

MaxiLED
Lighting



Architectural Products

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DMX



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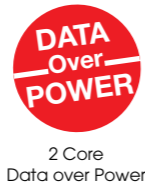


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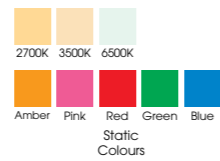
MaxiLANTERN



32-33
MaxiLANTERN
DMX



2 Core
Data over Power



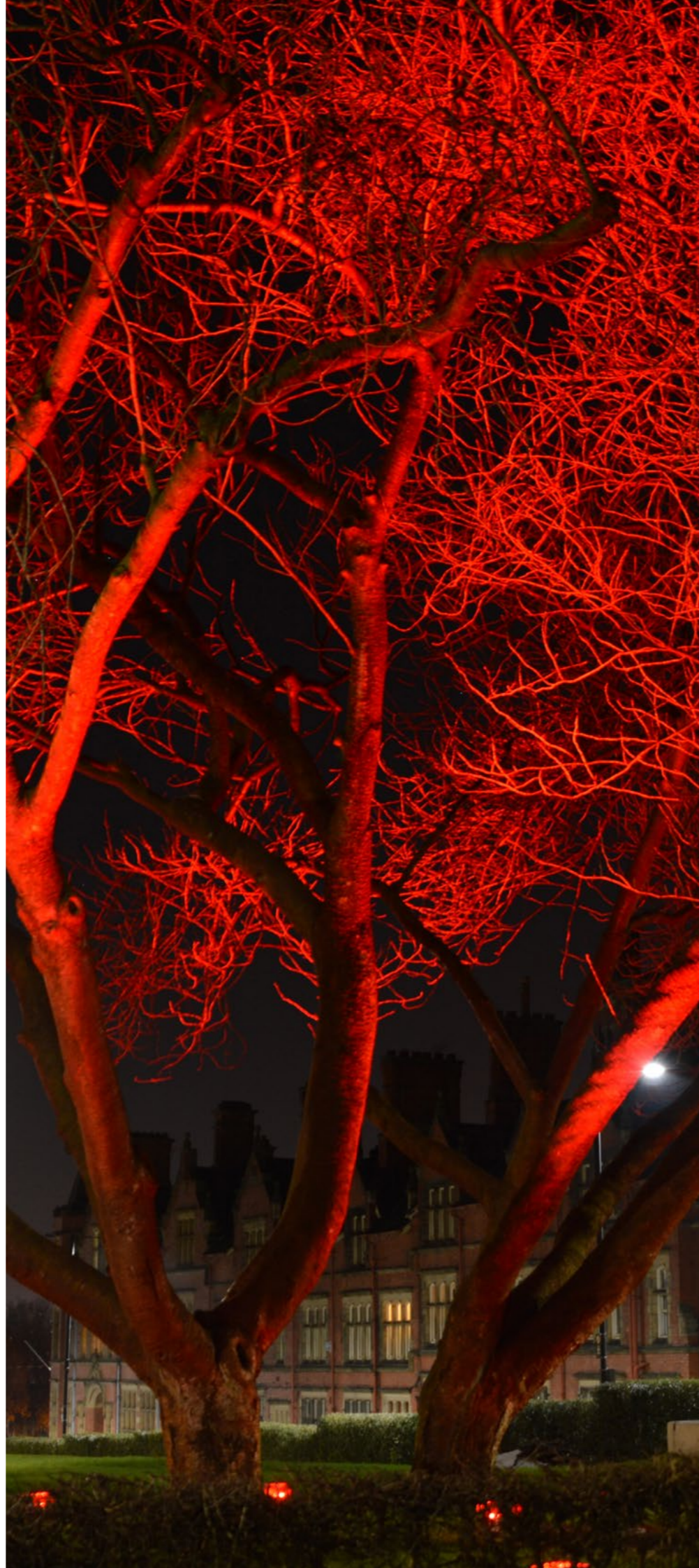
DMX
RGBW



Data over Power distribution
to the fixtures



UK Manufactured



MaxiCRYSTAL



34-35
MaxiCRYSTAL
DMX

MaxiPENDANT Series



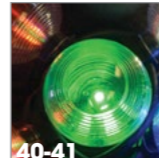
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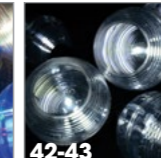


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Retro-fit Series
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Retro-fit Series
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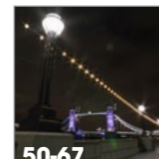


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Case Studies



50-67

IP68

IK10 GLASS

IK07 POLYCARBONATE

PATENTED GB2475874

US 10461809B2

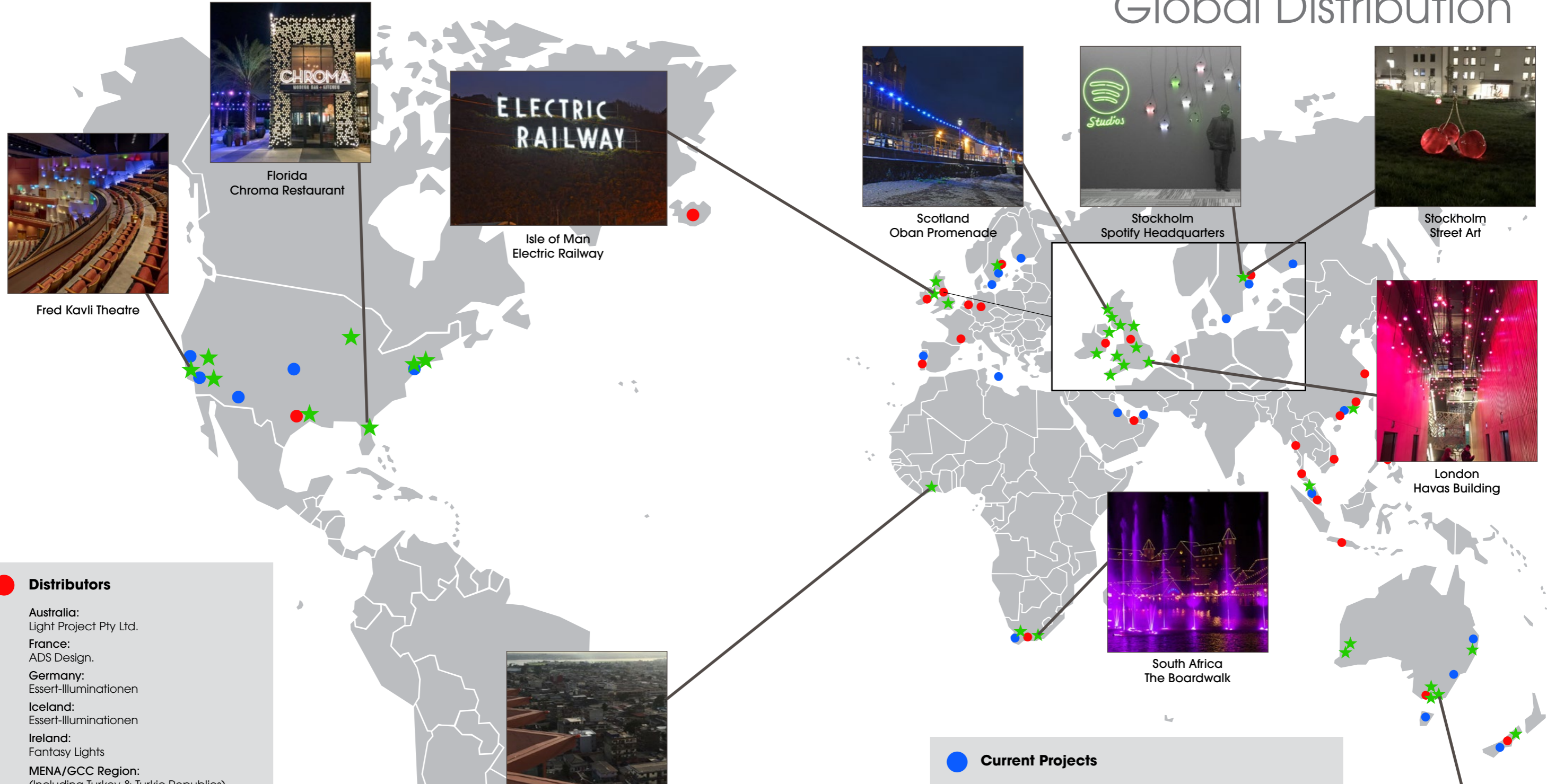
BS EN 60598

IEC 60598

UL LISTED

MaxiLED
Lighting

Global Distribution



● Distributors

- Australia:** Light Project Pty Ltd.
- France:** ADS Design.
- Germany:** Essert-Illuminationen
- 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, Shenzhen, Hong Kong, Indonesia, Malaysia, Philippines, Thailand and Vietnam.) Technolite
- South Africa:** SSLI - Solid State Lighting International
- Sweden:** Stockholm Lighting
- United Kingdom:** LITE Ltd.
- United States:** VLT - Visual Lighting Technologies

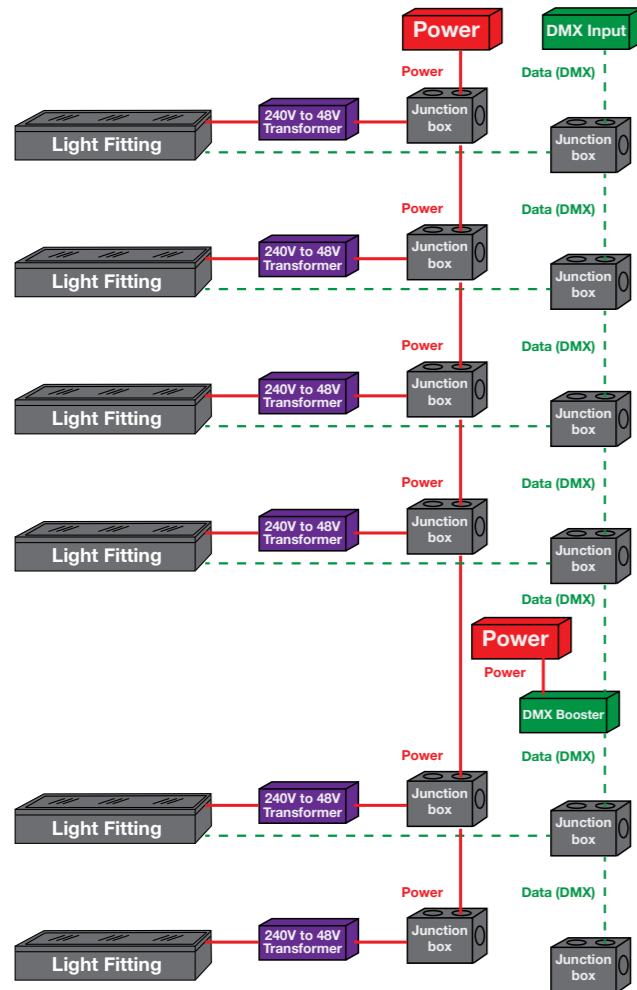
● Current Projects

★ 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 Wiring V'S Traditional Wiring

Traditional Wiring



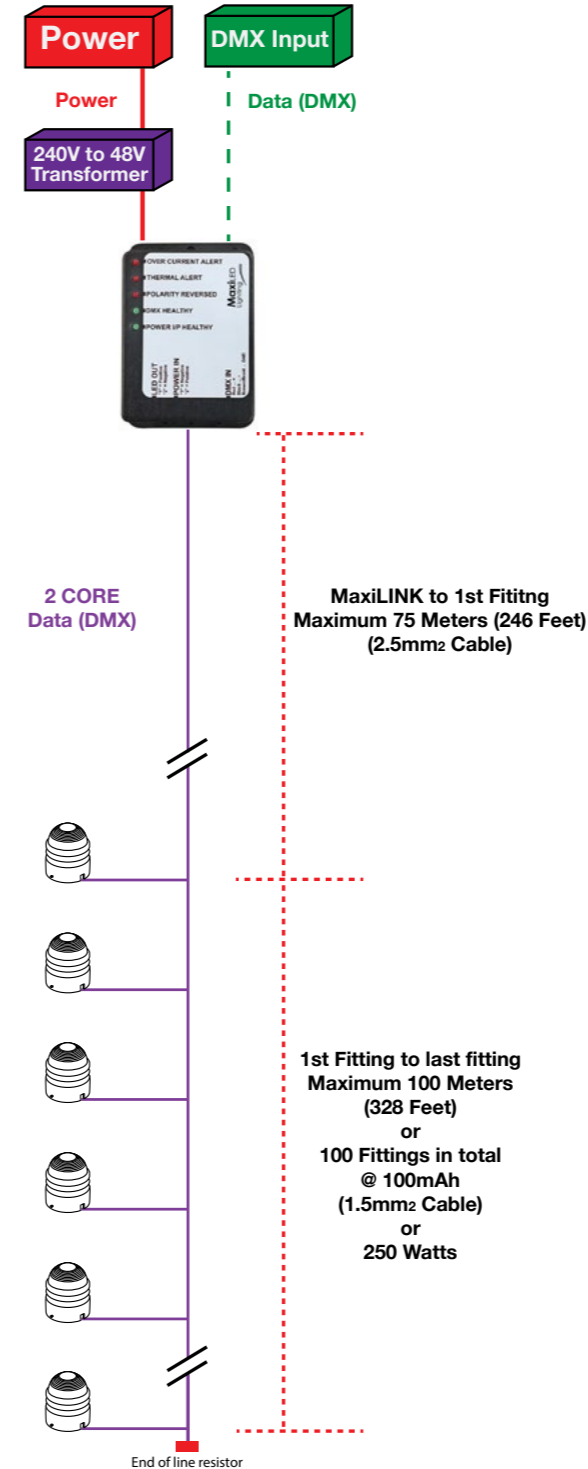
Typical DMX installation

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:

