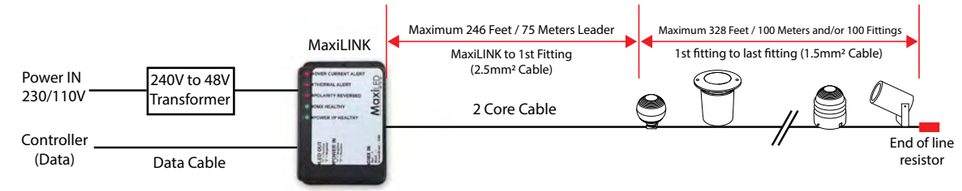
A simple diagram of the different series of product available using our unique Data over Power technology



MaxiLED Static Globe wiring example



MaxiLED 100mAh unique wiring example



Marker Effect 101 Series - DMX Controllable

MaxiLINK ENABLED

Data over Power distribution to the fixtures

DMX
RGBW

DATA Over POWER

2 Core
Data over Power

Product specifications

Power Input:
48VDC

Light Output:
50 lumens @ full RGBW on.
100 lumens @ full White on.

Environment:
IP68 (Depth 1 Meter)
Dry, damp and wet locations

Installation:
Available in :
Flush surface mounted base
Adjustable wall mount bracket
Recessed with sleeve

Watts:
2.35W per fitting.

Optics:
Frosted.

Protection:
Thermal Safety cut out at 70°C
(158°F)

Lumen Maintenance:
Estimated 85% lumen maintenance at 70,000 hours, L70 predicted life of 132,000 hours.

IK Rating:
IK10 Rating Drive over Option

Listings:
CE.

Light Source:
CREE LED´s
RGBWW(2700K) / RGBCW (6500K)
IW (2700K - 6500K)
2700K, 3500K, 6500K

Marker Effect housing

80mm

150mm

Inground Sleeve
Supports fixture inground.

Finish options

Anodized Silver

Anodized Black

Stainless Steel

MaxiSEAL (GunMetal)
(Harsh Environment)
Different finishes on request

Maximum running distance per MaxiLINK

MAX RUN LENGTH

MAX=100M (328ft)

MAX FITTING PER MAXILINK

Marker Effect 101 = MAX 100 Fittings

1 2 3 4 100

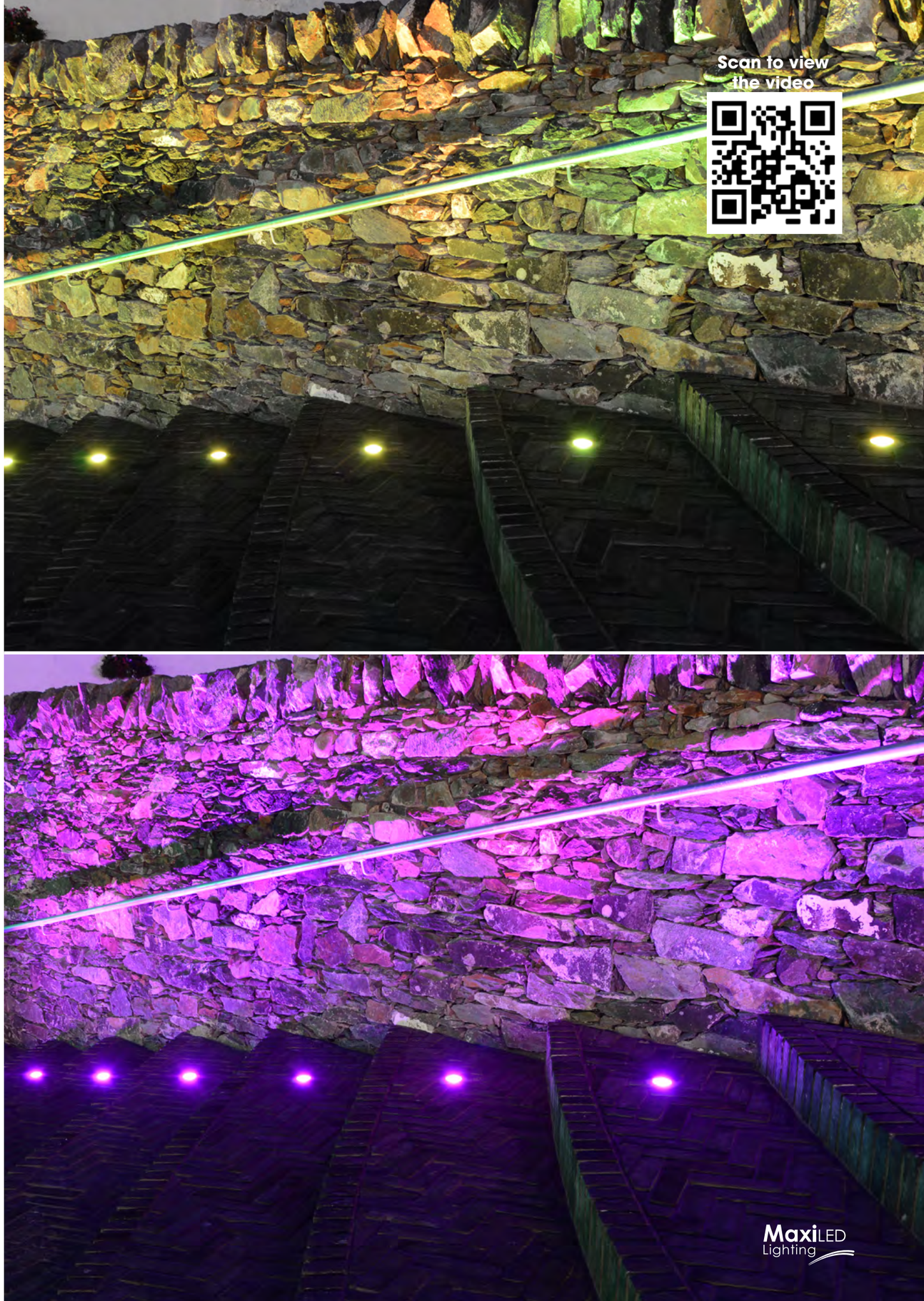
Dimensions

ø88mm (3.46 Inches)

ø85mm
(3.34 Inches)

ø88mm
(3.46 Inches)

ø60mm
(2.36 Inches)



MaxiPUNCH 102 Series - DMX controllable

MaxiLINK ENABLED

Data over Power distribution to the fixtures

DMX
RGBW

DATA Over POWER

2 Core
Data over Power

Product specifications

Power Input:
48VDC

Light Output:
160 lumens @ full RGBW on.
250 lumens @ full White on.

Environment:
IP68 (Depth 1 Meter)
Dry, damp and wet locations

Installation:
Available in :
Adjustable wall mount bracket

Watts:
4.7W per fitting.

Optics:
15°, 25°, 40°, and 90° (no lens).

Protection:
Thermal Safety cut out at 70°C
(158°F)

Lumen Maintenance:
Estimated 85% lumen maintenance at 70,000 hours, L70 predicted life of 132,000 hours.

Listings:
CE.

Light Source:
CREE LED's
RGBWW(2700K) / RGBCW (6500K)
IW (2700K - 6500K)
2700K, 3500K, 6500K

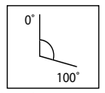
Optics options

15° Distribution | 25° Distribution | 40° Distribution | 90° Distribution

Mounting options

Spike Mount

Adjustment Range

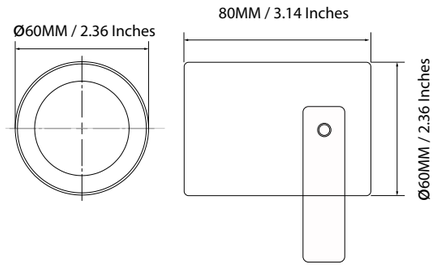


0°-100° Adjustment
From 0° to 100°
adjustment range

Finish options

Anodized Silver | Anodized Black | Stainless Steel | MaxiSEAL (GunMetal) (Harsh Environment) Different finishes on request

Dimensions



Maximum running distance per MaxiLINK

MaxiPUNCH 302 Series - DMX controllable

MaxiLINK ENABLED

Data over Power distribution to the fixtures

DMX
RGBW

DATA Over POWER

2 Core
Data over Power

Product specifications

Power Input:
48VDC

Light Output:
450 lumens @ full RGBW on.
750 lumens @ full White on.

Environment:
IP68 (Depth 1 Meter)
Dry, damp and wet locations

Installation:
Available in :
Adjustable wall mount bracket

Watts:
14.1W per fitting.

Optics:
15°, 25°, 40°, and 90° (no lens).

Protection:
Thermal Safety cut out at 70°C
(158°F)

Lumen Maintenance:
Estimated 85% lumen maintenance at 70,000 hours, L70 predicted life of 132,000 hours.

Listings:
CE.

Light Source:
CREE LED's
RGBWW(2700K) / RGBCW (6500K)
IW (2700K - 6500K)
2700K, 3500K, 6500K

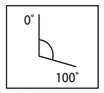
Optics options

15° Distribution | 25° Distribution | 40° Distribution | 90° Distribution

Mounting options

Spike Mount

Adjustment Range

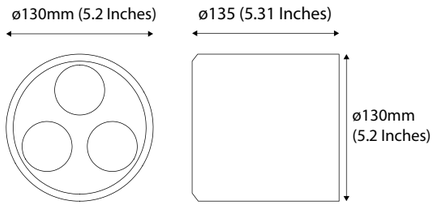


0°-100° Adjustment
From 0° to 100°
adjustment range

Finish options

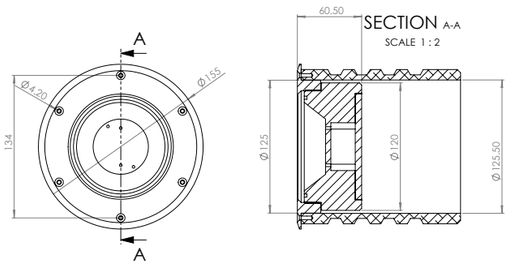
Anodized Silver | Anodized Black | Stainless Steel | MaxiSEAL (GunMetal) (Harsh Environment) Different finishes on request

Dimensions



Maximum running distance per MaxiLINK

MaxiPUNCH Static Series



Product specifications

Power Input:
220 - 240 VAC

Light Output:
800 lumens per luminaire with clear lens at 6500K.

Environment:
Dry, damp and wet locations (IP68).

Installation:
Recessed with sleeve

Watts:
12W per fitting.

Optics:
12°, 36°, 60°, and 135° (no lens).

Protection:
Thermal Safety cut out at 70°C (158°F)

Lumen Maintenance:
L70 predicted life of 57,500 hours.

Light Source:
CREE White LED's
2700K, 3500K, and 6500K

IK Rating:
IK10 Rating Drive over Option

Listings:
CE.

