DYNA ACCENT COLOR™

ACCLAIM LIGHTING

PROJECT	FIRM	ORDER #	TYPE	QTY

Dyna Accent Color™ fixtures are compact, punchy wash lights that excel in tight spaces where the need is great, yet the space is small. Available with three different RGBW emitter options and a 10º native beam angle, the output can be tailored to suit each location using optional spread lenses or snoots. Mounting options include a surface mount base, an attachment for 4" electrical boxes and even a landscape ground spike.

Supply needs are greatly simplified by the combined power and DMX control cable. Additionally, if you specify the Outdoor Link System option, each Dyna Accent Color can be connected into an OLS-equipped installation within seconds (see page 9).

As well as wired DMX control, every Dyna Accent Color fixture also benefits from built-in Aria wireless DMX capabilities to simplify installation even further. Configuration is achieved using RDM (via wired DMX) and all standard mains voltages are supported. For standalone operation, a configurable night mode uses an internal photocell and timer to respond automatically every evening as dusk approaches.

AT A GLANCE

Optics
- 10° x 10° native
- 20° x 20°
- 40° x 40°
- 60° x 60°
- 10° x 60°
- 100° x 100°

Wireless linking
aria
DMX ▶

Output
Up to
1,092 lumens
24,878 candela

Emitters
RGBW
(W=3000K, 4000K or 6000K)

Power
100 to **277**VAC **50/60**Hz

Temperature
-40º F to 125º F
-40º C to 51º C

Protection
Ingress: **IP66**
Impact: **IK07**
Vibration: **3G**

Control
DMX (+RDM)

Core technologies
SPECTRUMFOUR TECHNOLOGY
aria WIRELESS DMX
OUTDOORLINK SYSTEM

CONFIGURE YOUR PRODUCT

DAG - 2   1-   C   N

Example final code: DAG-241-LCHN

Finish:
1 = Black[1]
2 = White[1]
4 = Gray
7 = Custom[1]

Cable system:
A = 5' (1.5m) standard bare wires
L = 5' (1.5m) Outdoor Link System[2]

Emitters:
H = QW6 (RGBW, W=6000K)
I = QW4 (RGBW, W=4000K)
L = QS (RGBW, W=3000K)

[1] *Special order item*
[2] *Requires extra components - see page 9*

SCAN FOR PRODUCT PAGE

acclaimlighting.com   Specifications subject to change without notice / **March 2024**   Page 1 of 9

DYNA ACCENT COLOR™

ACCLAIM LIGHTING

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SPECIFICATIONS

Emitters	QS (W=3000K), QW4 (W=4000K) or QW6 (W=6000K)
Optics	10° native. Spread lens options: 20°, 40°, 60°, 10° x 60° or 100° x 100°
Output	Up to 1,092 lumens, 24,878 center candela - *see page 2*
Lumen maintenance	L_{70} 150,000 hours (@ 25º C)
Control	0-100% dimming via wired DMX (with RDM configuration) or DMX via built-in Aria wireless Automated photocell activation and manual color settings available in the control menu.
Maximum fixtures in series	32 via DMX (with power connections local to each fixture)
Operating voltage	100-277VAC, 50/60Hz
Power consumption	41W
Connection	Attached 5' (1.5m) hybrid IP66 cable (AWM 21388). Combined AC power and DMX/RDM Optional Outdoor Link System enables rapid power and control attachment - *see page 9*
Mounting	Directly compatible with ½" NPT pipe (O.D.=0.855"). Mount options also include: Ground spike, direct surface mount base, 4" round electrical box plate and extender arms
Effective projected area	0.96 ft²
Material	Die cast aluminum, glass top lens, optional marine coating available
Finish	Gray standard (RAL 7047), black (RAL 9005), white (RAL 9003) and custom colors optional
Ambient temperature range	-40º F to 125º F (-40º C to 51º C)
Ingress protection	IP66, wet location
Impact protection	IK07, protection against 2 joule impact (40cm distance)
Vibration protection	ANSI C136.31, 3G-rated for high vibration and bridge applications
Warranty	5 years, limited
Weight	10 lbs (4.53kg)
Dimensions	*See page 6*
Certifications	c(ETL)us Intertek CE 3G LUMINAIRE VIBRATION