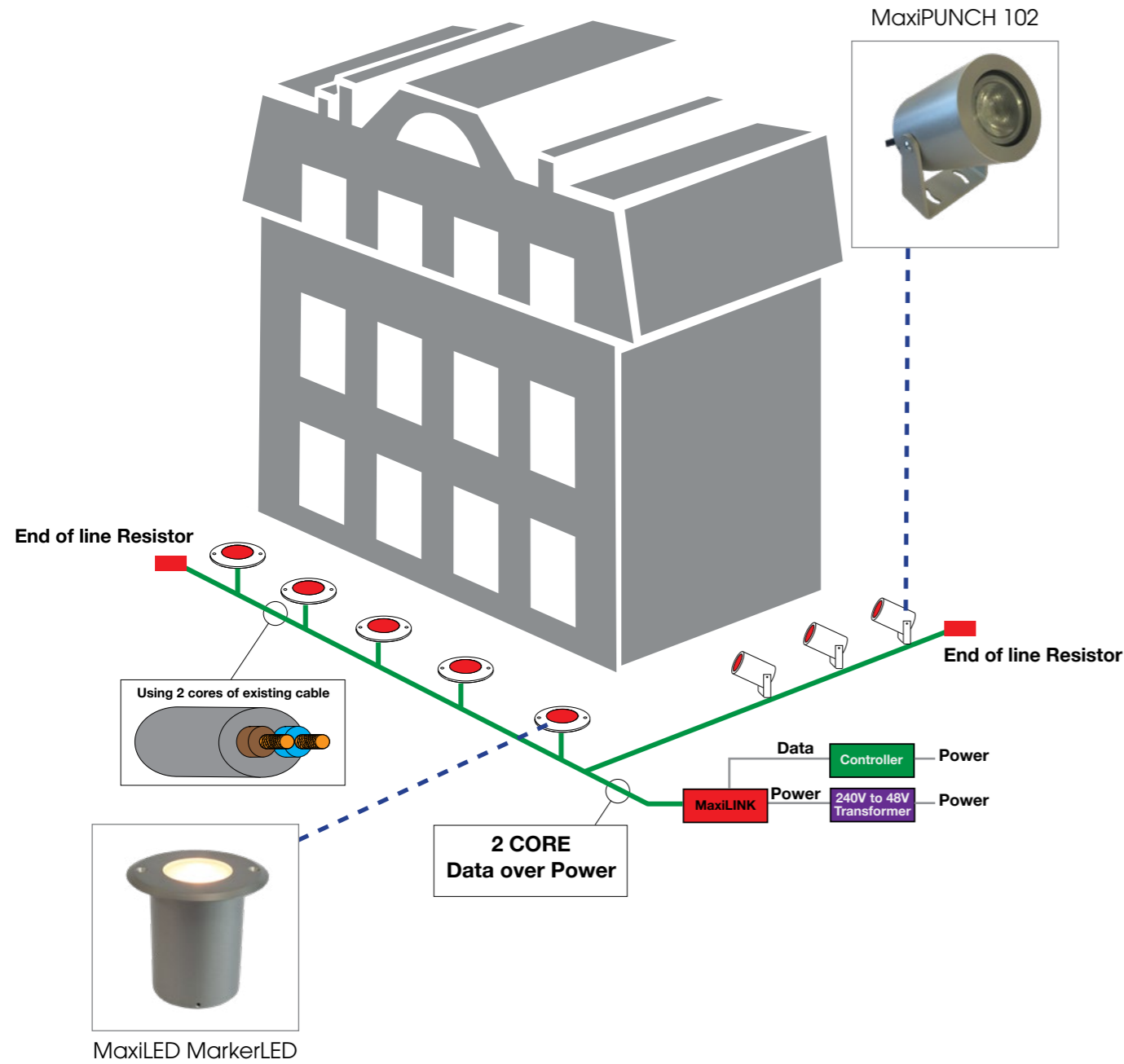
1. Retrofit / Cables
2. Easy Wiring for installer
3. Cost Reduction
4. Less connections / failure points
5. 48V SELV Compliant



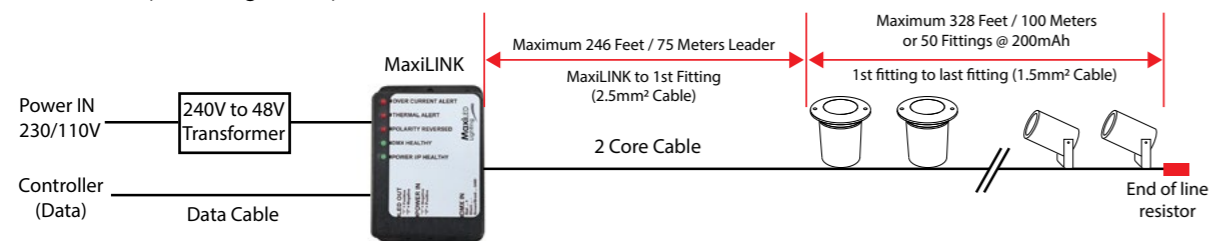
Retro-fit Changing white to color change

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



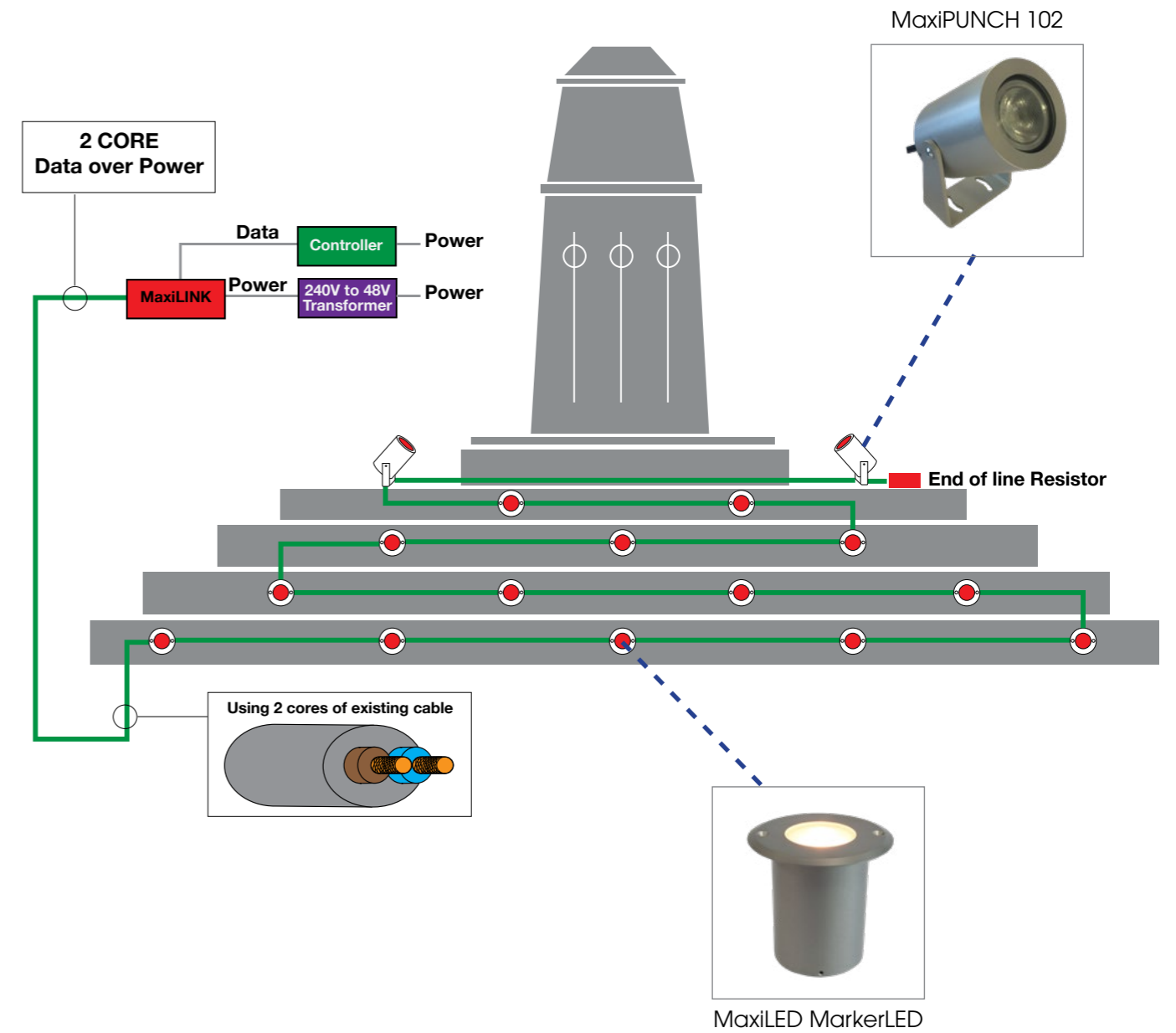
MaxiLED unique wiring example



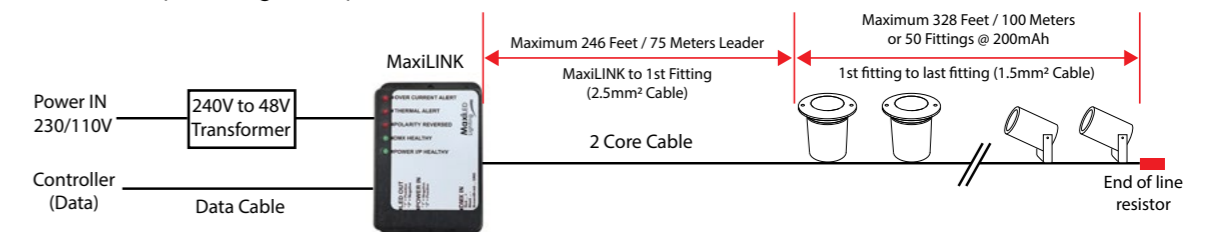
Retro-fit Changing white to color change