Mounting options

Sleeve
Recessed

Optics options

12° Distribution

36° Distribution

60° Distribution

135° Distribution

Finish options

Anodized Silver

Anodized Black

Stainless Steel

MaxiSEAL (GunMetal)
(Harsh Environment)
Different finishes
on request

MaxiPUNCH Static Recessed

MaxiLED Lighting

MaxiDEPTH 102 Series - DMX controllable

MaxiSEAL

Data over Power distribution to the fixtures

DMX
RGBW

2 Core
Data over Power

Product specifications

Power Input:
48VDC

Light Output:
160 lumens @ full RGBW on.
250 lumens @ full White on.

Environment:
IP68 (Depth 1 Meter)
Dry, damp and wet locations

Installation:
Available in :
Flush surface mounted base
Adjustable wall mount bracket
Recessed with sleeve

Watts:
4.7W per fitting.

Optics:
15°, 25°, 40°, and 90° (no lens).

Protection:
Thermal Safety cut out at 70°C
(158°F)

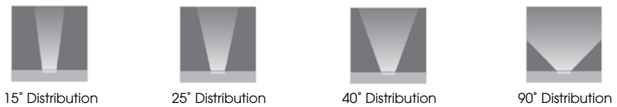
Lumen Maintenance:
Estimated 85% lumen maintenance
at 70,000 hours, L70 predicted life
of 132,000 hours.

IK Rating:
IK10 Rating Drive over Option

Listings:
CE.

Light Source:
CREE LED's
RGBWW(2700K) / RGBCW (6500K)
IW (2700K - 6500K)
2700K, 3500K, 6500K

Optics options



15° Distribution | 25° Distribution | 40° Distribution | 90° Distribution

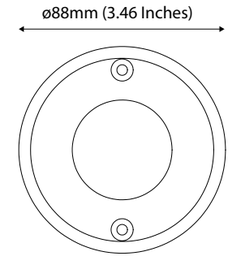
Finish options

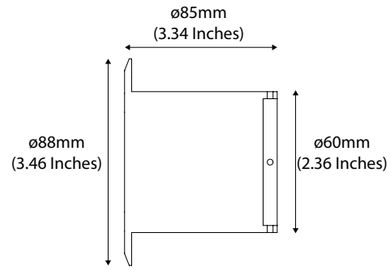
Anodized Silver | Anodized Black | Stainless Steel | MaxiSEAL (GunMetal) (Harsh Environment) Different finishes on request

Accessories

Recess Sleeve

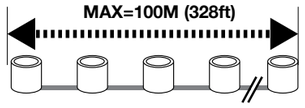
Dimensions



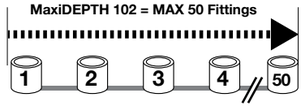


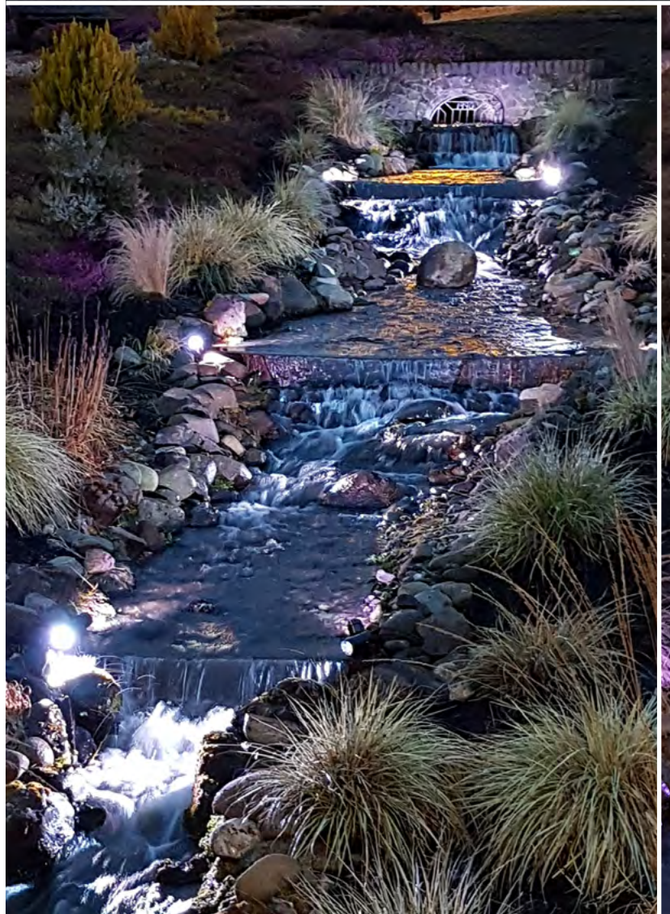
MaxiDEPTH 102 - Maximum running distance per MaxiLINK

MAX RUN LENGTH



MAX FITTING PER MAXILINK





MaxiDEPTH 302 Series - DMX controllable

MaxiSEAL

MaxiSEAL

Data over Power distribution to the fixtures

DMX
RGBW

2 Core
Data over Power

Product specifications

Power Input:
48VDC

Light Output:
250 lumens @ full RGBW on.
750 lumens @ full White on.

Environment:
IP68 (Depth 1 Meter)
Dry, damp and wet locations

Installation:
Available in :
Flush surface mounted base
Adjustable wall mount bracket
Recessed with sleeve

Watts:
14.1W per fitting.

Optics:
15°, 25°, 40°, and 90° (no lens).

Protection:
Thermal Safety cut out at 70°C
(158°F)

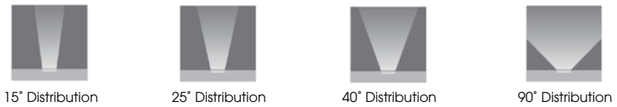
Lumen Maintenance:
Estimated 85% lumen maintenance at 70,000 hours, L70 predicted life of 132,000 hours.

IK Rating:
IK10 Rating Drive over Option

Listings:
CE.

Light Source:
CREE LED's
RGBWW(2700K) / RGBCW (6500K)
IW (2700K - 6500K)
2700K, 3500K, 6500K

Optics options



15˚ Distribution | 25˚ Distribution | 40˚ Distribution | 90˚ Distribution

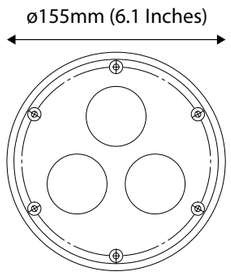
Finish options

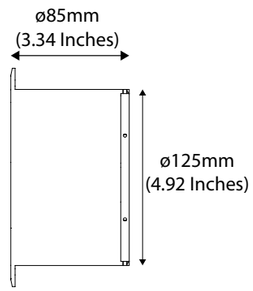
Anodized Silver | Anodized Black | Stainless Steel | MaxiSEAL (GunMetal) (Harsh Environment) Different finishes on request

Accessories

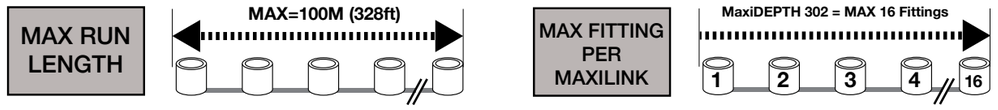
Recess Sleeve

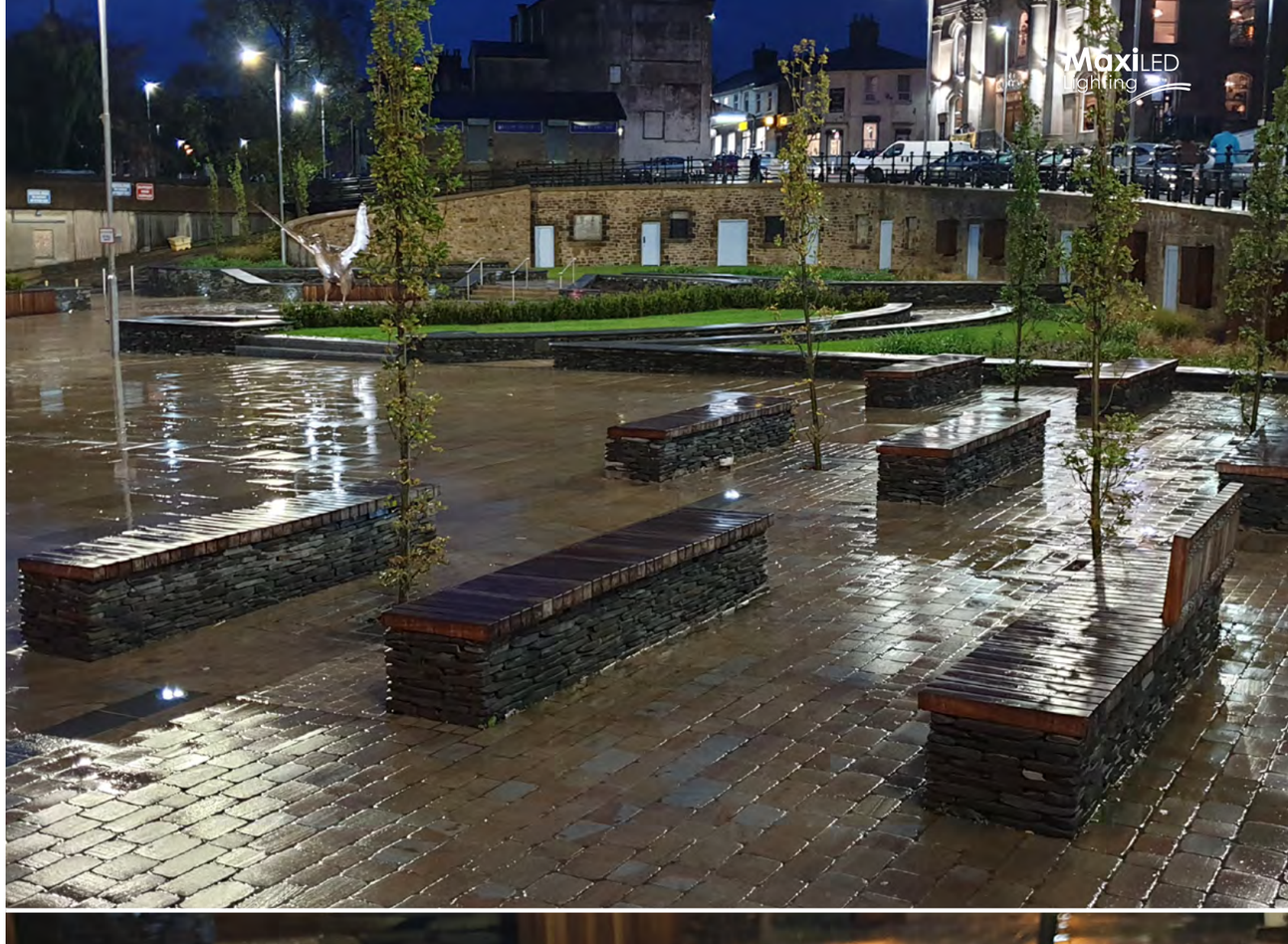
Dimensions



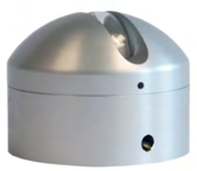


MaxiDEPTH 302 - Maximum running distance per MaxiLINK

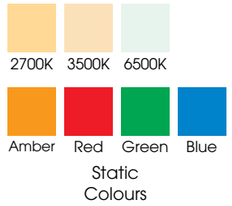




MaxiEDGE Series - DMX controllable



Surface Mounted



Static Colours

MaxiLINK ENABLED

Data over Power distribution to the fixtures

DATA Over POWER

2 Core
Data over Power

Product specifications

Power Input:
48VDC

Light Output:
190 lumens Est. @ full static colour on.
250 lumens Est. @ full static white on.