PHOTOMETRICS

For all available IES files, please visit acclaimlighting.com/dyna-accent-color

RGBW emitters and optics	Lumens	Max Candela	Efficacy (lm/W)	CRI (Ra)	TM30
QS (10°)	973	22,965	24	-	-
QW4 (10°)	1,092	24,878	26	80.2	81
QW6 (10°)	1,265	32,950	30.8	79.3	79.8

PROJECT	FIRM	ORDER #	TYPE	QTY

RELATED COMPONENTS

Beam shaping accessories
Full snoots
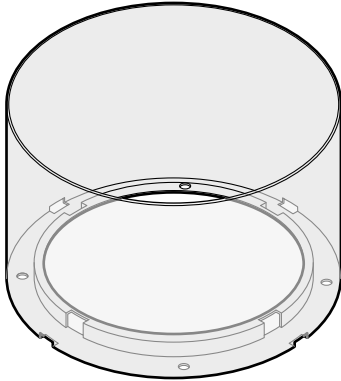
Gray	**DAGFSG**
Black	**DAGFSB**
White	**DAGFSW**
Custom*	**DAGFSC**

* RAL # also required

Spread lenses
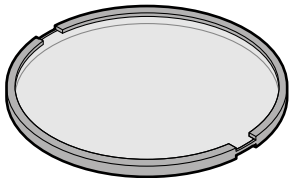
20°	**DAGSL20**
40°	**DAGSL40**
60°	**DAGSL60**
100°	**DAGSL100**
10° x 60°	**DAGSL1060**

Mounting accessories
Base plates (plus hollow lock nut)
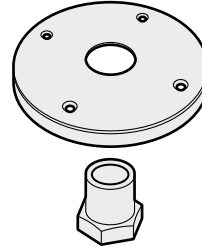
For use with 4" round electrical box	Gray	**DMAEBM**
	Black	**DMAEBM-B**
	White	**DMAEBM-W**
	Custom*	**DMAEBM-C**
For direct surface mounting	Gray	**DMADSM**
	Black	**DMADSM-B**
	White	**DMADSM-W**
	Custom*	**DMADSM-C**

Ground spike (plus threaded joiner)
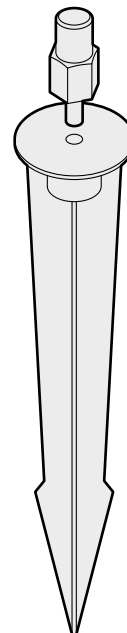
Gray	**DMASTM**
Black	**DMASTM-B**
White	**DMASTM-W**
Custom*	**DMASTM-C**

SCAN FOR PRODUCT PAGE

RELATED COMPONENTS

Mounting accessories (continued)

Extender arms
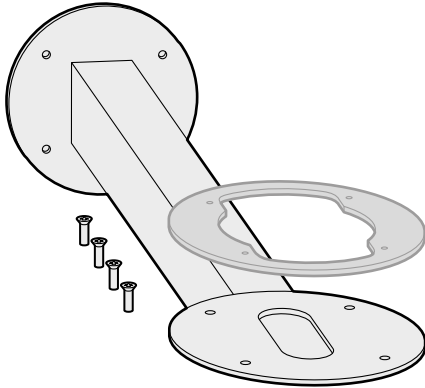
6" (15cm)	Gray	**DYNAFEB6**
	Black	**DYNAFEB6-B**
	White	**DYNAFEB6-W**
	Custom*	**DYNAFEB6-C**
12" (30cm)	Gray	**DYNAFEB12**
	Black	**DYNAFEB12-B**
	White	**DYNAFEB12-W**
	Custom*	**DYNAFEB12-C**
18" (45cm)	Gray	**DYNAFEB18**
	Black	**DYNAFEB18-B**
	White	**DYNAFEB18-W**
	Custom*	**DYNAFEB18-C**
36" (91cm)	Gray	**DYNAFEB36**
	Black	**DYNAFEB36-B**
	White	**DYNAFEB36-W**
	Custom*	**DYNAFEB36-C**

Aria wireless DMX system

| Aria DMX transceiver | **ARIA WDS** |
| Aria DMX range extender | **ARIA RE** |