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

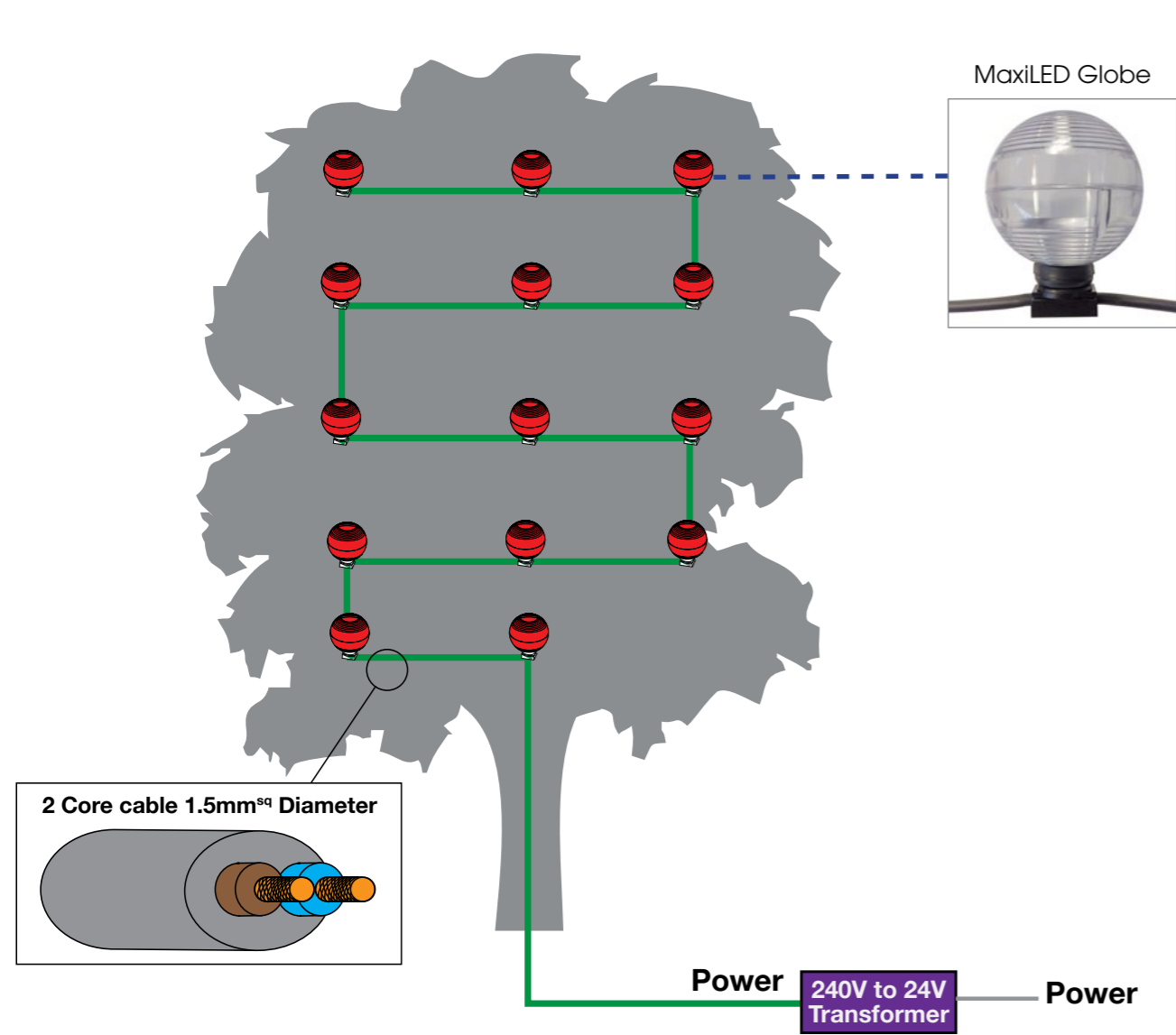


MaxiLED unique wiring example



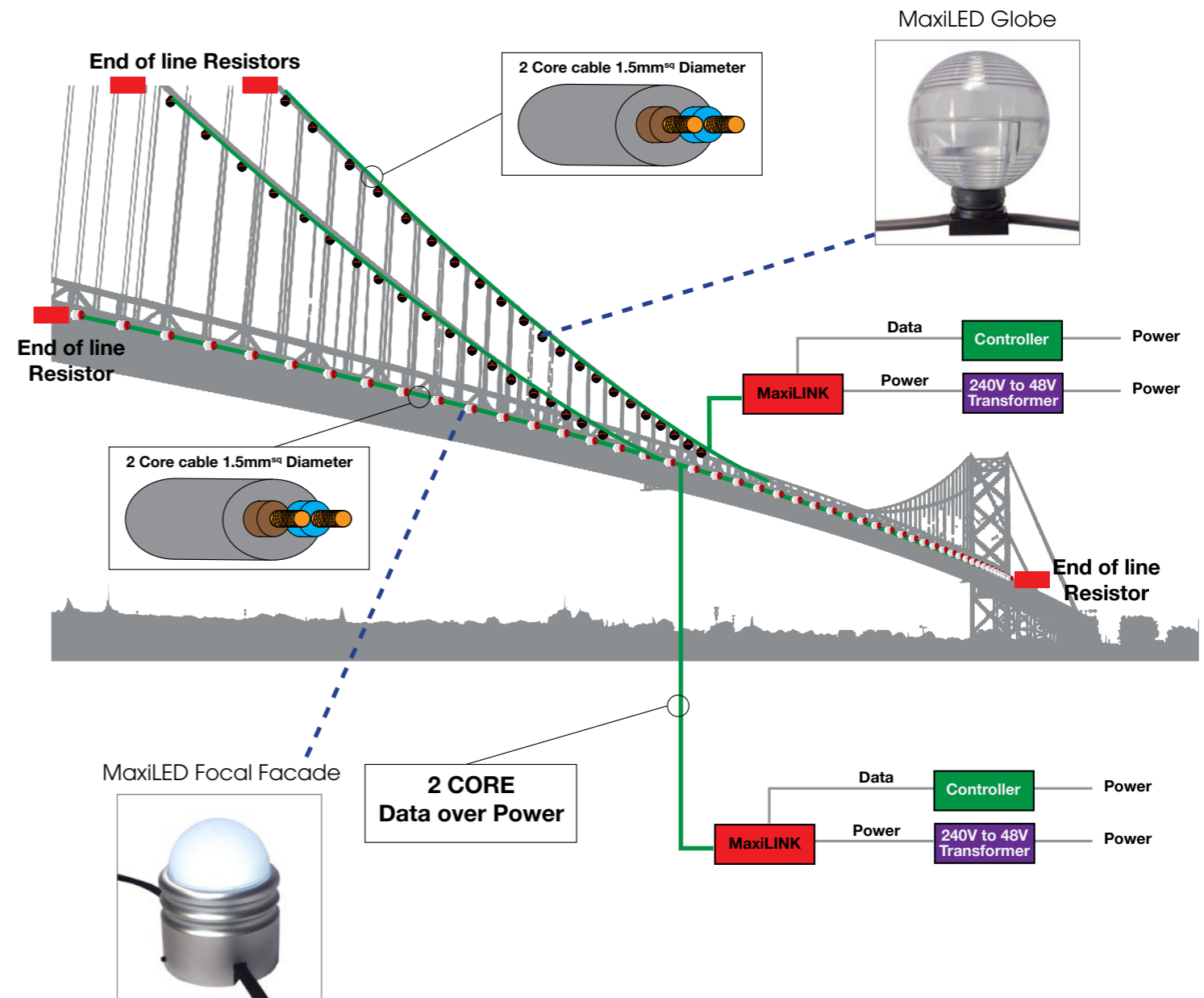
New Product installation Example 1 - Tree lighting

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

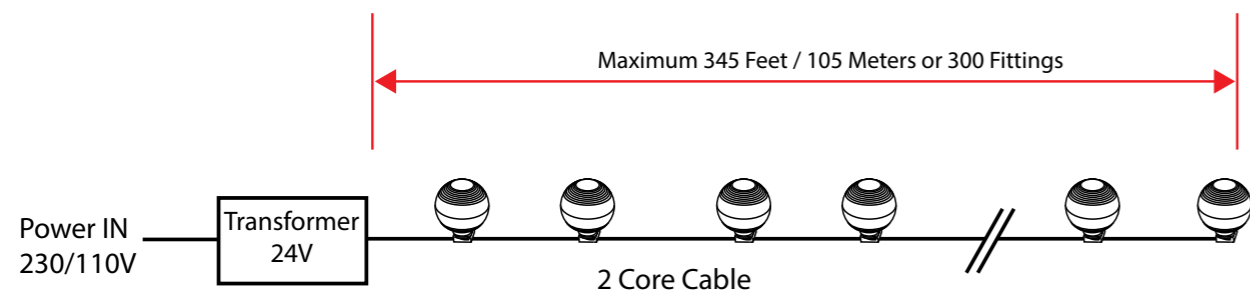


New Product installation Example 2 - Bridge contour lighting

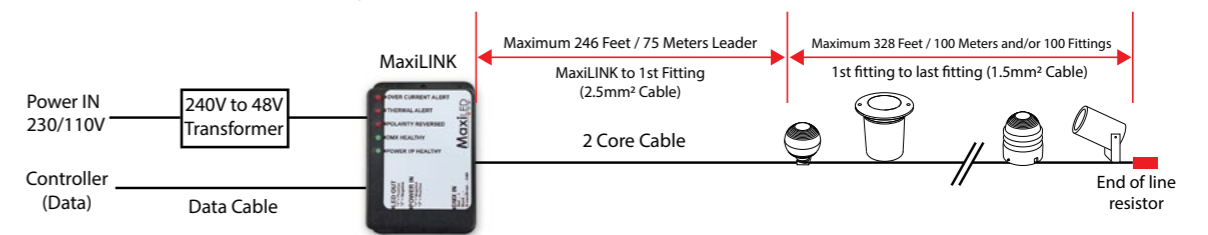
A simple diagram of the different series of product available using our unique Data over Power technology



Maxiled Static Globe wiring example



Maxiled 100mAh unique wiring example



Marker Effect 101 Series - DMX Controllable



Data over Power distribution to the fixtures



DMX RGBW



2 Core Data over Power

Scan to view the video



Product specifications



Power Input:
48VDC



Watts:
2.35W per fitting.



IK Rating:
IK10 Rating



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



Optics:
Frosted.



Listings:
CE.



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



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



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



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



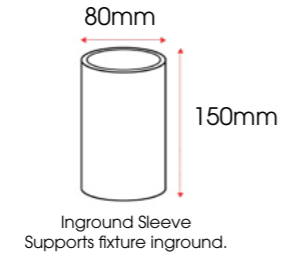
Lumen Maintenance:
Estimated 85% lumen maintenance
at 70,000 hours, L70 predicted life
of 132,000 hours.

Bezel options

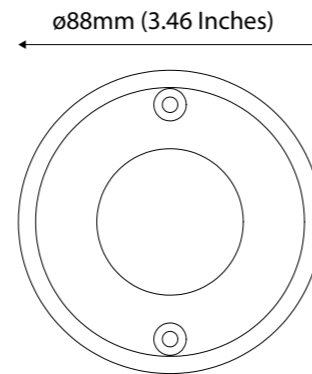


Square Bezel

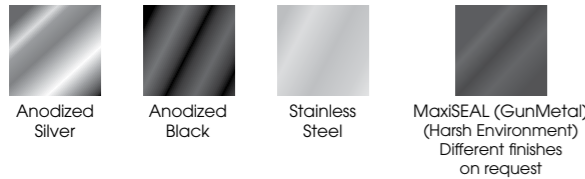
Marker Effect housing



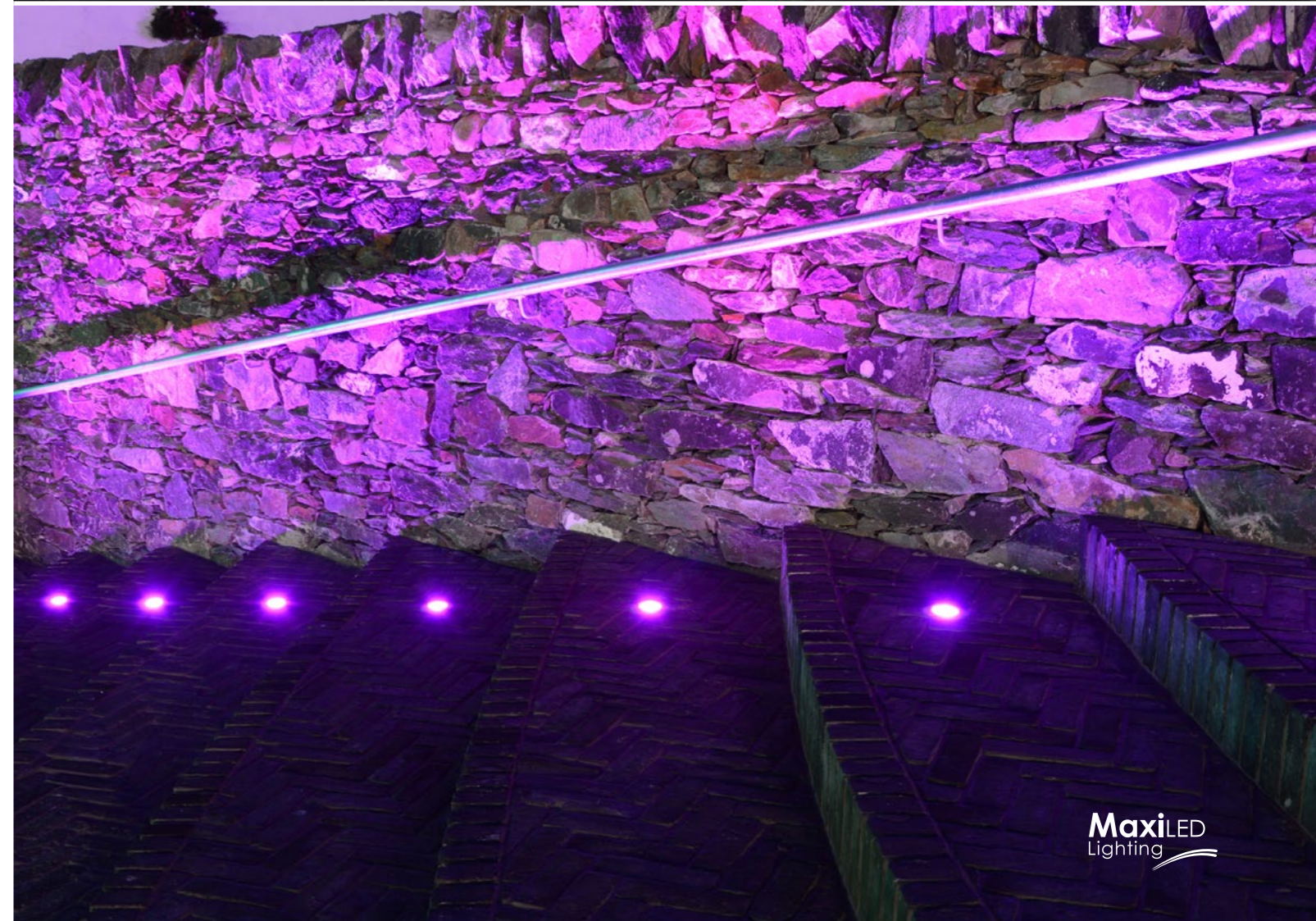
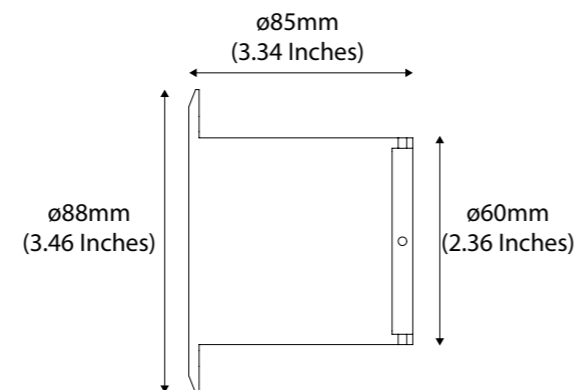
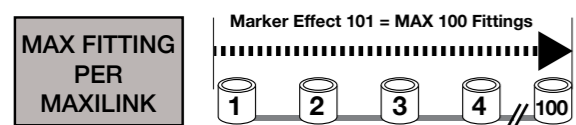
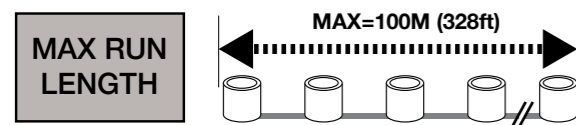
Dimensions



Finish options



Maximum running distance per MaxiLINK



MaxiPUNCH 102 Series - DMX controllable



Data over Power distribution to the fixtures



DMX RGBW



2 Core Data over Power

Product specifications



Power Input: 48VDC



Watts: 4.7W per fitting.



Listings: CE.



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



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



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



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



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



Installation: Available in: Adjustable wall mount bracket



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

Optics options



15° Distribution



25° Distribution



40° Distribution



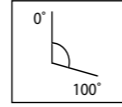
90° Distribution

Mounting options



Spike Mount

Adjustment Range



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

Finish options



Anodized Silver



Anodized Black

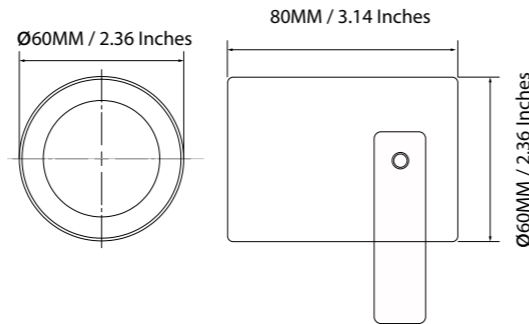


Stainless Steel

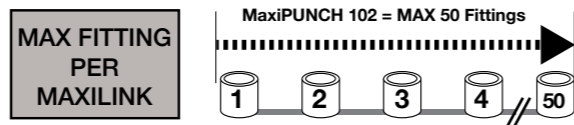
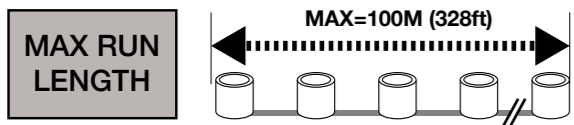


MaxiSEAL (GunMetal) (Harsh Environment) Different finishes on request

Dimensions



Maximum running distance per MaxiLINK



STREETLIFE

MaxiPUNCH 302 Series - DMX controllable



Data over Power distribution to the fixtures



DMX RGBW



2 Core Data over Power

Product specifications



Power Input: 48VDC



Watts: 14.1W per fitting.



Listings: CE.