Environment:
Dust tight and water jet protection (IP66).

Installation:
Available in :
Flush surface mounted
Recessed

Watts:
4.7W per fitting.

Optics:
170° x 5°

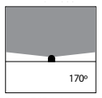
Protection:
Thermal Safety cut out at 70°C (158°F)

Lumen Maintenance:
Estimated 85% lumen maintenance at 70,000 hours, L70 predicted life of 132,000 hours.

Listings:
CE.

Light Source:
CREE LED's
Static 2700K, 3500K and 6500K
Red, Green, Blue and Amber LED's.
Other colours available on request.

Optics options



170° x 5°Distribution
Wide 170° x 5° sharp precise beam angle.

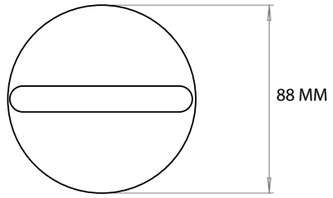
Finish options

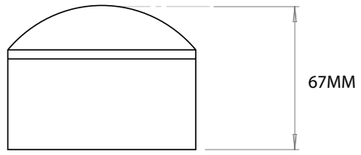
Anodized Silver

Anodized Black

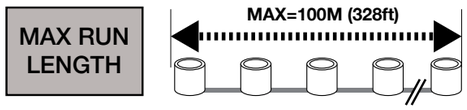
RAL Bespoke

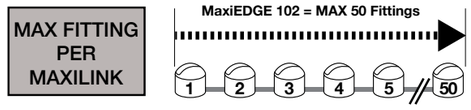
Dimensions



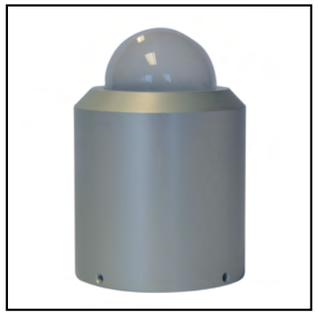


Maximum running distance per MaxiLINK





MaxiDOT 180° Direct View Series - DMX Controllable



MaxiLINK ENABLED

Data over Power distribution to the fixtures

DMX
RGBW

DATA Over POWER

2 Core
Data over Power

Product specifications

Power Input:
48VDC

Light Output:
160 lumens @ full RGBW on. EST.
250 lumens @ full White on. EST.

Environment:
Dry, damp and wet locations (IP66).

Installation:
Flush surface mounted

Watts:
4.7W per fitting.

Optics:
180° (no lens).

Protection:
Thermal Safety cut out at 70°C (158°F)

Lumen Maintenance:
Estimated 85% lumen maintenance at 70,000 hours, L70 predicted life of 132,000 hours.

Listings:
CE.

Light Source:
CREE LED's
RGBWW(2700K) / RGBCW (6500K)
IW (2700K - 6500K)
2700K, 3500K, 6500K

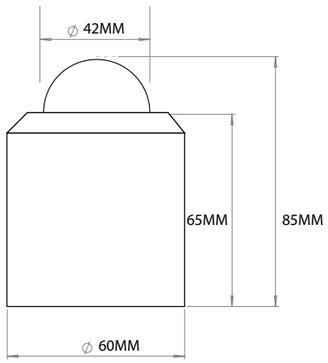
Finish options

Anodized Silver

Anodized Black

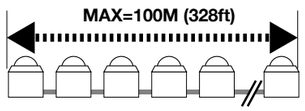
RAL Bespoke

Dimensions

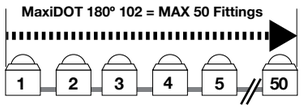


MaxiDOT - Maximum running distance per MaxiLINK

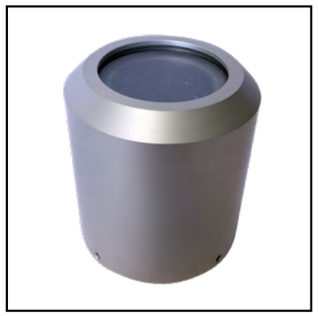
MAX RUN LENGTH



MAX FITTING PER MAXILINK



MaxiDOT Direct View Series - DMX Controllable



MaxiLINK ENABLED

Data over Power distribution to the fixtures

DMX
RGBW

DATA Over POWER

2 Core
Data over Power

Product specifications

Power Input:
48VDC

Light Output:
160 lumens @ full RGBW on. EST.
250 lumens @ full White on. EST.

Environment:
Dry, damp and wet locations (IP67).

Installation:
Flush surface mounted

Watts:
4.7W per fitting.

Optics:
Direct view - Frosted Glass

Protection:
Thermal Safety cut out at 70°C (158°F)

Lumen Maintenance:
Estimated 85% lumen maintenance at 70,000 hours, L70 predicted life of 132,000 hours.

Listings:
CE.

Light Source:
CREE LED's
RGBWW(2700K) / RGBCW (6500K)
IW (2700K - 6500K)
2700K, 3500K, 6500K

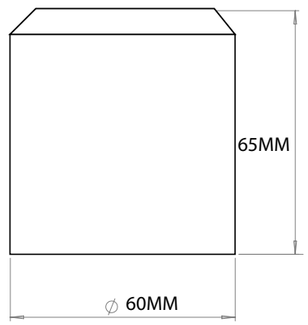
Finish options

Anodized Silver

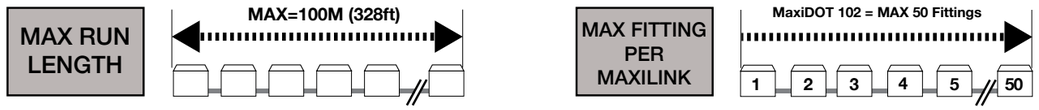
Anodized Black

RAL Bespoke

Dimensions



MaxiDOT - Maximum running distance per MaxiLINK



MaxiDUO - Up and down individually DMX controllable

Data over Power distribution to the fixtures

DMX
RGBW

2 Core
Data over Power

Product specifications

Power Input:
48VDC

Light Output:
190 lumens @ full RGBW on. EST.
300 lumens @ full White on. EST.

Environment:
Dry, damp and wet locations (IP67).

Installation:
Flush surface mounted

Watts:
9.4W per fitting.

Optics:
15˚, 25˚, 40˚, 15˚x30˚, 80˚ (no optic)

Protection:
Thermal Safety cut out at 70°C (158°F)

Lumen Maintenance:
Estimated 85% lumen maintenance at 70,000 hours, L70 predicted life of 132,000 hours.

Listings:
CE.

Light Source:
CREE LED´s
RGBWW(2700K) / RGBCW (6500K)
IW (2700K - 6500K)
2700K, 3500K, 6500K

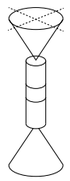
Finish options

Anodized Silver

Anodized Black

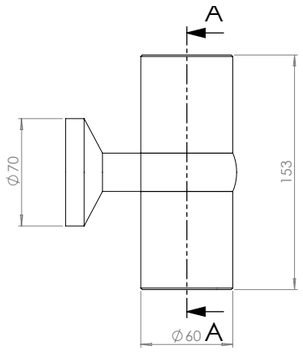
RAL Bespoke

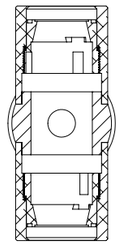
Optics options



Duo Control
Each section of the fitting can be individually controlled and house different optics.

Dimensions

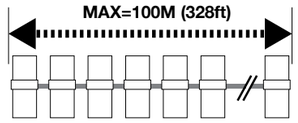




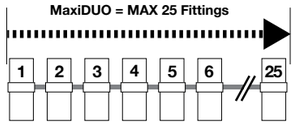
SECTION A-A
SCALE 1 : 2

MaxiDUO - Maximum running distance per MaxiLINK

MAX RUN LENGTH



MAX FITTING PER MAXILINK



MaxiLANTERN - DMX controllable

MaxiLINK ENABLED

Data over Power distribution to the fixtures

DMX
RGBW

DATA Over POWER

2 Core
Data over Power

Product specifications

Power Input:
48VDC

Light Output:
98.3 lumens per clear fitting at full RGBW on.

Environment:
Dry, damp and wet locations (IP68).

Installation:
Clips available for zip-tie mounting to any surface or catenary cable. Elastic cable ties also available for trees and live landscaping.

Watts:
2.35W per Globe at full RGBW on.

Protection:
Thermal Safety cut out at 70°C (158°F)

Lumen Maintenance:
Estimated 85% lumen maintenance at 70,000 hours, L70 predicted life of 132,000 hours.

Cable/Run Lengths:
100 Fittings per MaxiLINK.
175m (574ft) maximum strand length including 75m (246ft) maximum length for leader cable to first fitting.

Listings:
CE,

Light Source:
CREE LED's
RGBWW(2700K) / RGBCW (6500K)
IW (2700K - 6500K)
2700K, 3500K, 6500K

Lantern finish options

Frosted

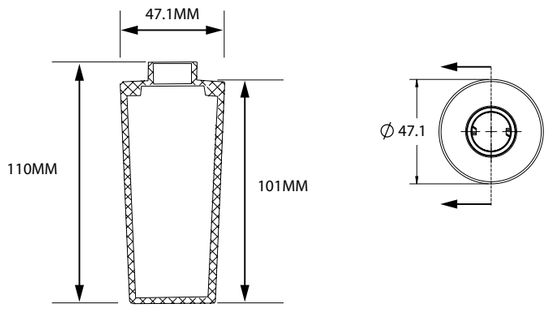
Clear

Cable color options

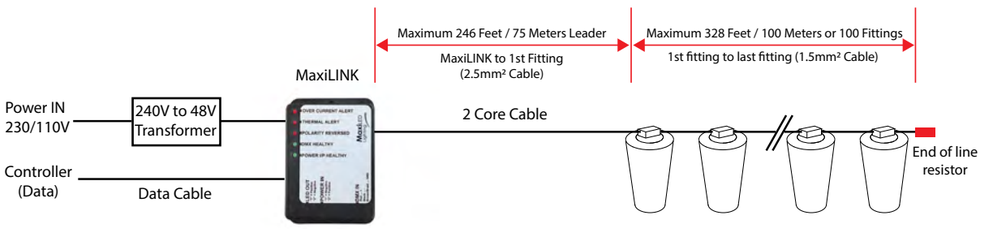
Black

White

Dimensions



MaxiLANTERN DMX RGBW Wiring example



MaxiCRYSTAL - DMX controllable

MaxiLINK ENABLED

Data over Power distribution to the fixtures

DMX
RGBW

DATA Over POWER

2 Core
Data over Power

Product specifications

Power Input:
48VDC

Light Output - Decorative light:
130 lumens Est. RGBW on.
220 lumens Est.@ full White on.