Configuration tool

DMX/RDM control accessory
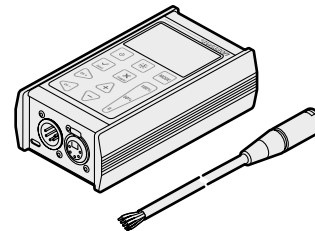
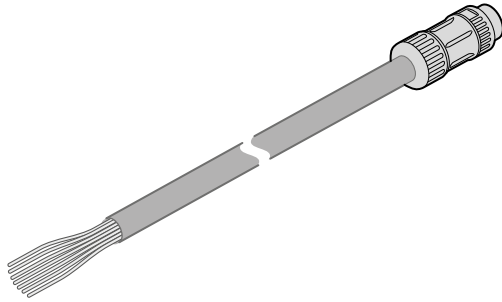| Part # | **XMT350** |

DMX + RDM Addressing and Testing Tool

PROJECT		FIRM	ORDER #	TYPE	QTY

RELATED COMPONENTS

Outdoor Link System items *(see also page 9)*

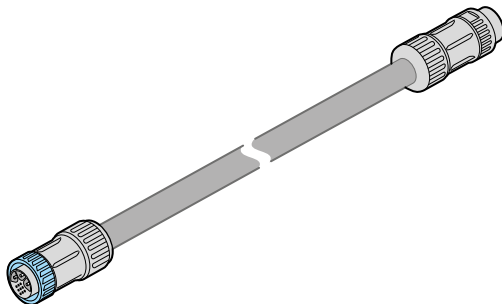### Feed cables

1' (30cm)	**OLSF1#-V2**
5' (1.5m)	**OLSF5#-V2**
10' (3m)	**OLSF10#-V2**
25' (7.6m)	**OLSF25#-V2**
50' (15.2m)	**OLSF50#-V2**

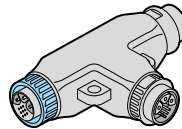*# = color: G-Gray, B-Black, W-White, C-Custom (RAL# required)*

Link cables

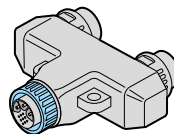| 1' (30cm) | **OLSL1#-V2** |
5' (1.5m)	**OLSL5#-V2**
10' (3m)	**OLSL10#-V2**
25' (7.6m)	**OLSL25#-V2**
50' (15.2m)	**OLSL50#-V2**

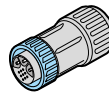*# = color: G-Gray, B-Black, W-White, C-Custom (RAL# required)*

T-junction

| Part# | **OLST2-B** | Black |
| | **OLST2-W** | White |

Y-junction

| Part# | **OLSY2-B** | Black |
| | **OLSY2-W** | White |

End cap with DMX termination

| Part# | **OLSEC-B** | Black |
| | **OLSEC-W** | White |

IP66 junction box (plus outlet cable gland)
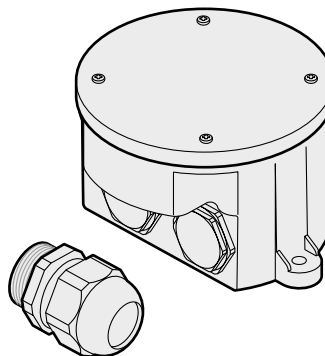
| Part # | **AJBOX1** |

IP66 NEC compliant high+low voltage junction box
1/2" conduit inputs for AC + DMX, 3/4" conduit for OLSF#
Built-in AC surge protection up to 10kV & 10kA

SCAN FOR PRODUCT PAGE

	PROJECT		FIRM	ORDER #	TYPE	QTY

DIMENSIONS

DYNA ACCENT COLOR

11.38″ (289mm)

Ø6.14″ (156mm)

11.06″ (281mm)

Ø1.1" (28mm)
½" NPT thread

BASE PLATE (FOR 4″ ELEC BOX)

2.48" (63mm)

4 x Ø0.18" (4.5mm)
Ø0.28" (7mm) c'sink

2.48" (63mm)

Ø4.45" (113mm)

Ø4.29" (109mm)