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



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



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



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



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



Installation: Available in: Adjustable wall mount bracket



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

Optics options



15° Distribution



25° Distribution



40° Distribution



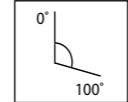
90° Distribution

Mounting options



Spike Mount

Adjustment Range



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

Finish options



Anodized Silver



Anodized Black

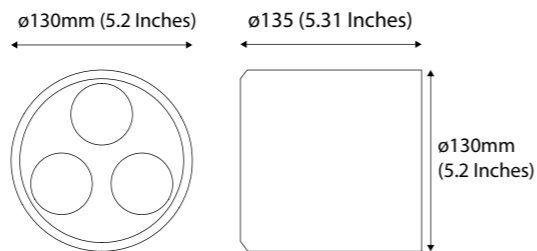


Stainless Steel

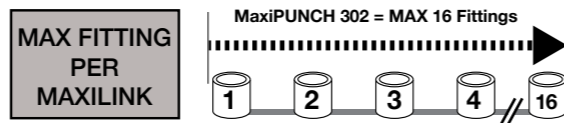
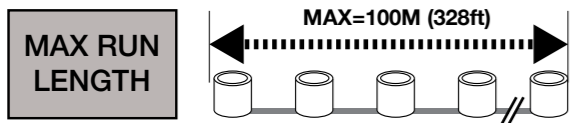


MaxiSEAL (GunMetal) (Harsh Environment) Different finishes on request

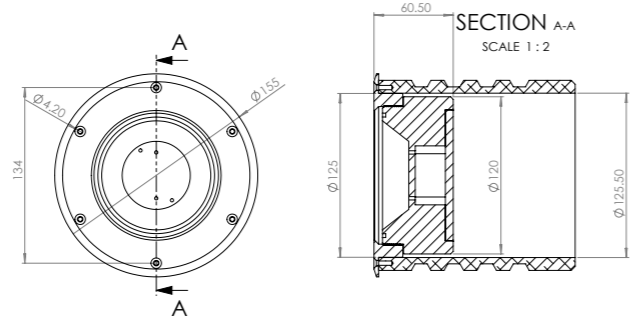
Dimensions



Maximum running distance per MaxiLINK



MaxiPUNCH Static Series



MaxiPUNCH Static Recessed

Product specifications



Power Input:
220 - 240 VAC



Watts:
12W per fitting.



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



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



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



IK Rating:
IK10 Rating



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



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



Listings:
CE.



Installation:
Recessed with sleeve



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

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



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



Watts:
4.7W per fitting.



IK Rating:
IK10 Rating



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



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



Listings:
CE.



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



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



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



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



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

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

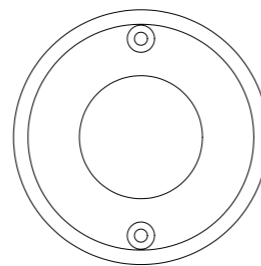
Accessories



Recess Sleeve

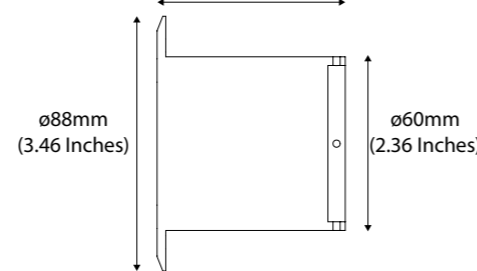
Dimensions

ø88mm (3.46 Inches)



ø85mm

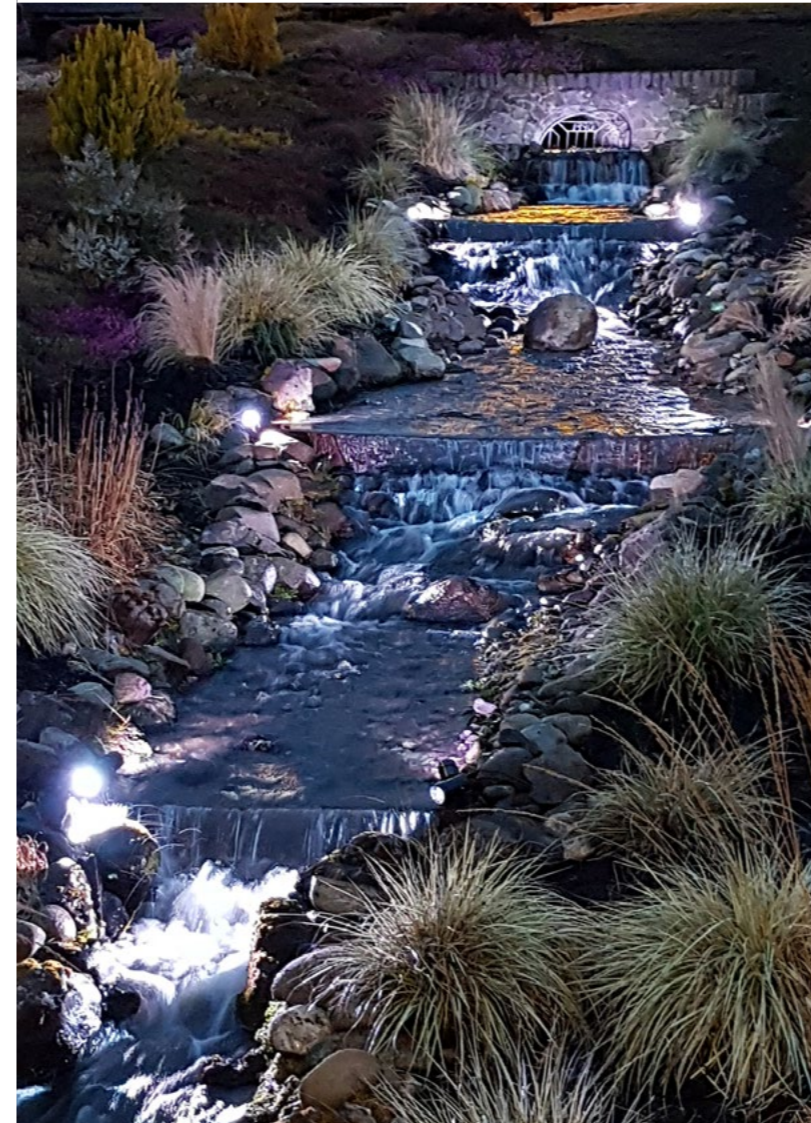
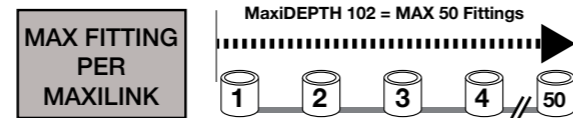
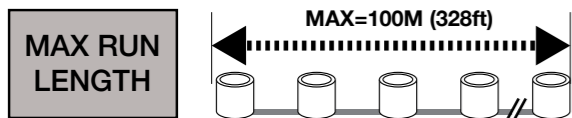
(3.34 Inches)



ø88mm
(3.46 Inches)

ø60mm
(2.36 Inches)

MaxiDEPTH 102 - Maximum running distance per MaxiLINK



MaxiDEPTH 302 Series - DMX controllable



MaxiSEAL



Data over Power distribution to the fixtures



DMX RGBW



2 Core Data over Power

Product specifications



Power Input:
48VDC



Watts:
14.1W per fitting.



IK Rating:
IK10 Rating



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



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



Listings:
CE.



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



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



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



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



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

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

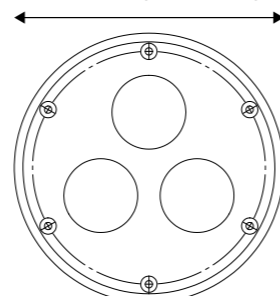
Accessories



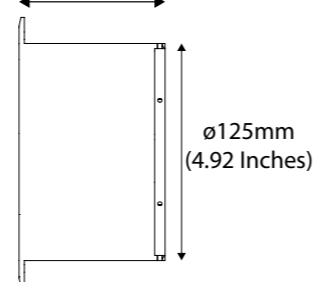
Recess Sleeve

Dimensions

ø155mm (6.1 Inches)

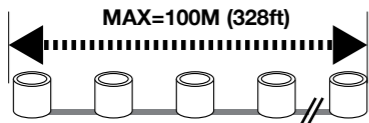


ø85mm
(3.34 Inches)

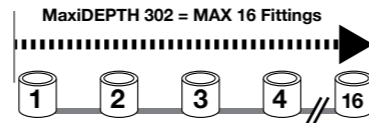


MaxiDEPTH 302 - Maximum running distance per MaxiLINK

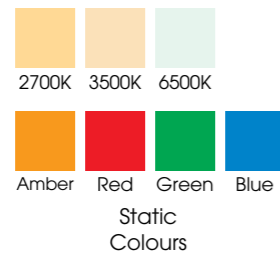
MAX RUN LENGTH



MAX FITTING PER MAXILINK



MaxiEDGE Series - DMX controllable



Data over Power distribution to the fixtures



2 Core
Data over Power

Product specifications



Power Input:
48VDC



Watts:
4.7W per fitting.



Listings:
CE.



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



Optics:
170° x 5°



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



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



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

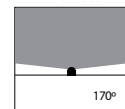


Installation:
Available in :
Flush surface mounted
Recessed



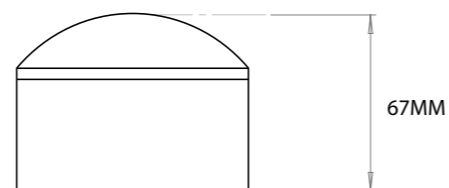
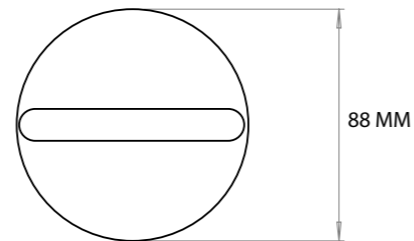
Lumen Maintenance:
Estimated 85% lumen maintenance
at 70,000 hours. L70 predicted life
of 132,000 hours.

Optics options



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

Dimensions



Finish options



Anodized
Silver

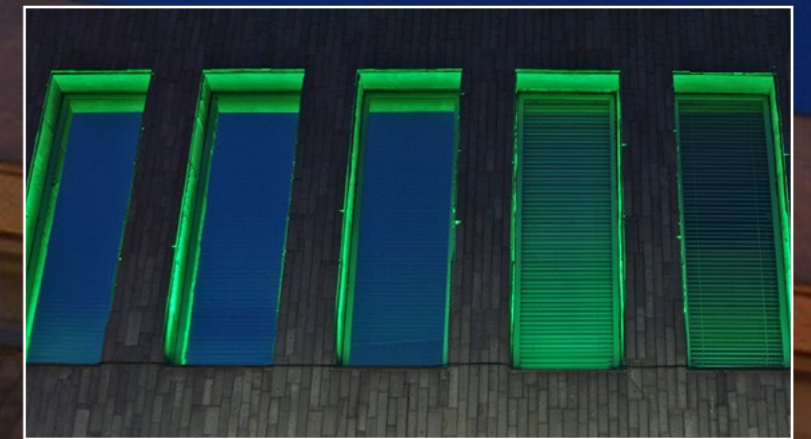
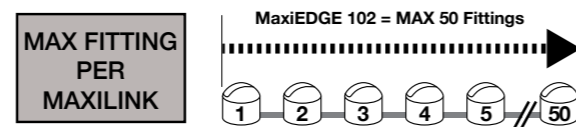
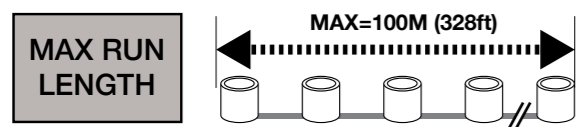


Anodized
Black

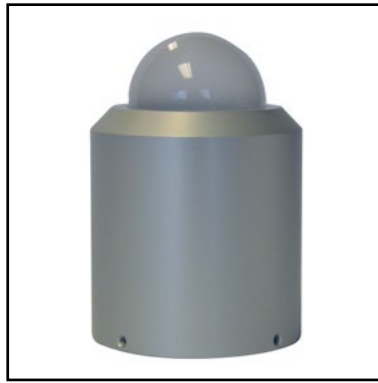


RAL
Bespoke

Maximum running distance per MaxiLINK



MaxiDOT 180° Direct View Series - DMX Controllable



Data over Power distribution to the fixtures



DMX RGBW



2 Core Data over Power

Product specifications



Power Input:
48VDC



Watts:
4.7W per fitting.



Listings:
CE.



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



Optics:
180° (no lens).