Environment:
IP20

Installation:
Clips available for zip-tie mounting to any surface or walls. Trunking for concealing cables and elastic cable ties also available for indoor landscaping.

Watts:
4.7W per fitting.

Optics:
Clear glass crystal diamond prism

Protection:
Thermal Safety cut out at 70°C (158°F)

Cable/Run Lengths:
30 Fittings per MaxiLINK.
175m (574ft) maximum strand length including 75m (246ft) maximum length for leader cable to first fitting.

Listings:
CE.

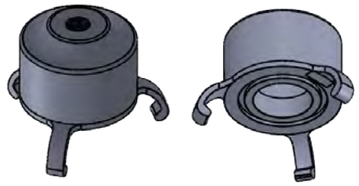
Light Source:
CREE LED's
RGBWW(2700K) / RGBCW (6500K)
IW (2700K - 6500K)
2700K, 3500K, 6500K

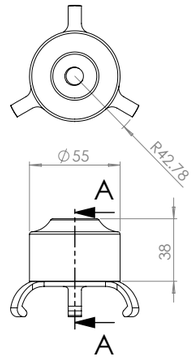
Lumen Maintenance:
Estimated 85% lumen maintenance at 70,000 hours, L70 predicted life of 132,000 hours.

Cable color options

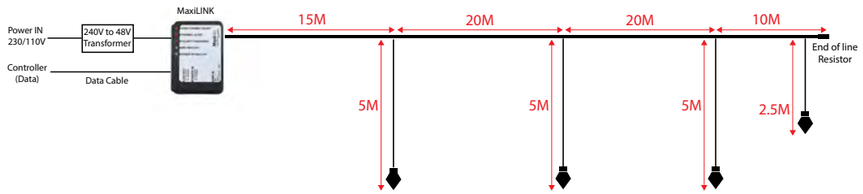
Black White Clear

Dimensions





MaxiCRYSTAL DMX RGBW Wiring example



Run Lengh:15M + 20M + 20M + 20M + 10M = **65M**
Drop Lengh: (5Mx2) + (5Mx2) + (5Mx2) +(2.5Mx2) = **35M**
Total Length: 100M

MaxiPENDANT 64mm Globe - DMX controllable

MaxiLINK ENABLED

Data over Power distribution to the fixtures

DMX
RGBW

DATA Over POWER

2 Core
Data over Power

Product specifications

Power Input:
48VDC

Light Output:
98.3 lumens per clear Globe at full RGBW on.

Environment:
Internal (IP20).

Installation:
Track adaptor or supplied with flying lead.

Watts:
2.35W per Globe at full RGBW on.

Protection:
Thermal Safety cut out at 70°C (158°F)

Lumen Maintenance:
Estimated 85% lumen maintenance at 70,000 hours, L70 predicted life of 132,000 hours.

Cable/Run Lengths:
100 Globes per MaxiLINK.
175m (574ft) maximum strand length including 75m (246ft) maximum length for leader cable to first fitting.

Listings:
UL/cUL, CE, FCC, IK07 impact protection, BS EN 60598, IEC 60598

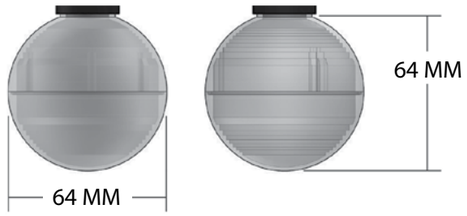
Light Source:
CREE LED's
RGBWW(2700K) / RGBCW (6500K)
IW (2700K - 6500K)
2700K, 3500K, 6500K

Globe finish options

Frosted

Clear

Dimensions



Track Color (Rigid Conduit) / Flying lead options

Black

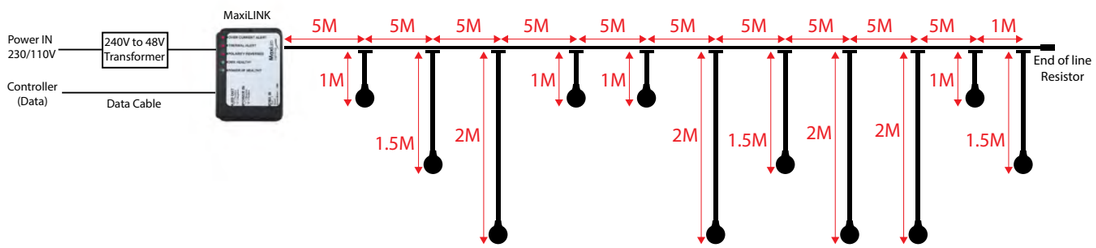
RAL
Bespoke

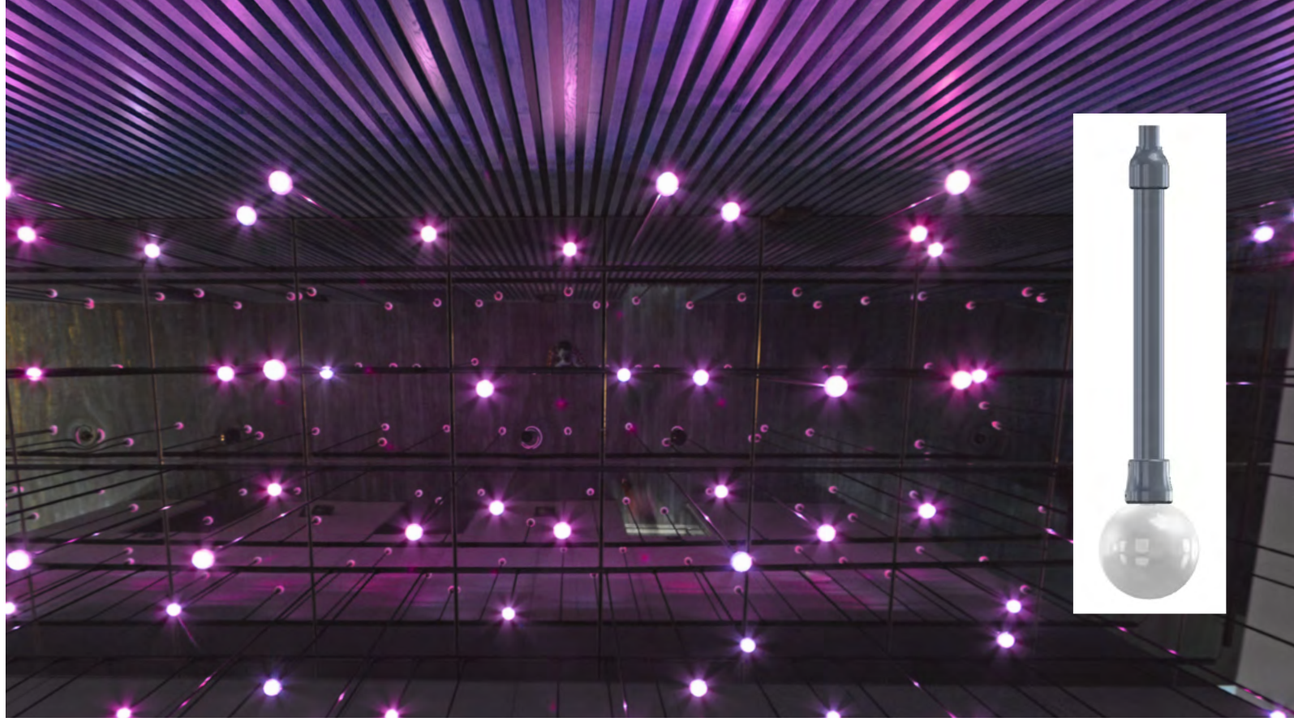
Black
Flying lead

Clear
Flying lead

White

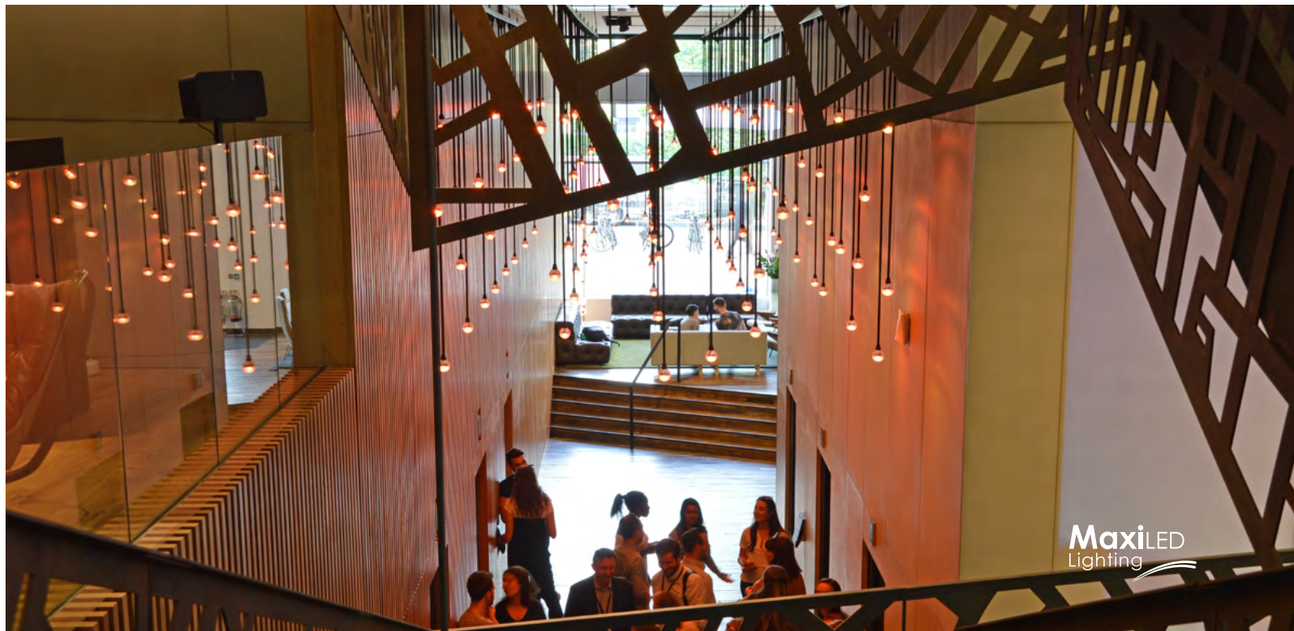
MaxiPENDANT DMX controllable Track system wiring example





Design

Maxiled lighting have developed this range into a unique patent pending easy installation system for low power DMX projects over any two wires 1.5 or 2.5sqmm cable. The DMX install is simply the same wiring as a static install. This project uses 3 phase track and adaptors with 1 phase removed, the DMX is running on the back of the power through the track and tells each individual light point what to do. All drivers and control can be housed 75metres away from the lighting. Simple, clean and unique especially for any installer that is not experienced in DMX installs.