0.39" (10mm)
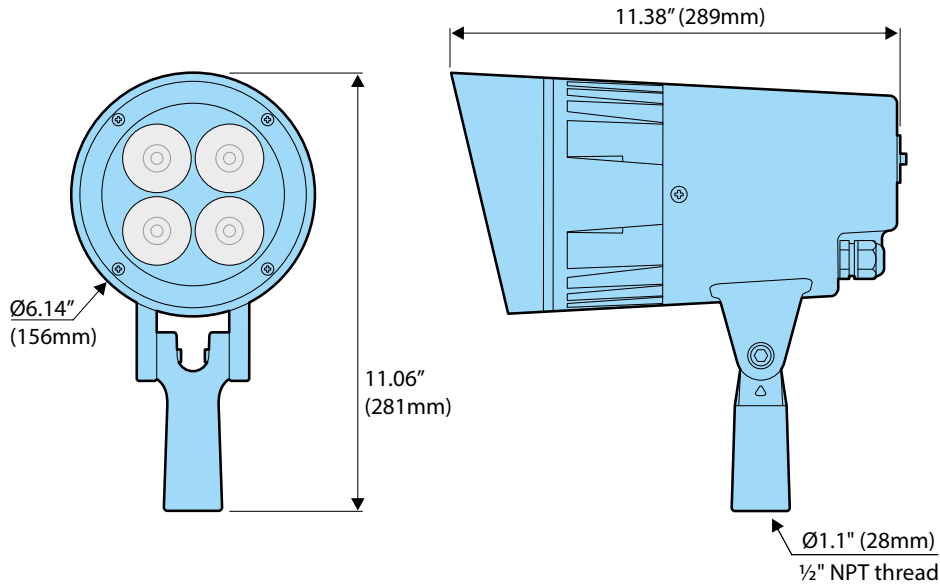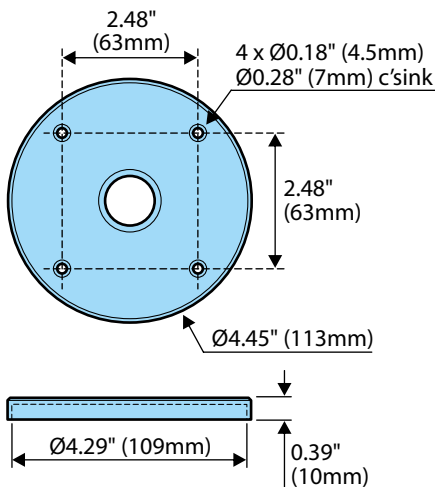
BASE PLATE (FOR SURFACE MOUNTING)

2.48" (63mm)

4 x Ø0.28" (7mm)
Ø0.47" (12mm) c'sink

2.48" (63mm)

Ø4.45" (113mm)

0.47" (12mm)

½" NPT thread

0.79" (20mm)

0.31" (8mm)

1.02" (26mm)

Ø0.53" (13.5mm)
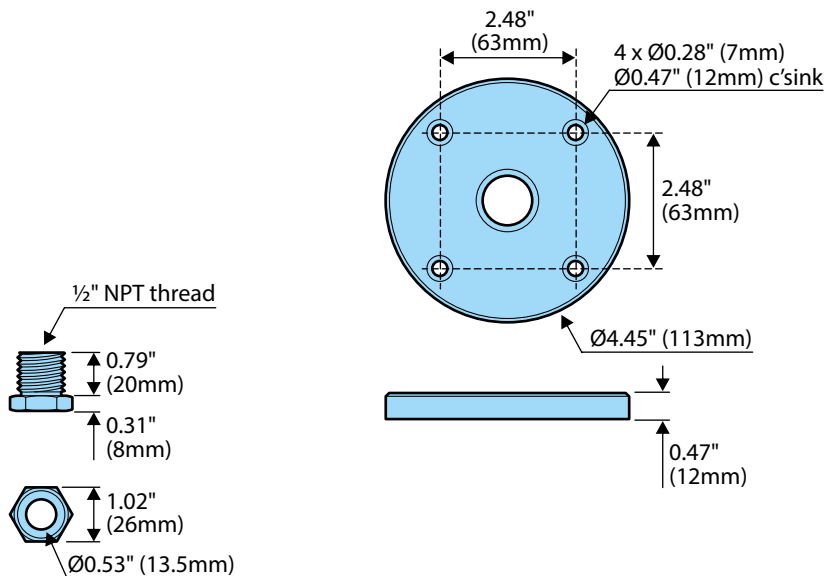
**HOLLOW LOCK NUT
FOR BASE PLATES**

PROJECT	FIRM	ORDER #	TYPE	QTY

DIMENSIONS

GROUND SPIKE AND JOINER

Ø2.36" (60mm)

10.43" (265mm)

½" NPT thread

1.1" (28mm)

0.94" (24mm)

0.63" (16mm)

AJBOX1

5.51" (140mm)