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



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



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



Installation:
Flush surface mounted



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

Finish options



Anodized
Silver

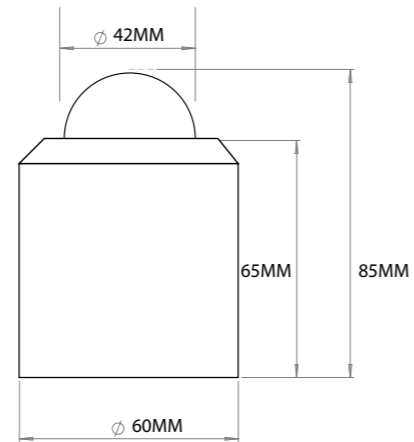


Anodized
Black

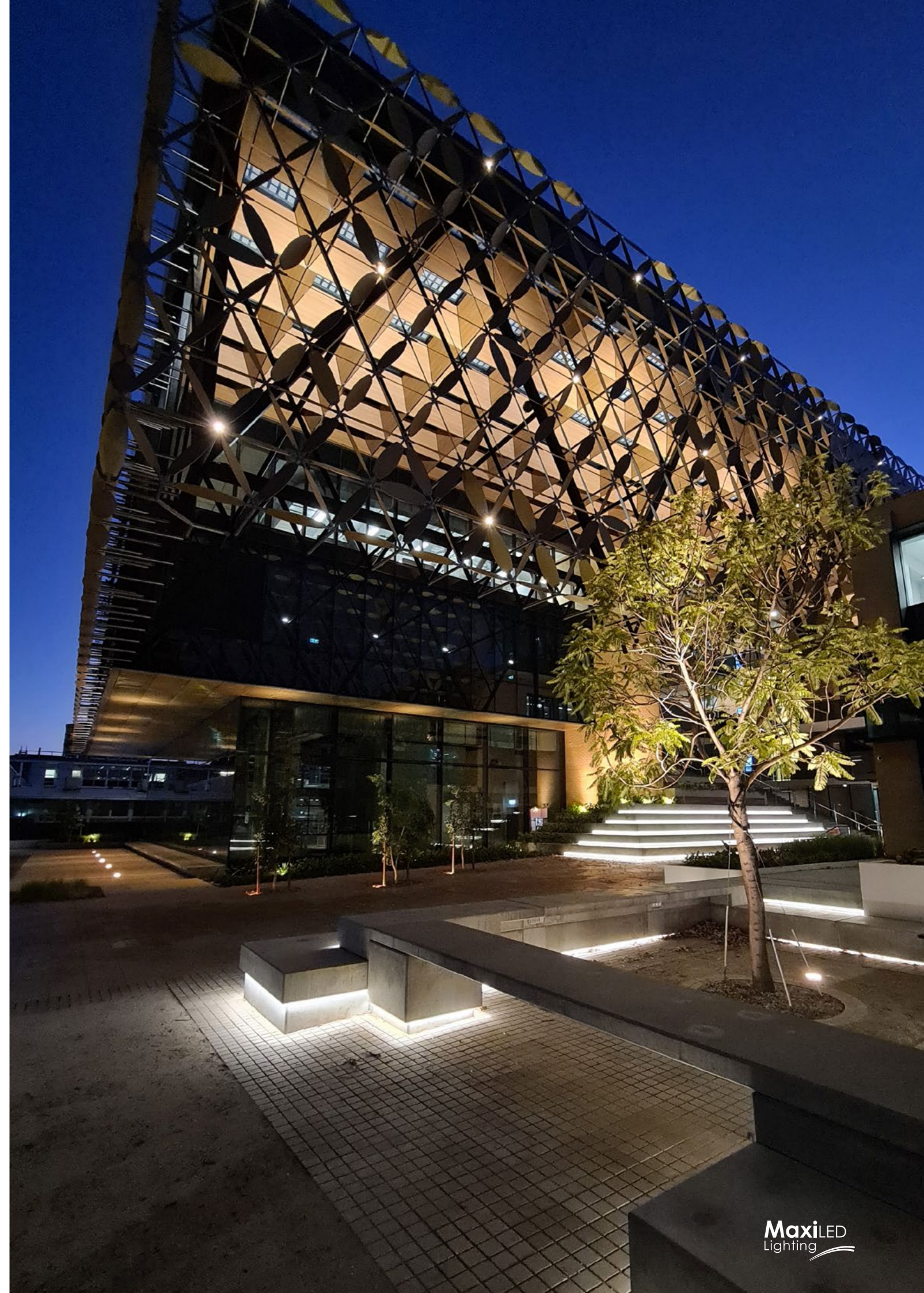
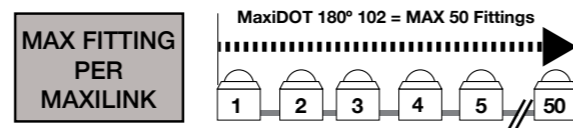
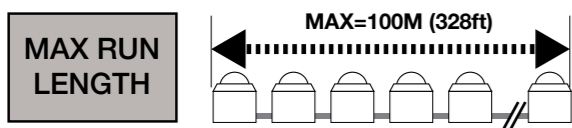


RAL
Bespoke

Dimensions



MaxiDOT - Maximum running distance per MaxiLINK



MaxiDOT Direct View Series - DMX Controllable



Data over Power distribution to the fixtures



DMX RGBW



2 Core Data over Power

Product specifications



Power Input:
48VDC



Watts:
4.7W per fitting.



Listings:
CE.



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



Optics:
Direct view - Frosted Glass



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



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



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



Installation:
Flush surface mounted



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

Finish options



Anodized
Silver

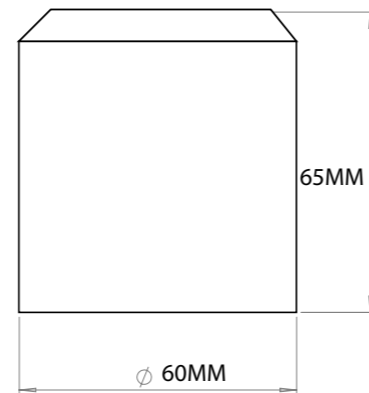


Anodized
Black

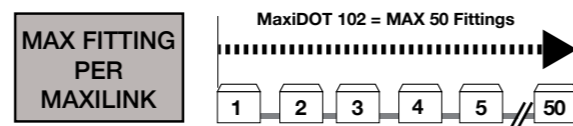
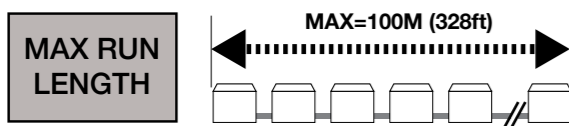


RAL
Bespoke

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



Watts:
9.4W per fitting.



Listings:
CE.



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



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



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



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



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



Installation:
Flush surface mounted



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

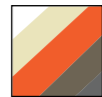
Finish options



Anodized Silver

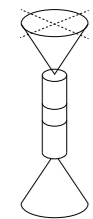


Anodized Black



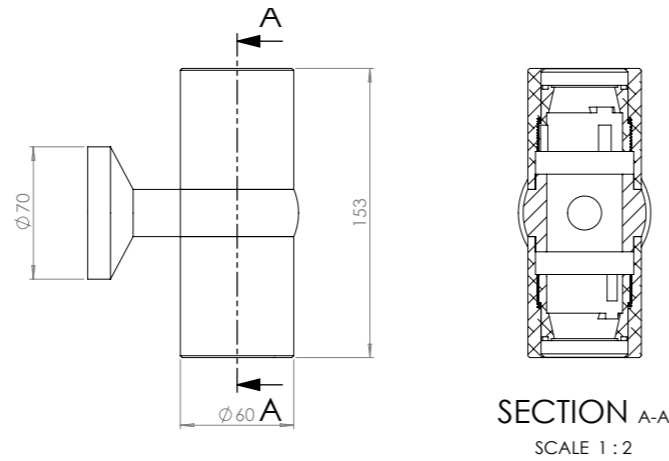
RAL Bespoke

Optics options

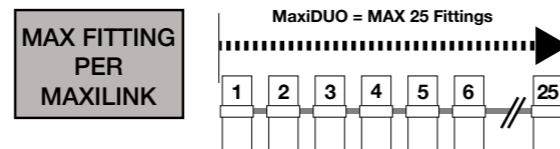
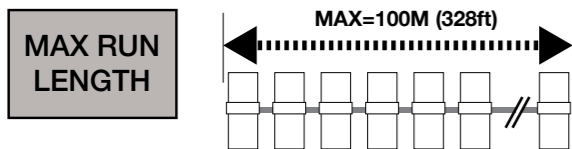


Duo Control
Each section of the fitting can be individually controlled and house different optics.

Dimensions



MaxiDUO - Maximum running distance per MaxiLINK



MaxiLANTERN - DMX controllable



Data over Power distribution to the fixtures



DMX RGBW



2 Core Data over Power

Product specifications



Power Input:
48VDC



Watts:
2.35W per Globe at full RGBW on.



Listings:
CE.



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



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



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



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



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



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



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

Lantern finish options



Frosted



Clear

Cable color options

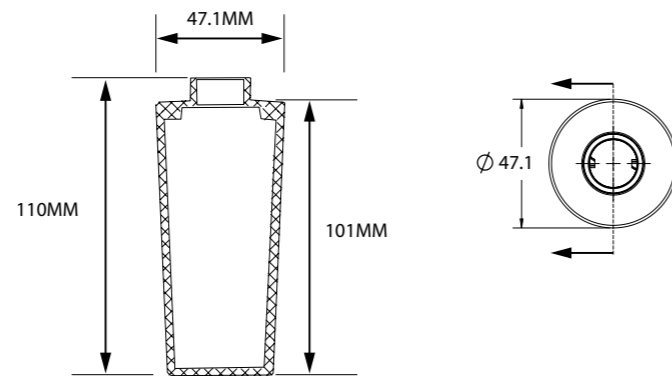


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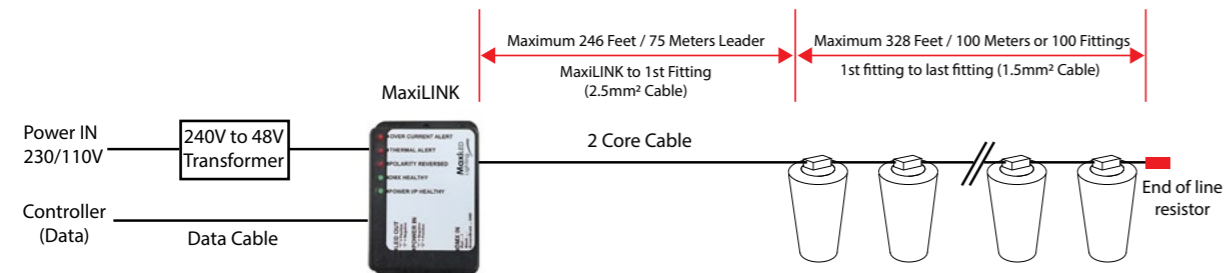


White

Dimensions



MaxiLANTERN DMX RGBW Wiring example



MaxiCRYSTAL - DMX controllable



Data over Power distribution to the fixtures



DMX RGBW



2 Core Data over Power

Product specifications



Power Input: 48VDC



Watts: 4.7W per fitting.



Listings: CE.



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



Optics: Clear glass crystal diamond prism



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



Environment: IP20



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.

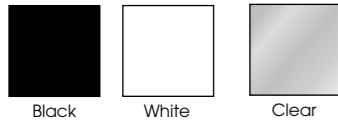


Installation: Clips available for zip-tie mounting to any surface or walls. Trunking for concealing cables and elastic cable ties also available for indoor landscaping.

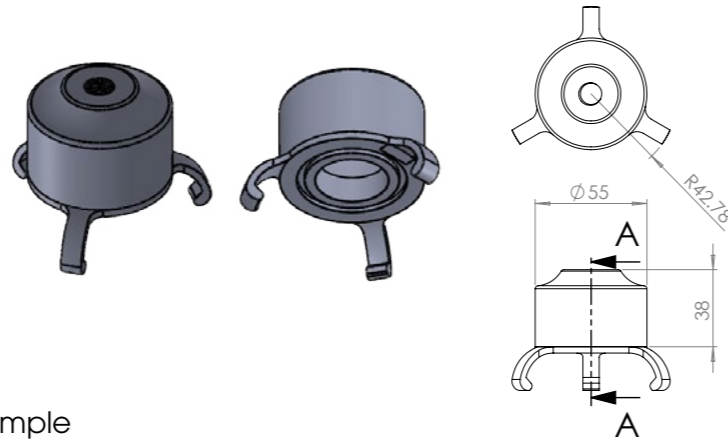


Cable/Run Lengths: 30 Fittings per MaxiLINK. 175m (574ft) maximum strand length including 75m (246ft) maximum length for leader cable to first fitting.

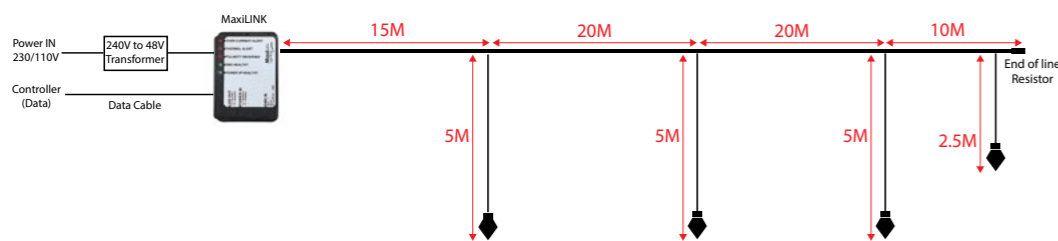
Cable color options



Dimensions



MaxiCRYSTAL DMX RGBW Wiring example



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




MaxiPENDANT 64mm Globe - DMX controllable





Data over Power distribution to the fixtures













DMX RGBW

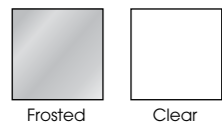


2 Core Data over Power

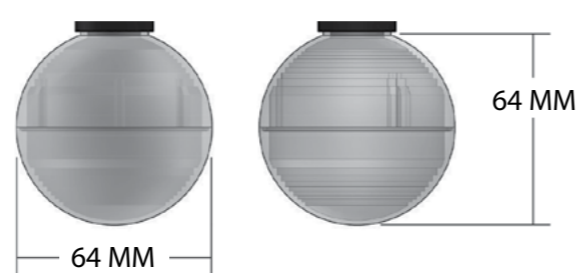
Product specifications

 <p>Power Input: 48VDC</p>	 <p>Watts: 2.35W per Globe at full RGBW on.</p>	 <p>Listings: UL/cUL, CE, FCC, IK07 impact protection, BS EN 60598, IEC 60598</p>
 <p>Light Output: 98.3 lumens per clear Globe at full RGBW on.</p>	 <p>Protection: Thermal Safety cut out at 70°C (158°F)</p>	 <p>Light Source: CREE LED's RGBWW(2700K) / RGBCW (6500K) IW (2700K - 6500K) 2700K, 3500K, 6500K</p>
 <p>Environment: Internal (IP20).</p>	 <p>Lumen Maintenance: Estimated 85% lumen maintenance at 70,000 hours, L70 predicted life of 132,000 hours.</p>	
 <p>Installation: Track adaptor or supplied with flying lead.</p>	 <p>Cable/Run Lengths: 100 Globes per MaxiLINK. 175m (574ft) maximum strand length including 75m (246ft) maximum length for leader cable to first fitting.</p>	