Focal Facade Series - RGBW (DMX)

MaxiLINK ENABLED

Data over Power distribution to the fixtures

DMX
RGBW

DATA Over POWER

2 Core
Data over Power

Product specifications

Power Input:
48VDC

Light Output:
98.3 lumens per clear Globe at full RGBW on.

Environment:
Dry, damp and wet locations (IP68).

Installation:
Clips available for zip-tie mounting to any surface or walls. Trunking for concealing cables.

Watts:
2.35W per Globe at full RGBW on.

Lumen Maintenance:
Estimated 85% lumen maintenance at 70,000 hours, L70 predicted life of 132,000 hours.

Cable/Run Lengths:
100 Globes per MaxiLINK.
175m (574ft) maximum strand length.
75m (246ft) maximum length for leader cable to first fitting.

Protection:
Thermal Safety cut out at 70°C (158°F)

Listings:
UL/cUL, CE, FCC, IK07 impact protection, BS EN 60598, IEC 60598

Light Source:
CREE LED's
RGBWW(2700K) / RGBCW (6500K)
IW (2700K - 6500K)
2700K, 3500K, 6500K

Globe finish options

Frosted

Clear

Finish options

Anodized Silver

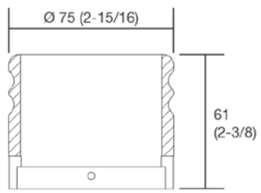
Anodized Black

Stainless Steel

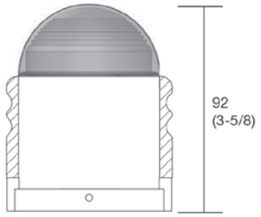
RAL Bespoke

Dimensions

HOUSING

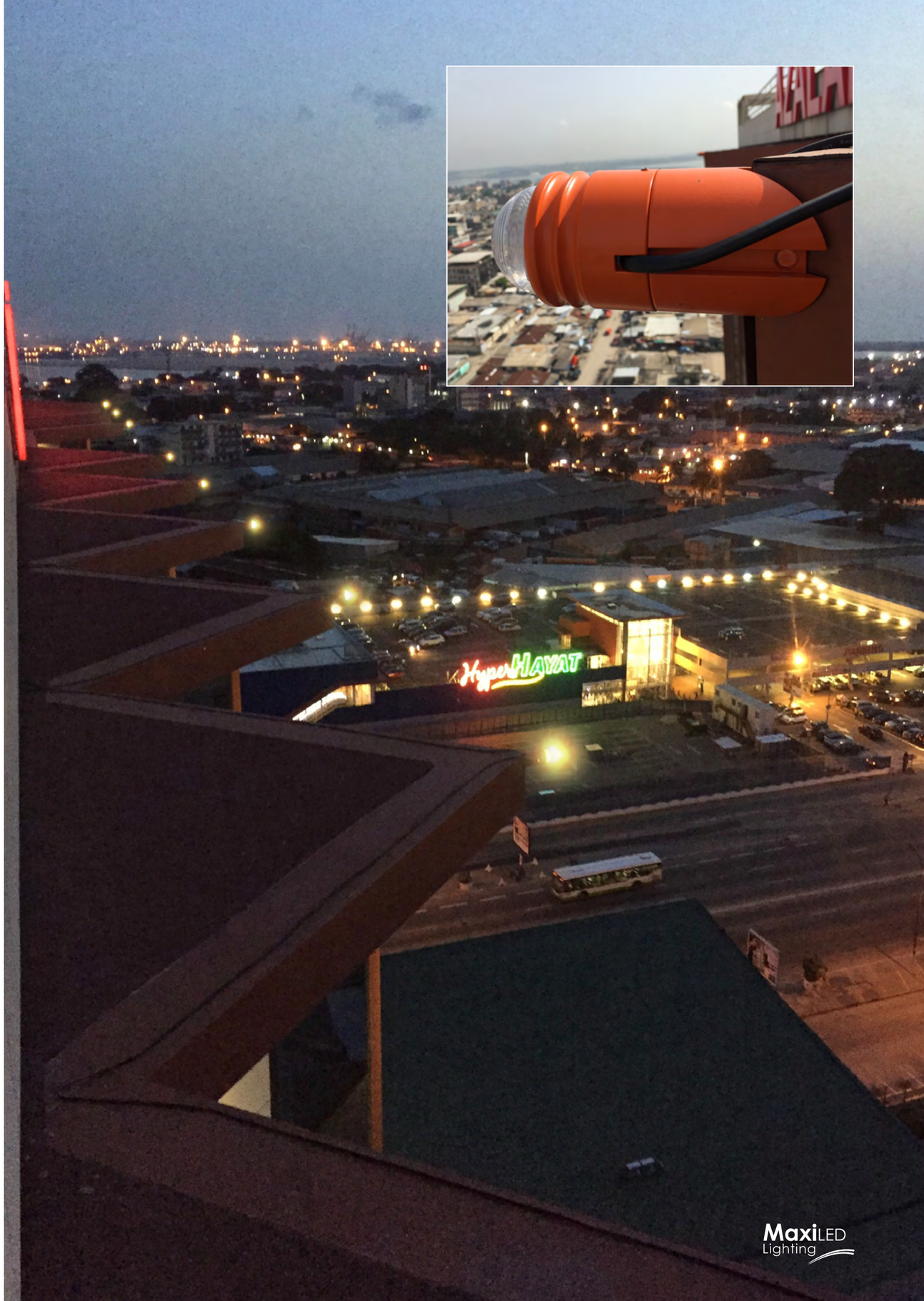


GLOBE IN HOUSING



Housing accessories

Building corner profile housing



Large Globe Series - RGBW (DMX)

MaxiLINK ENABLED

Data over Power distribution to the fixtures

DMX
RGBW

DATA Over POWER

2 Core
Data over Power

Product Specifications

Power Input:
48VDC

Light Output:
98 lumens per clear Globe at full RGBW on.

Environment:
Dry, damp and wet locations (IP68).

Protection:
Thermal Safety cut out at 70°C (158°F)

Watts:
2.35W per Globe at full RGBW on.

Lumen Maintenance:
Estimated 85% lumen maintenance at 70,000 hours, L70 predicted life of 132,000 hours.

Cable/Run Lengths:
100 Globes per MaxiLINK.
175m (574ft) maximum strand length.
75m (246ft) maximum length for leader cable to first fitting.

Listings:
UL/cUL, CE, FCC, IK07 impact protection, BS EN 60598, IEC 60598

Light Source:
CREE LED's
RGBWW(2700K) / RGBCW (6500K)
IW (2700K - 6500K)
2700K, 3500K, 6500K

Installation:
Clips available for zip-tie mounting to any surface or walls. Trunking for concealing cables and elastic cable ties also available for trees and live landscaping.

Globe Finish Options

Clear

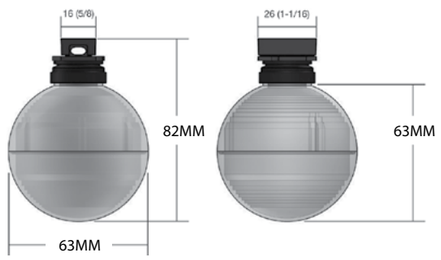
Frosted

Cable Color Options

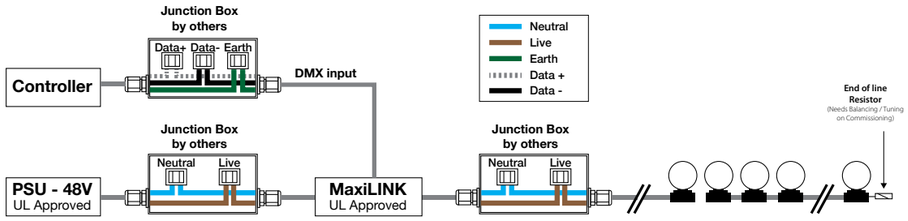
Black

White

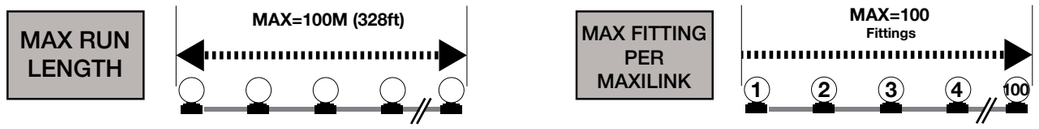
Dimensions



MaxiLED Large globe Static Wiring example



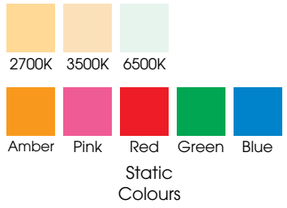
MaxiLED Large globe Static - Maximum running distance per MaxiLINK



Click to view the video

MaxiLED Lighting

Large / Small Globe Series - Static



Product Specifications

Power Input:
24VDC

Watts:
0.6W per Globe.

Listings:
CE, FCC, IK07 impact protection, BS EN 60598, IEC 60598

Environment:
Dry, damp and wet locations (IP68).

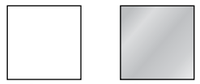
Lumen Maintenance:
Estimated 85% lumen maintenance at 70,000 hours, L70 predicted life of 132,000 hours.

Light Source:
CREE LED's
Static 2700K, 3500K and 6500K
Red, Green, Blue, Pink and Amber LED's.

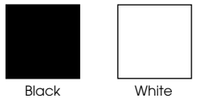
Installation:
Clips available for zip-tie mounting to any surface or walls. Trunking for concealing cables and elastic cable ties also available for trees and live landscaping.

Cable/Run Lengths:
300 Globes per strand.
100 m (328 feet) maximum strand length.