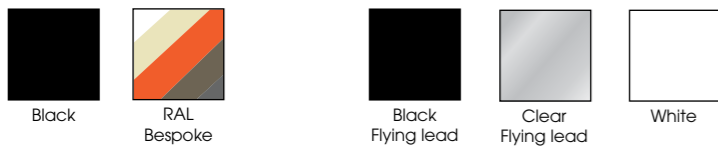
Globe finish options



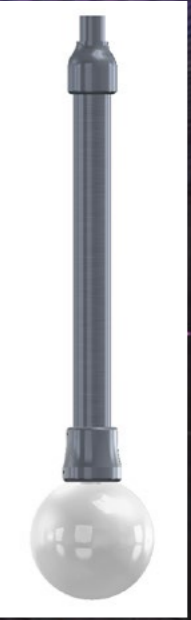
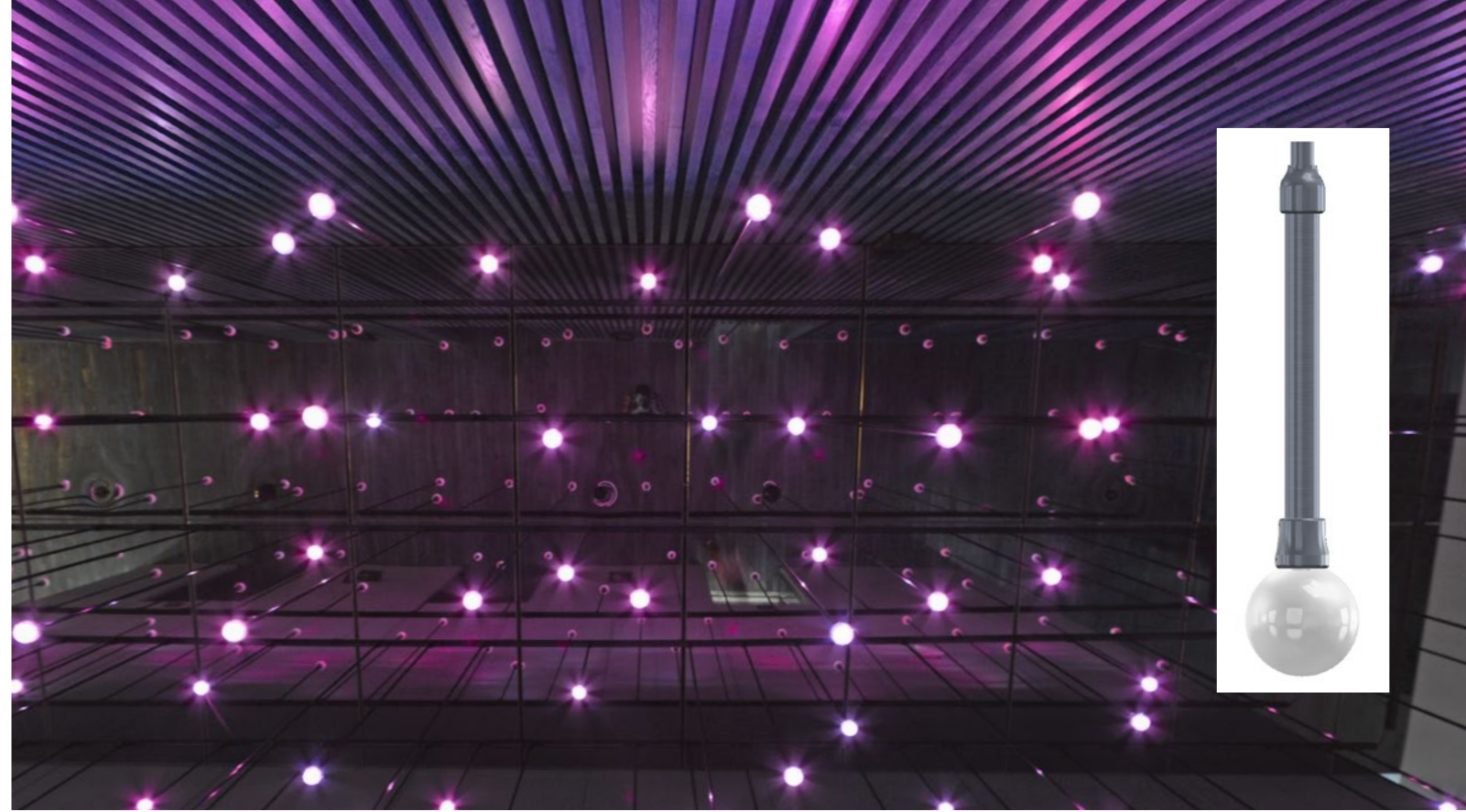
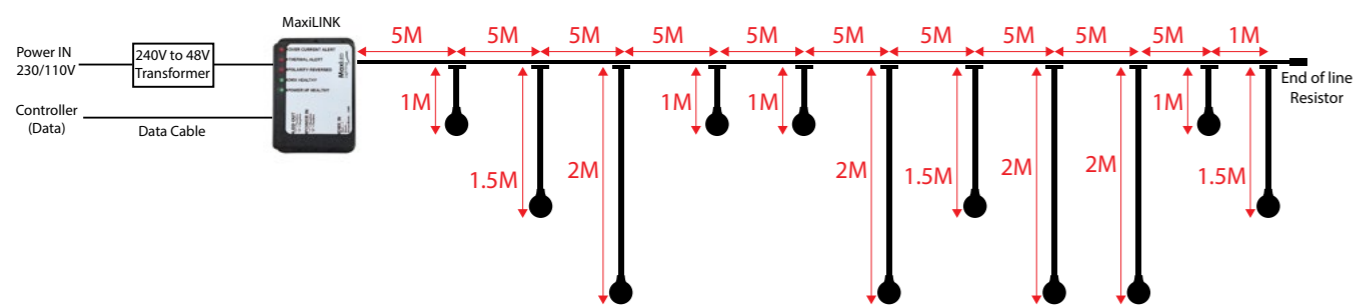
Dimensions



Track Color (Rigid Conduit) / Flying lead options

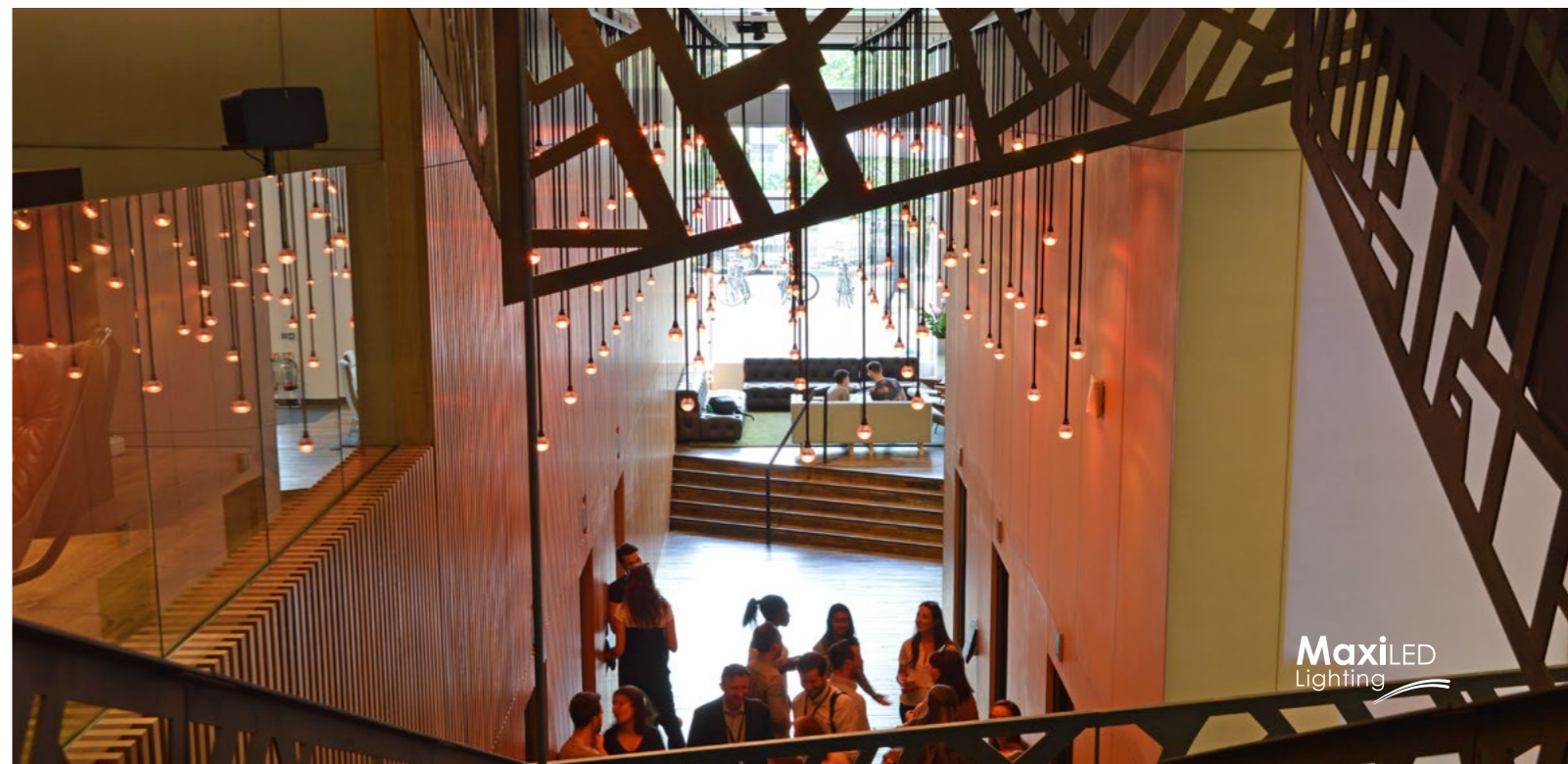


MaxiPENDANT DMX controllable Track system wiring example



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)



Data over Power distribution to the fixtures



DMX RGBW



2 Core Data over Power

Product specifications



Power Input: 48VDC



Watts: 2.35W per Globe at full RGBW on.



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



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



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



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



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



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



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



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

Globe finish options



Frosted



Clear

Finish options



Anodized Silver



Anodized Black



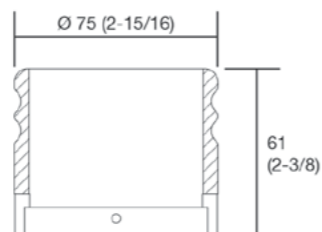
Stainless Steel



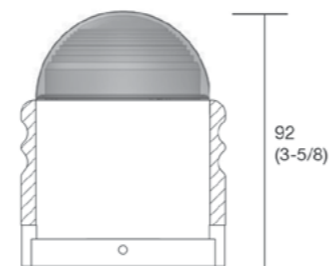
RAL Bespoke

Dimensions

HOUSING



GLOBE IN HOUSING



Housing accessories



Building corner profile housing



Large Globe Series - RGBW (DMX)



Data over Power distribution to the fixtures



DMX RGBW

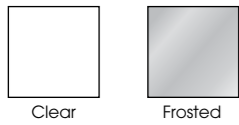


2 Core Data over Power

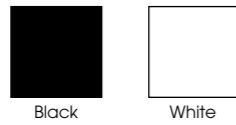
Product Specifications

- Power Input:** 48VDC
- Watts:** 2.35W per Globe at full RGBW on.
- Listings:** UL/cUL CE, FCC, IK07 impact protection, BS EN 60598, IEC 60598
- Light Output:** 98 lumens per clear Globe at full RGBW on.
- Lumen Maintenance:** Estimated 85% lumen maintenance at 70,000 hours, L70 predicted life of 132,000 hours.
- Light Source:** CREE LED's RGBWW(2700K) / RGBCW (6500K) 1W (2700K - 6500K) 2700K, 3500K, 6500K
- Environment:** Dry, damp and wet locations (IP68).
- Cable/Run Lengths:** 100 Globes per MaxiLINK. 175m (574ft) maximum strand length. 75m (246ft) maximum length for leader cable to first fitting.
- 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.
- Protection:** Thermal Safety cut out at 70°C (158°F)

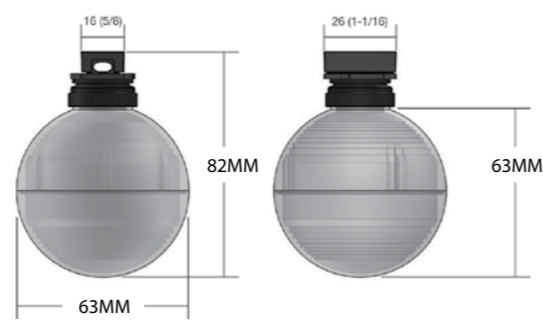
Globe Finish Options



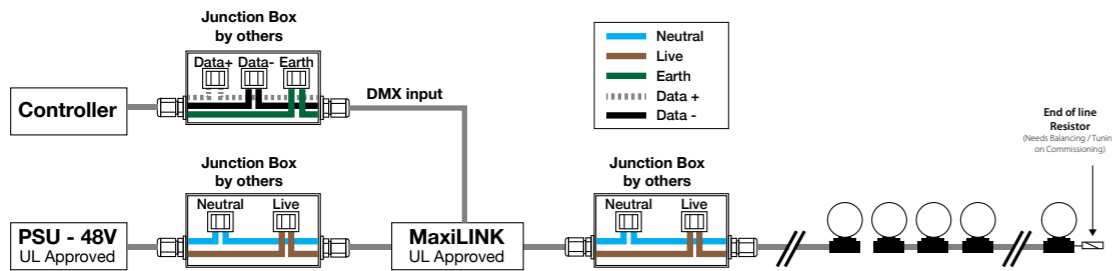
Cable Color Options



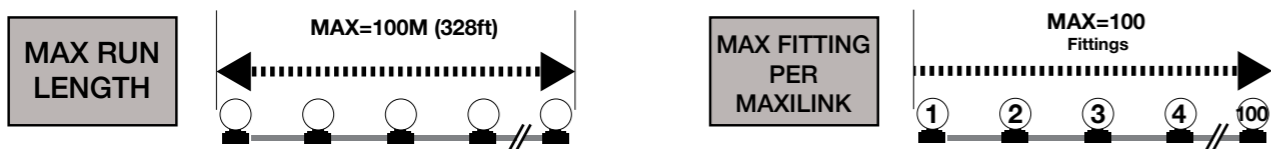
Dimensions



MaxiLED Large globe Static Wiring example



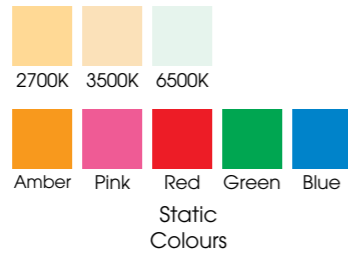
MaxiLED Large globe Static - Maximum running distance per MaxiLINK



Click to view the video



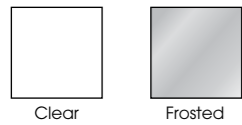
Large / Small Globe Series - Static



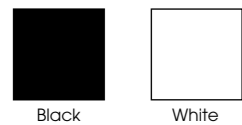
Product Specifications

- 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.

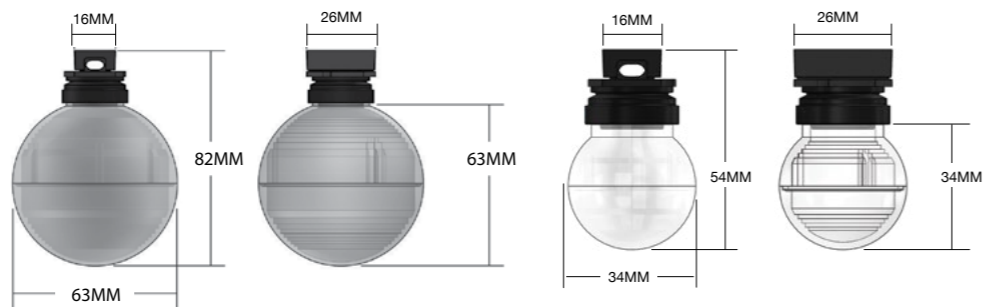
Globe Finish Options



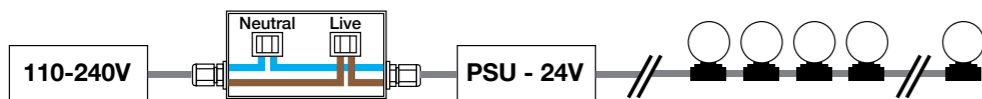
Cable Color Options



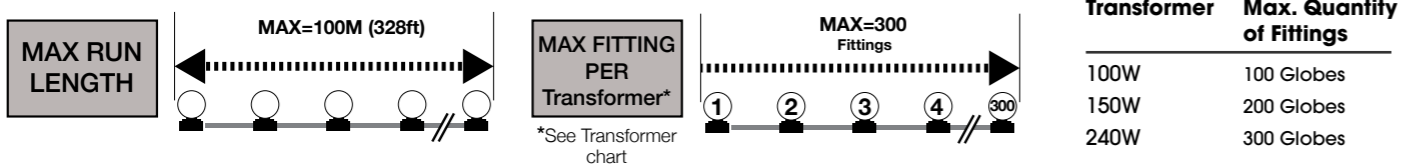
Dimensions Large / Small Globe



MaxiLED Large / Small Globe Static Wiring example



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



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



Data over Power distribution to the fixtures



DMX RGBW

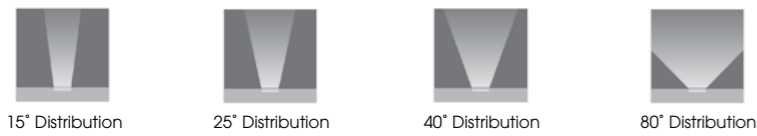


2 Core Data over Power

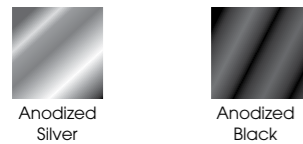
Product specifications

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 replacement once MaxiLINK installed.
Lumen Maintenance: High Output: 85% lumen maintenance at 90,000 Hrs	Light Source: CREE LED's RGBWW(2700K) / RGBCW (6500K) 1W (2700K - 6500K) 2700K, 3500K, 6500K	Environment: IP20

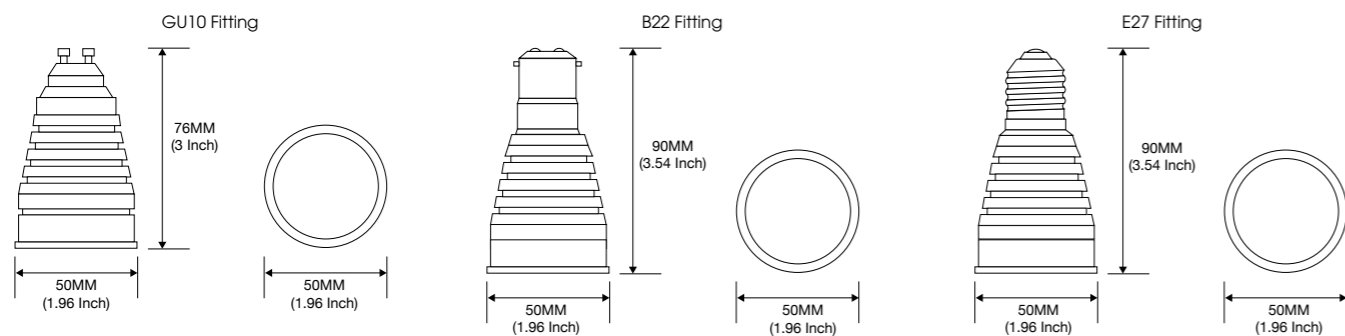
Optics options



Finish Options



Dimensions



Power and Control - MaxiLINK®



Data over Power distribution to the fixtures



DMX RGBW



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.

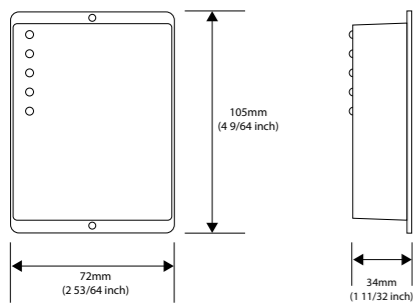


Listings:
UL/cUL, UR, CE

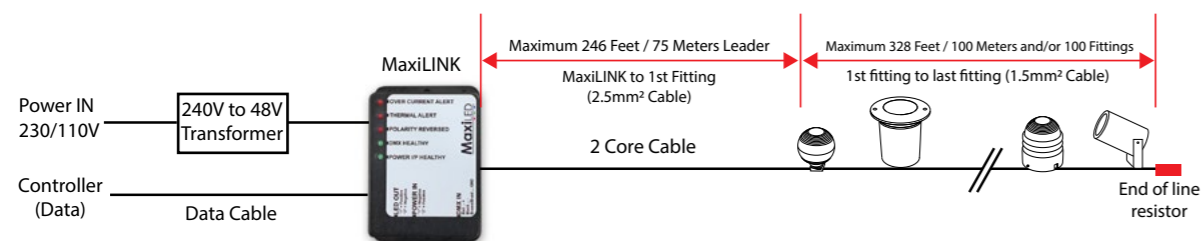


Cable/Run Lengths:
Each MaxiLINK® unit can control up to 100 RGBW Globes/Fittings. Using DMX protocol over a maximum 100m (328 ft) of cable. Maximum 75m (246 ft) from MaxiLINK® to first fitting.

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



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



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



Environment:
 IP65. 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:
 100W / 240W / 320W / 600W Models



Output:
 48VDC



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



Listings:
 UL/cUL, CE.



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

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)	●						●	●	●	●

Case Study - Marker Effect Series - DMX



Data over Power distribution to the fixtures



DMX RGBW



2 Core Data over Power

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

Scan to view the video



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 $+50^{\circ}\text{C}$ (122°F), it provides complete protection against the extreme elements of the Scottish weather.

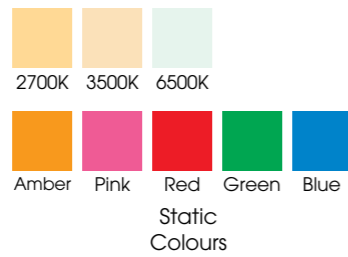
Using the unique data over power, wiring was kept to a minimum, ONLY using a single cable.

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”



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.

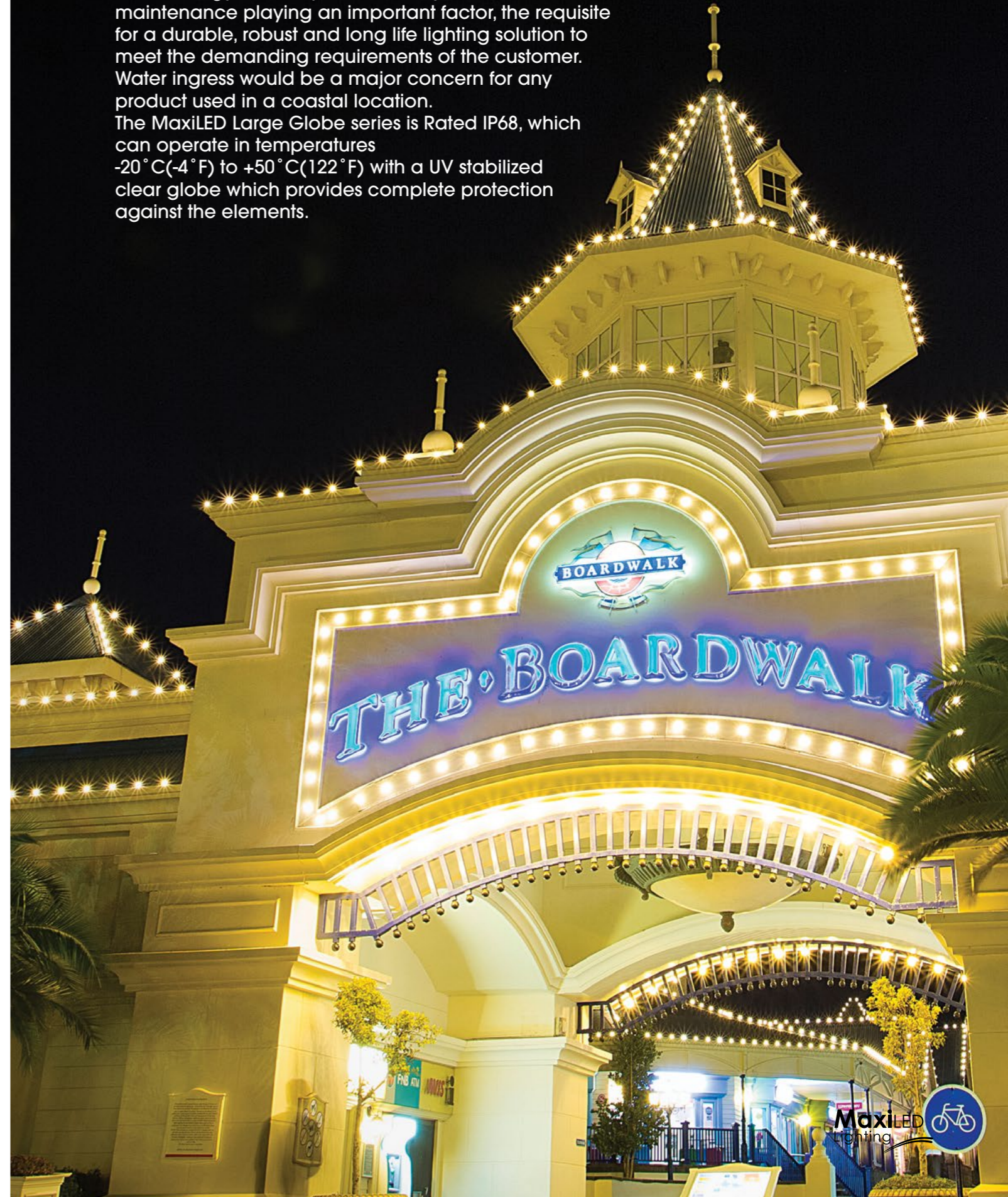


Design

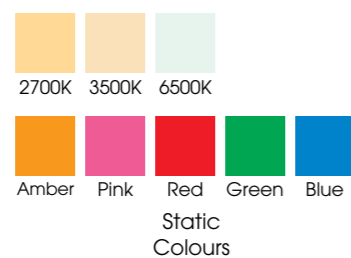
The lighting scheme by MaxiLED lighting was to enhance the architectural elements of the buildings. Seamlessly integrating the MaxiLED Large globe series with the sophisticated contours of the structure.

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

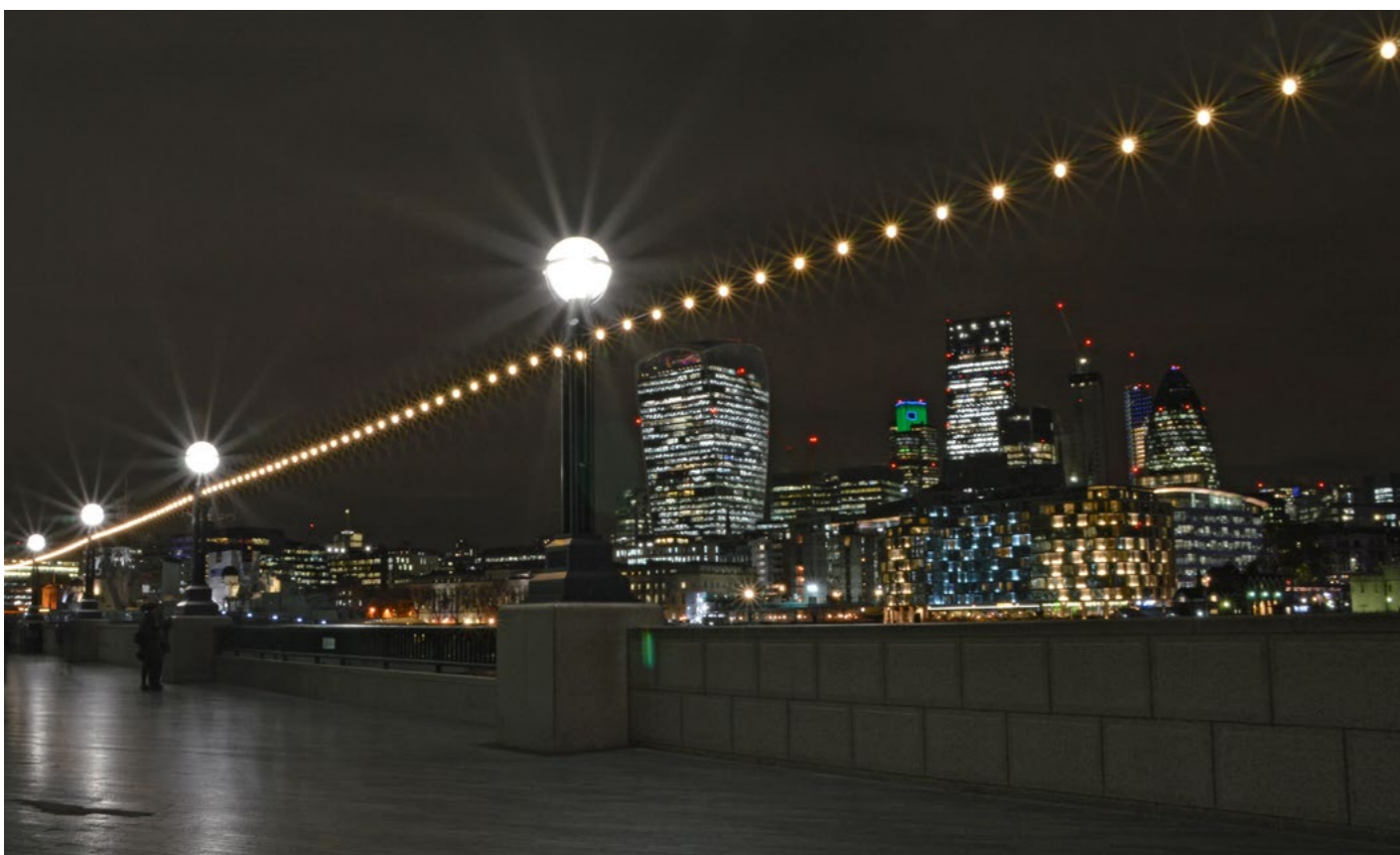
Location: Thames Embankment London, England