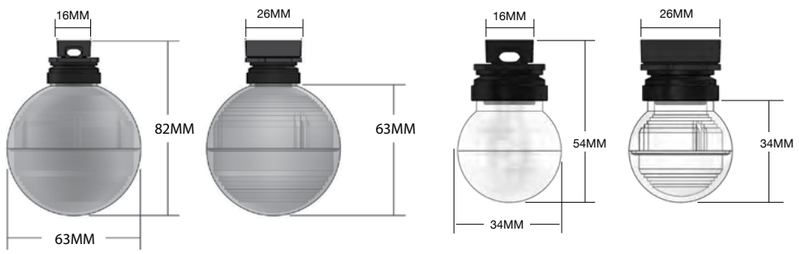
Globe Finish Options



Cable Color Options

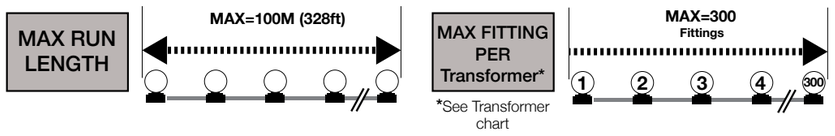


Dimensions Large / Small Globe



MaxiLED Large / Small Globe Static Wiring example

MaxiLED Large / Small Globe Static - Maximum running distance per Transformer



Transformer	Max. Quantity of Fittings
100W	100 Globes
150W	200 Globes
240W	300 Globes

Retro-Fit Series - DMX RGBW GU10, B22, E27

GU10 Internal Fitting

B22 Internal Fitting

E27 Internal Fitting

MaxiLINK ENABLED

Data over Power distribution to the fixtures

DMX
RGBW

DATA Over POWER

2 Core
Data over Power

Product specifications

Power Input:
48VDC

Watts:
4.7W

Listings:
CE

Light Output:
RGBW: 190 lumens (RGBW Full on).
Intelligent White: 300 lumens.

Protection:
Thermal Safety cut out at 70°C (158°F)

Installation:
Retro - fit, direct replacment once MaxiLINK installed.

Lumen Maintenance:
High Output: 85% lumen maintenance at 90,000 Hrs

Light Source:
CREE LED's
RGBWW(2700K) / RGBCW (6500K)
IW (2700K - 6500K)
2700K, 3500K, 6500K

Environment:
IP20

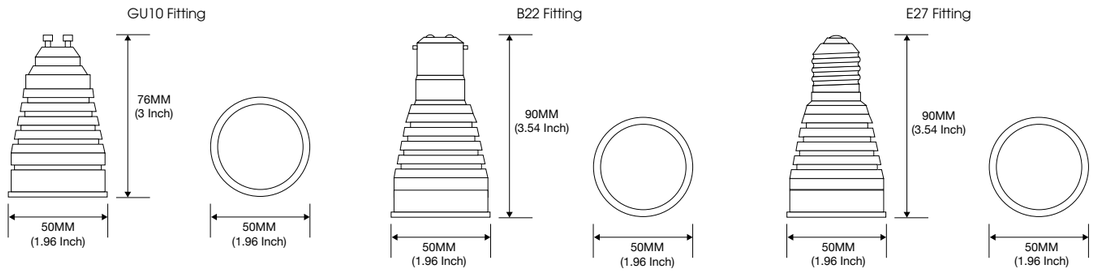
Optics options

15° Distribution
25° Distribution
40° Distribution
80° Distribution

Finish Options

Anodized Silver
Anodized Black

Dimensions



Power and Control - MaxiLINK®

MaxiLINK ENABLED

Data over Power distribution to the fixtures

DMX
RGBW

DATA Over POWER

2 Core
Data over Power

Product Specifications

Power Input:
48VDC

Data Input:
DMX-512

Dimensions:
105mm (4.13 inch) x 72mm (2.84 inch)
x 34mm (1.34 inch)

Environment:
Dry, damp and wet locations (IP68). May be installed in weather resistant case for outdoor installations with punitive wet conditions.

Protection:
Short circuit / Open circuit / Over temperature.

Installation:
Unit can be screw fixed to any surface using suitable fixings.

Power Output:
250 Watts MAX. Per circuit.

Output:
48VAC to MaxiLED run (or strand).
DMX data is delivered on the same two core cable.

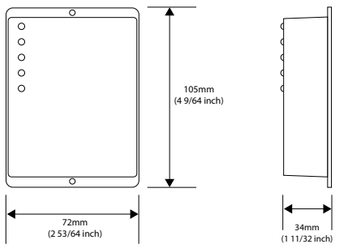
Weight:
400g (14.1oz).

Connectors:
Water-tight (IP68) and self-locking.
Available on request.

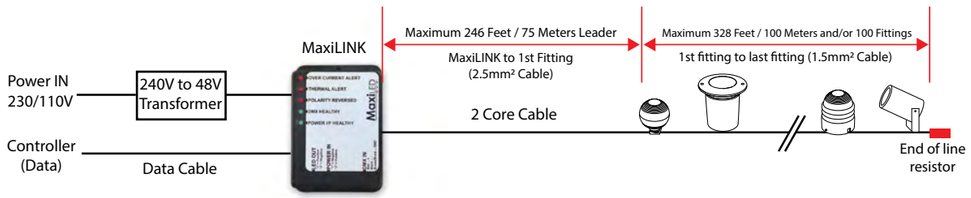
Listings:
UL/cUL, UR, CE

Cable/Run Lengths:
Each MaxiLINK® unit can control up to 100 RGBW Globes/Fittings. Using DMX protocol over a maximum 100m (328 ft) of cable. Maximum 75m (246 ft) from MaxiLINK® to first fitting.

Dimensions



MaxiLINK® Wiring Schematic Example @ 100mAh



Power and Control - Power Supplies

12V / 24V / 48V
100W / 240W / 320W / 600W Constant Voltage
LED Lighting Power Supplies
To be used with - Static and DMX RGBW Data Over Power Products.

Product Specifications

Power Input:
AC input (47/63 Hz):
100W Model: 90-305VAC
240W Model: 90-305VAC
320W Model: 90-305VAC
600W Model: 90-305VAC

Power Output:
100W / 240W / 320W / 600W Models

Input Current:
100W Model - 0.55 AMP
240W Model - 1.3 AMP
320W Model - 1.65 AMP
600W Model - 3.3 AMP

Output:
48VDC

Dimensions:
100W Model: 220mm x 68mm x 39mm
240W Model: 245mm x 68mm x 39mm
320W Model: 252mm x 90mm x 44mm
600W Model: 280mm x 145mm x 49mm

Weight:
100W Model: 1120g (40oz).
240W Model: 1224g (44oz).
320W Model: 1872g (66oz).
600W Model: 3900g (138oz).

Environment:
IP65. May be installed in weather resistant case for outdoor installations with punitive wet conditions.

Listings:
UL/cUL, CE.

Protection:
Short circuit / Open circuit / Over temperature.

Operating Temperature:
-40° to 70°C (-40° to 158°F)

Installation:
Unit can be screw fixed to any surface using suitable fixings.

Power and Control - Power Supplies

Power Supply Quick Reference data

Low Voltage Electronic Drivers
A range of IP rated low voltage electronic drivers which have been specifically designed for use with these LED Lighting Systems. These small and lightweight low voltage drivers suit both single small applications and larger scale multiple strand applications.

	12VDC 100W	12VDC 120W	24VDC 100W	24VDC 150W	24VDC 240W	48VDC 100W	48VDC 240W	48VDC 320W	48VDC 600W
110 - 277VAC input	●		●						
90 - 305VAC input		●		●	●	●	●	●	●
Power factor corrected for high efficiency	●	●	●	●	●	●	●	●	●
Working Temperature -40˚c to 80˚c	●	●							
Working Temperature -40˚c to 70˚c						●	●	●	●
Working Temperature -40˚c to 50˚c			●	●	●				
Short circuit, over load, over voltage & over temperature protections	●	●	●	●	●	●	●	●	●
IP65 Designed for indoor or outdoor installation	●	●	●	●	●	●	●	●	●
World Wide Availability		●		●	●	●	●	●	●
USA and Canada Availability	●		●						
UL / cUL / CE	●	●	●	●	●	●	●	●	●

Product Power Supply Selector

	MaxiLINK	12VDC 100W	12VDC 120W	24VDC 100W	24VDC 150W	24VDC 240W	48VDC 100W	48VDC 240W	48VDC 320W	48VDC 600W
Large / Small Globe Series RGB Random		●	●							
Large Globe Series High Output				●	●	●				
Large Globe Series Single Colour				●	●	●				
Large Globe Series RGBW (DMX)	●						●	●	●	●
Marker Effect Series RGBW (DMX)	●						●	●	●	●
MaxiPUNCH Series RGBW (DMX)	●						●	●	●	●
MaxiDEPTH Series RGBW (DMX)	●						●	●	●	●
MaxiEDGE Series RGBW (DMX)	●						●	●	●	●
MaxiDOT Direct View Series RGBW (DMX)	●						●	●	●	●
MaxiPENDANT Series RGBW (DMX)	●						●	●	●	●
MaxiLANTERN Series RGBW (DMX)	●						●	●	●	●
MaxiCRYSTAL RGBW (DMX)	●						●	●	●	●
MaxiDUO RGBW (DMX)	●						●	●	●	●
Focal Facade Series RGBW (DMX)	●						●	●	●	●
Retro-fit Series RGBW (DMX)	●						●	●	●	●

MaxiLED Lighting

Case Study - Marker Effect Series - DMX

MaxiLINK ENABLED

Data over Power distribution to the fixtures

DMX
RGBW

DATA Over POWER

2 Core
Data over Power

Scan to view the video

Project Information

Client: Ardbeg Distillery
Location: Islay, Scotland
Products Used: RGBW DMX MaxiLED Marker Effect Series.
Controller Used: Pharos

Background

Ardbeg Distillery celebrate their Bicentennial anniversary with a major redevelopment of the Visitors Centre.
Large purpose built stone walls constructed from a locally sourced quarry were used to develop a impressive walkway entrance for visitors.
The materials used were enhanced using RGBW DMX MaxiLED Marker Effect series.

Finish Used

Stainless Steel

Design

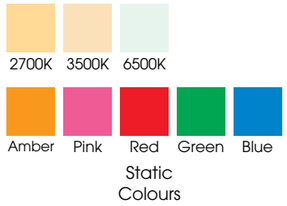
The primary brief given to the team at MaxiLED lighting, was to enhance the visitors entrance using a LED Lighting solution.
With the severe and volatile weather conditions experienced in the Scottish Isle of Islay. Water ingress would be a major concern for any product used in this location.
The RGBW (DMX) MaxiLED Marker effect series is Rated IP68. With operating temperatures -20˚C(-4˚F) to +50˚C(122˚F), it provides complete protection against the extreme elements of the Scottish weather.

Using the unique data over power, wiring was kept to a minimum, ONLY using a single cable.
The product is fully programmable, allowing the programmer to individually control any color from RGBW spectrum on each and every individual Lamp.