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



Data over Power distribution to the fixtures



DMX RGBW



2 Core Data over Power

Project Information

Client: Havas

Location: London, England

Products Used: MaxiPENDANT 64mm Globe series

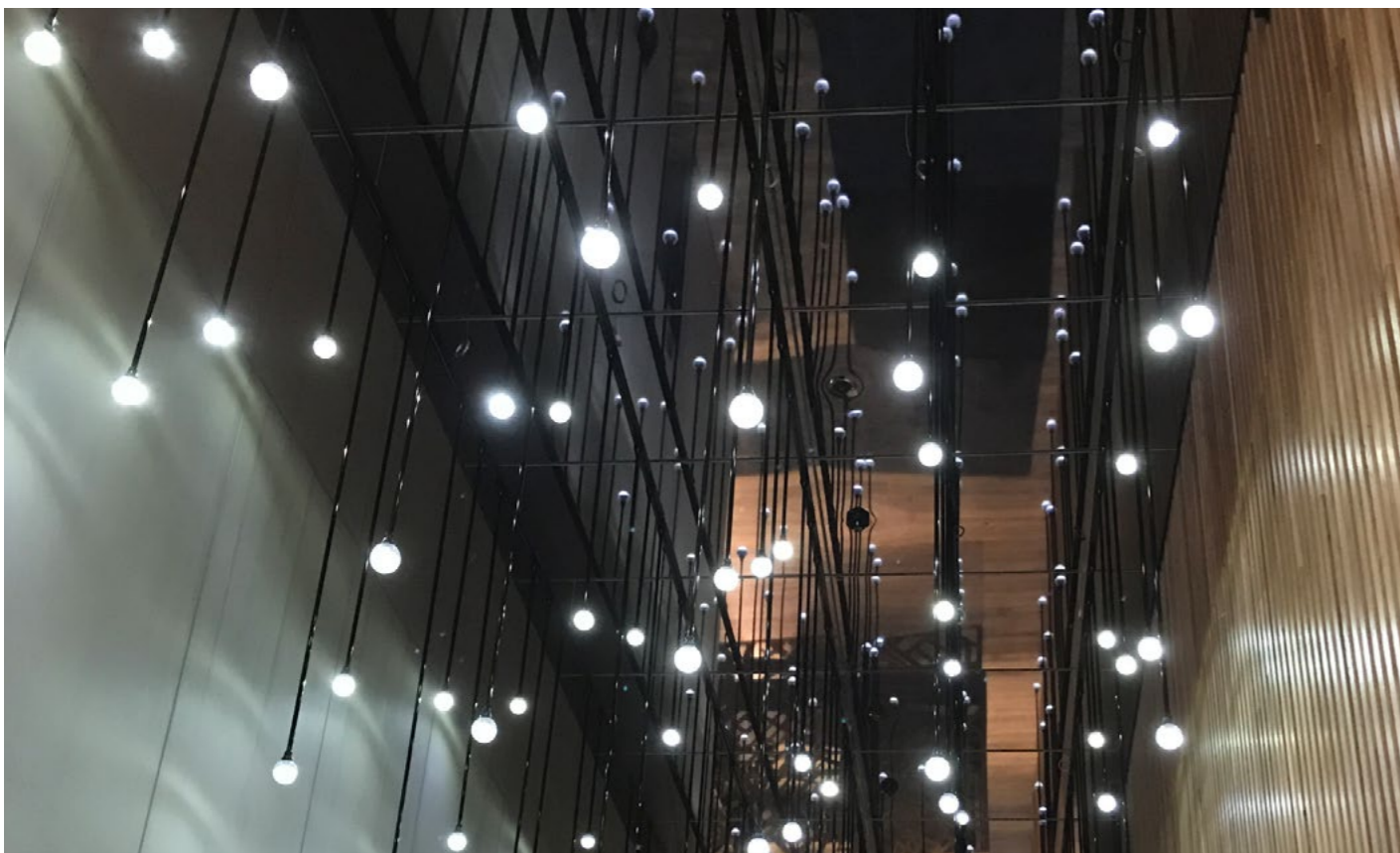
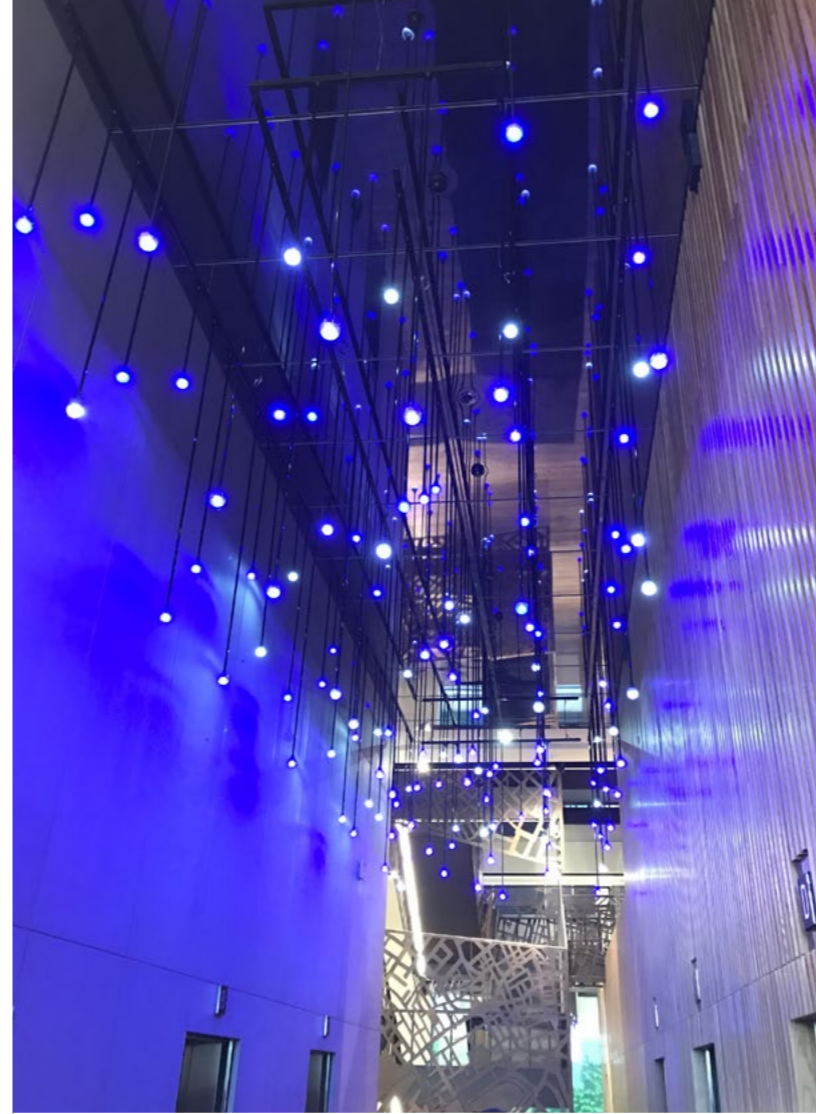
Controller Used: Pharos

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.

Scan to view the video



Case Study - MaxiLED Large Globe DMX



Data over Power distribution to the fixtures



DMX RGBW



2 Core Data over Power

Project Information

Client: Scottish Canals - United Kingdom

Location: Falkirk, Scotland - United Kingdom

Products Used: MaxiLED Large Globe RGBW DMX

Controller Used: MaxiLINK and Pharos

Scan to view the video



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



Data over Power distribution to the fixtures



DMX RGBW



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 luminaires, 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



Data over Power distribution to the fixtures



DMX RGBW



2 Core Data over Power

Project Information

Client: Ardbeg Distillery

Location: Islay

Products Used: MaxiLED GU10 Retro-fit RGBW DMX

Controller Used: MaxiLINK and Pharos

Scan to view the video



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



Data over Power distribution to the fixtures



DMX RGBW



2 Core Data over Power

Project Information

Client: Blackburn with Darwen Council

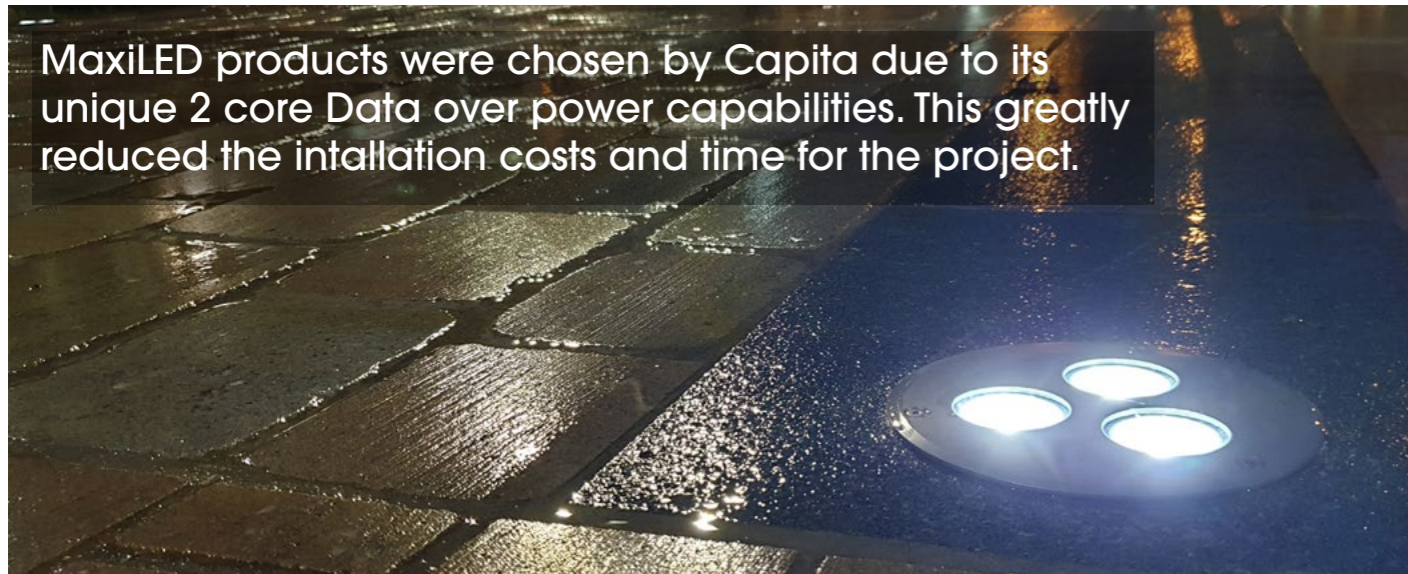
Location: Darwen Markets, Lancashire, UK

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



Data over Power distribution to the fixtures



DMX RGBW



2 Core Data over Power

Project Information

Client: Redcar and Cleveland Council - United Kingdom

Location: Saltburn Pier - United Kingdom

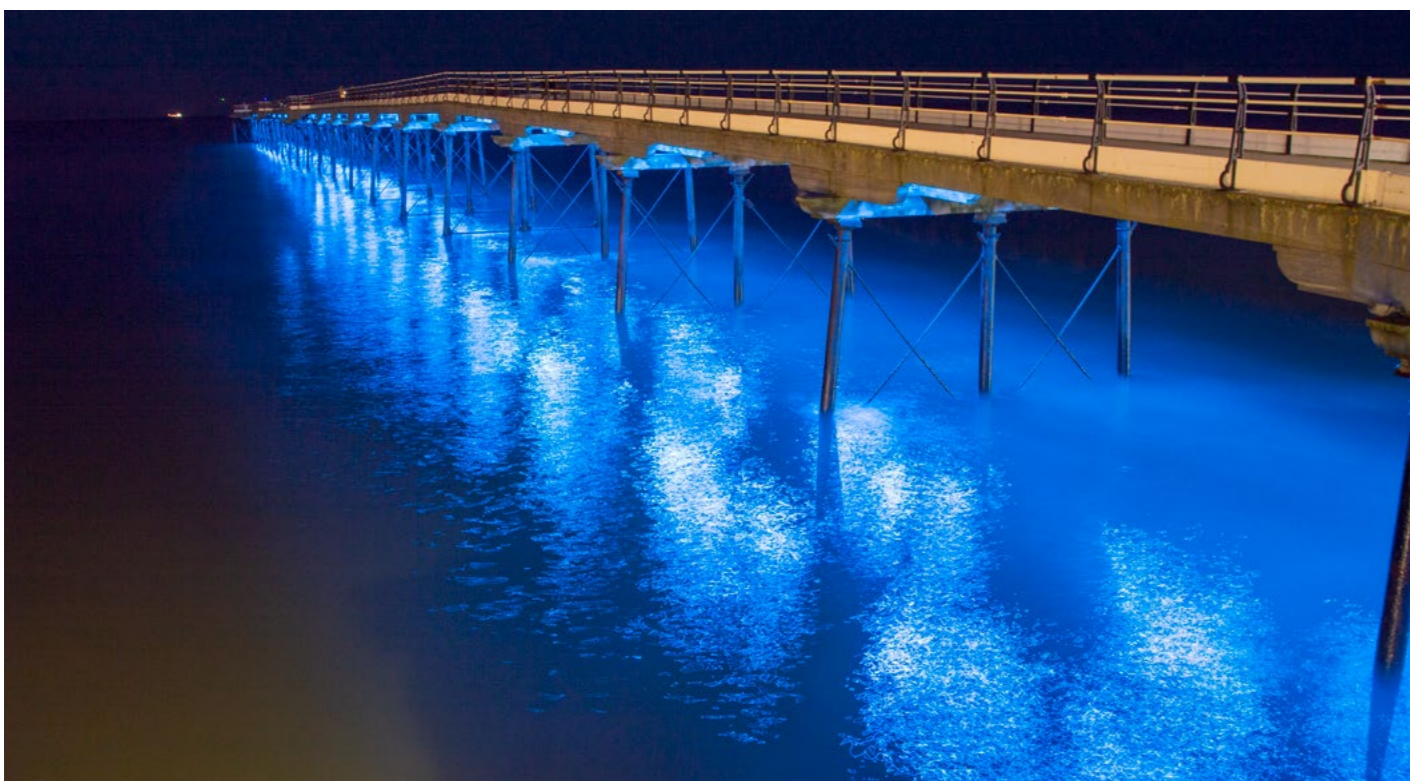
Products Used: MaxiLED Large Globe RGBW DMX

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.

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