“Volatile weather conditions experienced in the Scottish Isle of Islay”

MaxiLED Lighting

Case Study - Large Globe Series



Project Information

Client: Boardwalk Casino

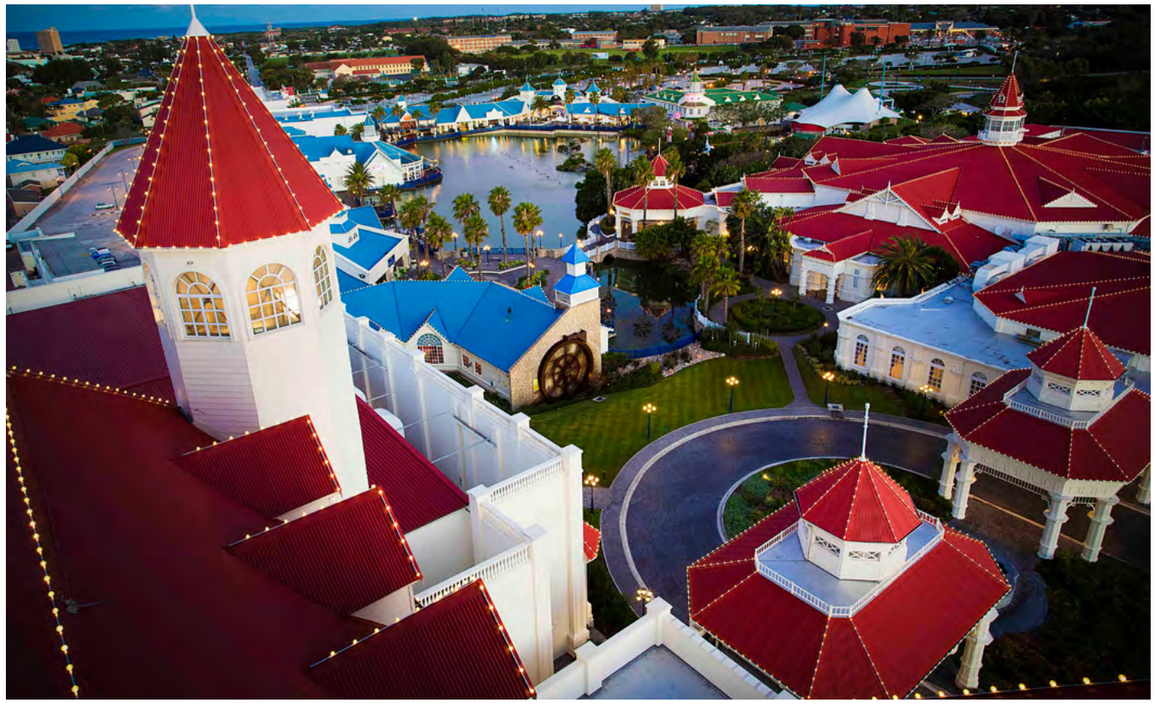
Location: Port Elizabeth. South Africa

Products Used: MaxiLED Large Globe series

Background

Set within earshot of the Indian Ocean waves breaking on Port Elizabeth's top Blue Flag beach. The Boardwalk is served by hotels catering to tastes and budgets – with breathtaking views of the ocean.

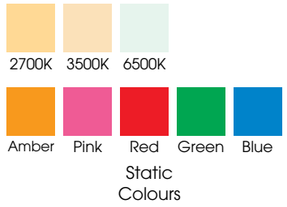
The client's brief was to enhance the architectural details of the hotel and complex.
A low energy and low maintenance solution was needed for this project.
The MaxiLED Large Globe series was an ideal product for this application.



Design

The lighting scheme by MaxiLED lighting was to enhance the architectural elements of the buildings. Seemlessly integrating the MaxiLED Large globe series with the sophisticated contours of the structure.
With over 25,000 separate individual lighting nodes, a low energy LED lamp was the only resolution. With maintenance playing an important factor, the requisite for a durable, robust and long life lighting solution to meet the demanding requirements of the customer.
Water ingress would be a major concern for any product used in a coastal location.
The MaxiLED Large Globe series is Rated IP68, which can operate in temperatures
-20˚C(-4˚F) to +50˚C(122˚F) with a UV stabilized clear globe which provides complete protection against the elements.

Case Study - Large Globe Series



Project Information

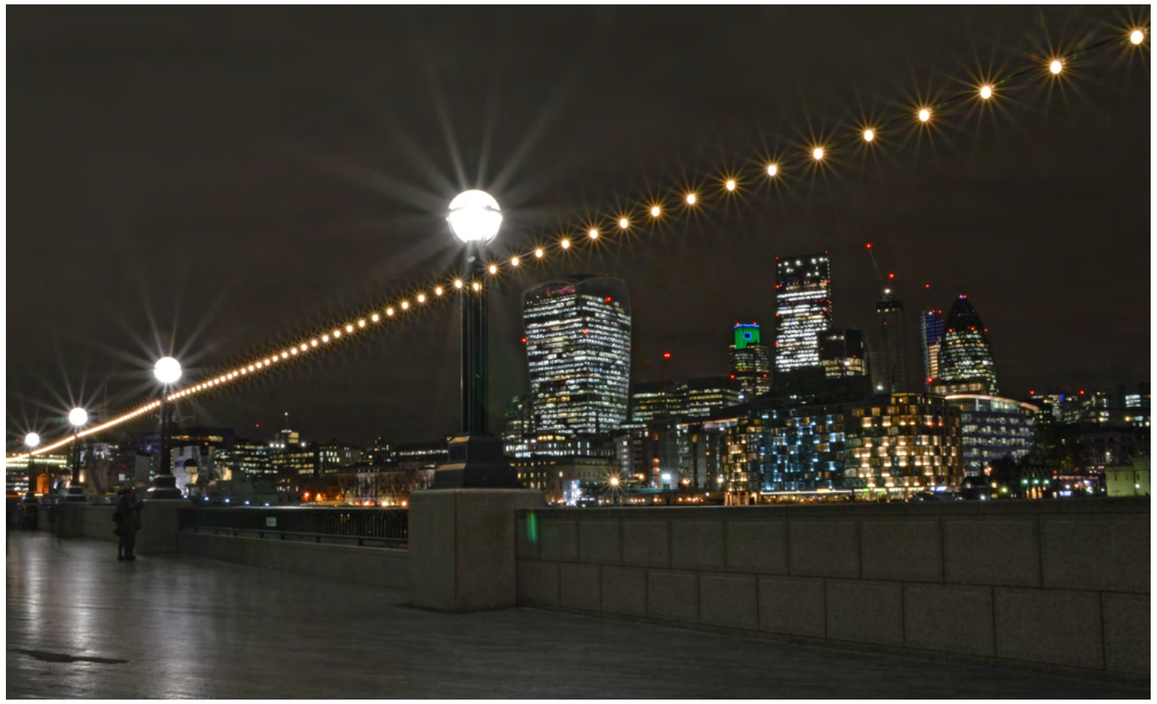
Location: Thames Embankment London. England

Products Used: MaxiLED Large Globe series

Background

Situated on the Famous Thames Embankment, London, with the backdrop of Tower Bridge. MaxiLED was presented with the opportunity to enhance the pedestrian walkway which stretched several hundred meters.

MaxiLED provided a classic and timeless low voltage solution, Large Globe series with static warm white LED.



Case Study - MaxiPENDANT 64mm Globe DMX

MaxiLINK ENABLED

Data over Power distribution to the fixtures

DMX RGBW

DATA Over POWER

2 Core Data over Power

Scan to view the video

Project Information

Client: Havas

Location: London. England

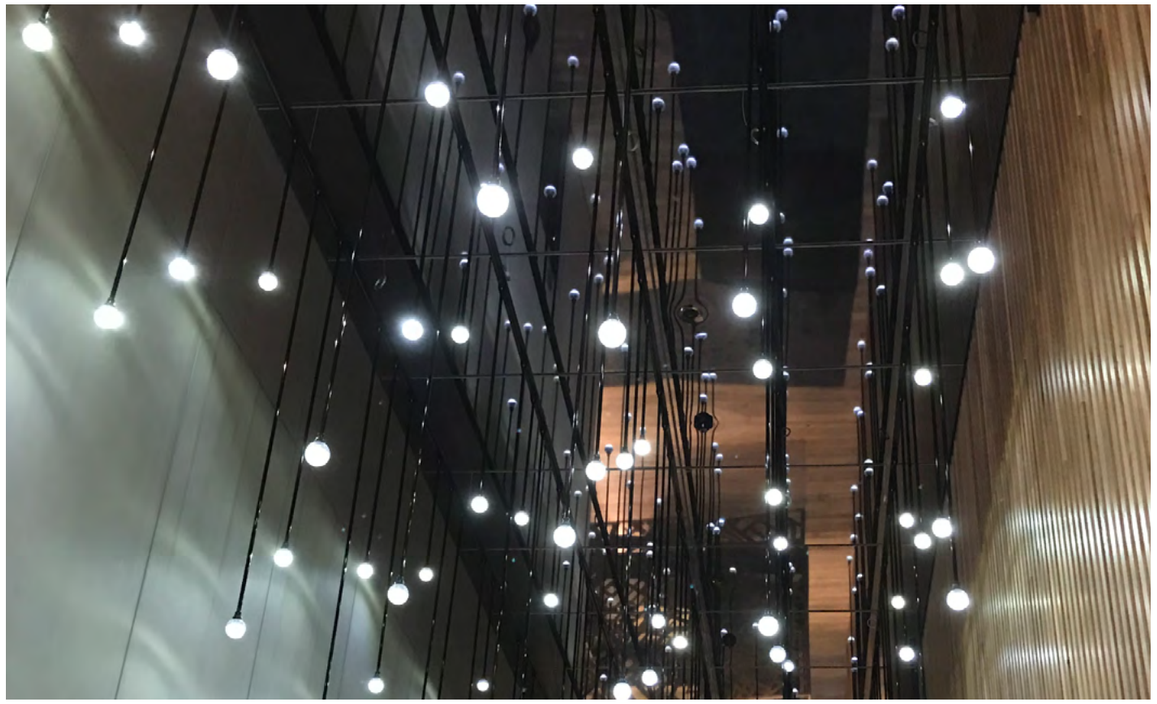
Products Used: MaxiPENDANT 64mm Globe series

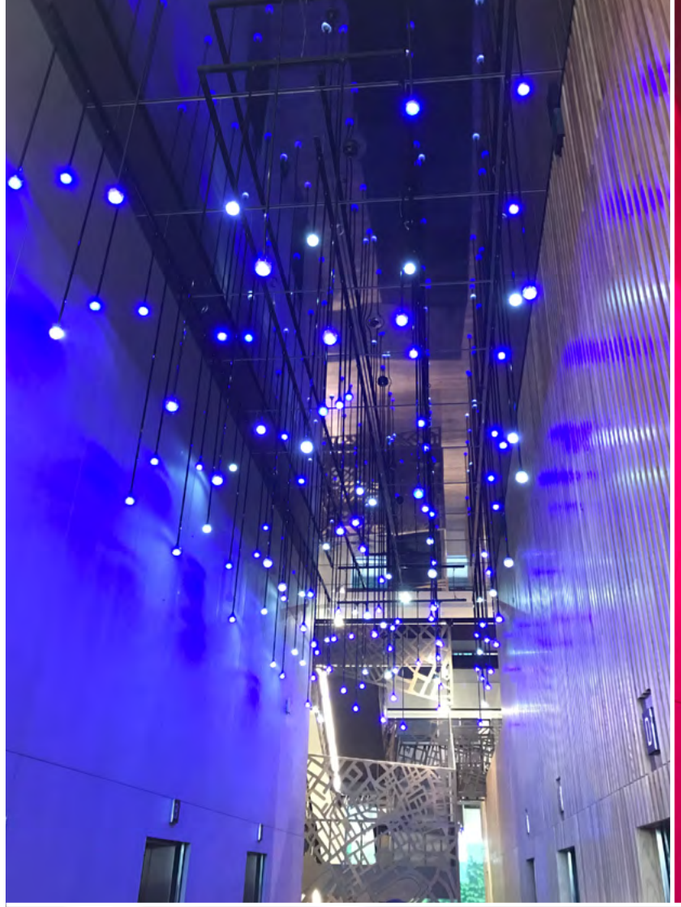
Controller Used: Pharos

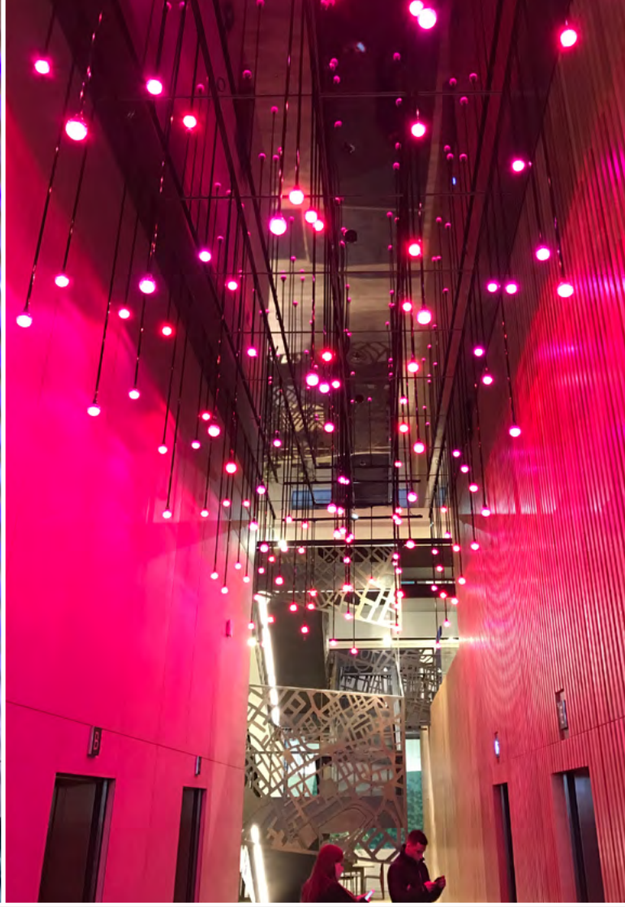
Background

MaxiLED lighting was given the brief to design a fully controllable DMX RGBW Bespoke fitting which would be situated in a contemporary commercial foyer.

MaxiLED took this opportunity to develop an exclusive lighting design used to enhance the material properties used in the foyer. A fully controllable RGBW pendant design was coupled with a track lighting system to give the flexibility of an evenly distributed lighting solution.







Case Study - MaxiLED Large Globe DMX

MaxiLINK ENABLED

Data over Power distribution to the fixtures

DMX
RGBW

DATA Over POWER

2 Core
Data over Power

Scan to view the video

Project Information

Client: Scottish Canals - United Kingdom

Location: Falkirk, Scotland - United Kingdom

Products Used: MaxiLED Large Globe RGBW DMX

Controller Used: MaxiLINK and Pharos

Background

Falkirk tunnel, which is 690 yards in length and has a towpath running right through it, has been cut out of solid rock, with deep rock cuttings existing at both ends. There is constant water seepage through the roof. The tunnel which dates back to 1818 is part of the Union Canal and is located close to the iconic Falkirk Wheel.

Scottish Canals upgraded the existing functional lighting to programmable White LED, but in addition wanted to include a dynamic RGBW LED solution to add to the general atmosphere of the space. MaxiLED worked in conjunction with Scottish Canals, to provide an appropriate Lighting solution that could be programmed but also endure the testing conditions within the tunnel. MaxiLED RGBW Festoon product was selected specifically because of the IP68 and IK07 rating and the easy installation method using catenary cable to reduce the amount of fixings.

A further development was the addition of a 3G remote access control interface which allows the client to change control settings from the office or home using a mobile phone or laptop.

Case Study - MaxiPUNCH 102 DMX

MaxiLINK ENABLED

Data over Power distribution to the fixtures

DMX RGBW

DATA Over POWER

2 Core Data over Power

Project Information

Client: Telford and Wrekin council - United Kingdom

Location: Telford, England - United Kingdom

Products Used: MaxiPUNCH 102 DMX RGBW

Controller Used: MaxiLINK and Pharos

Background

Southwater One boasts a new library, a coffee shop and Telford and Wrekin Council's main advice centre.
Dubbed Telford's "flagship community building" by the local authority, it also houses a lake and public spaces.

As part of the development of SW1 Southwater, the council wanted to combine the architectural lighting elements of the SW1 building and the new Travelodge hotel. Bringing together the landscaping elements which included specially designed etched totems and tree uplighting.

LITE appraised the scheme and due to the location and distances involved suggested the Low Voltage MaxiPUNCH 102 RGBW luminaries, using adjustable wall bracket mounts to highlight the internal portion of the totems and the recessed variant to uplight the trees.

Case Study - Retro-fit GU10 DMX

MaxiLINK ENABLED

Data over Power distribution to the fixtures

DMX
RGBW

DATA Over POWER

2 Core
Data over Power

Scan to view the video

Project Information

Client: Ardbeg Distillery

Location: Islay

Products Used: MaxiLED GU10 Retro-fit RGBW DMX

Controller Used: MaxiLINK and Pharos

Background

The primary task for MaxiLED Lighting was to replace the Existing 50Watt Halogen lamps for a dynamic controllable fitting.
MaxiLED developed an addressable DMX controllable RGB Amber retrofit fitting using the unique 2 core data over power technology. This retrofit 4.7Watt GU10 fitting not only save 90 percent power but allows the programmer to individually control any colour from RGBA spectrum on each and every individual Lamp.
As this was a retrofit project, no rewire was needed. Saving a huge amount on installation costs. Installation of our MaxiLINK and a power converter at the beginning of the wiring circuit allowed the data to be sent over the existing wiring.

Case Study - MaxiDEPTH Series - DMX

MaxiLINK ENABLED

Data over Power distribution to the fixtures

DMX
RGBW

DATA Over POWER

2 Core
Data over Power

Project Information

Client: Blackburn with Darwen Council

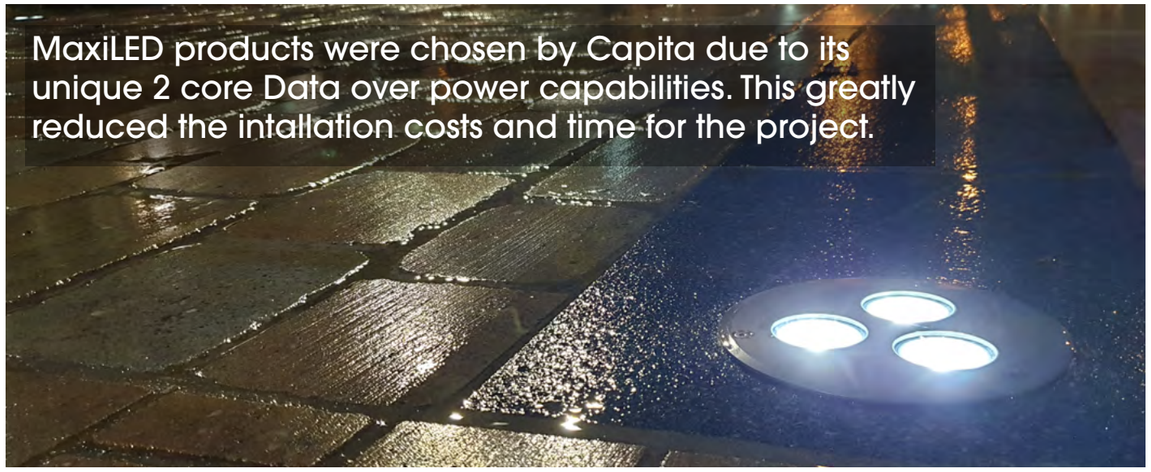
Location: Darwen Markets, Lancashire. UK

Products Used: RGBW DMX MaxiDEPTH Series.

Controller Used: MaxiLINK and Pharos

Background

Capita approached LITE-LTD to provide a dynamic lighting solution to a unique sculpture using MaxiDEPTH 102 DMX RGBW and MaxiDEPTH 302 DMX RGBW products. Working alongside landscape designers to create a tranquil and inviting environment with seating areas and enclosed in reclaimed stone, this multi million pound regeneration project to increase footfall within Darwen Town Centre was successfully achieved.



Finish Used

Stainless Steel

Case Study - MaxiLED Large Globe DMX

MaxiLINK ENABLED

Data over Power distribution to the fixtures

DMX
RGBW

DATA Over POWER

2 Core
Data over Power

Project Information

Client: Redcar and Cleveland Council - United Kingdom
Location: Saltburn Pier - United Kingdom
Products Used: MaxiLED Large Globe RGBW DMX
Controller Used: MaxiLINK and Pharos

Background

Following the arrival of the railway in 1861 and the influx of visitors, Saltburn Pier, in Saltburn by the Sea, North Yorkshire, was commissioned in 1867 and completed two years later. It is now the last remaining pier in Yorkshire, and one of only around 50 pleasure piers left in existence across the UK coastline.

Having stood for over a century, the pier needs regular maintenance work which recently included upgrading its lighting technology to replace defunct lighting on the underside of the pier. The lighting had been dormant since it was damaged by a tidal surge in 2013 and hadn't been replaced. To deliver the new dynamic, decorative lighting scheme for the pier, Redcar and Cleveland Council appointed LITE to deliver the project in association with PFI contractor Bouygues. As well as offering market-leading LED solutions, LITE provide programming and technical expertise for projects, including installation and commissioning.

Specifying from LITE's carefully curated portfolio, MaxiLED DMX RGBW globes were chosen, with a Pharos LPC4 DMX controller.

The MaxiLED globes are installed in two runs of 250, at 0.5 metres spacings. Positioned approximately 6m above the pier, the globes beautifully illuminate the structure, the sand and sea.

MaxiLED Lighting

MaxiLED Lighting

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