Ø4.41" (Ø112mm)

Ø0.2" (Ø5mm)

4.72" (120mm)

3.07" (78mm)

AC IN

DMX IN
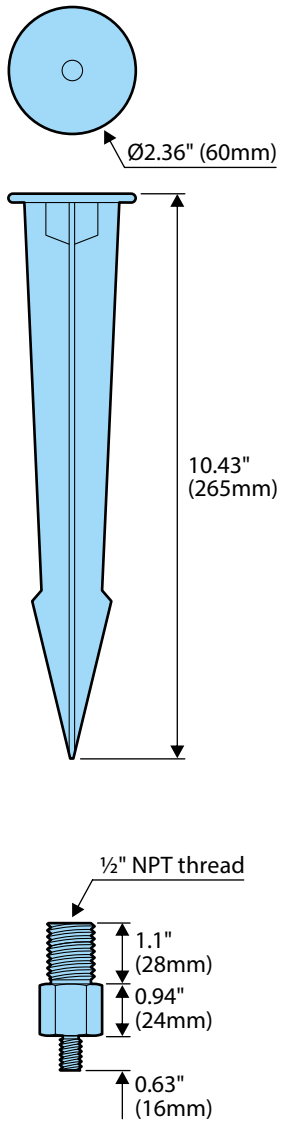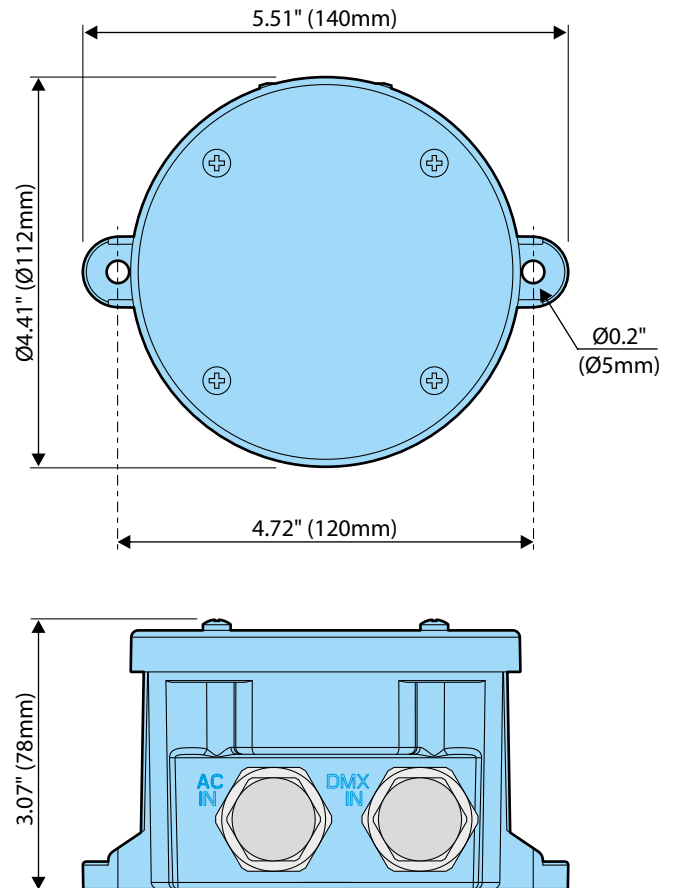
SCAN FOR PRODUCT PAGE

PROJECT	FIRM	ORDER #	TYPE	QTY

IMPORTANT CABLING CONSIDERATIONS

- Wherever possible, cable runs should be positioned to make them beyond normal reach within any installation.
- For long cable runs, external runs and in areas where public contact and/or accidental damage is possible, the cabling should be contained within protective conduit. Minimum spec: Schedule 40, 1.5" (ID: Ø1.61", OD: Ø1.74").
- Additional power cabling: Where power feeds require extra cabling, the power cores should be 14 AWG minimum.
- Additional DMX control cabling: For initial control runs, these are recommended:
  - Indoor exposed or inside conduit above grade:................... Belden 9842
  - Indoor plenum: .... Belden 82842
  - Outdoor exposed, direct burial, or inside conduit below grade: . . . Belden 3107DB
- Suitable alternative cables must meet all of the following requirements:
  - Construction: Shielded, twisted pair (or multi-pair).
  - Impedance: Between 90 and 120Ω.
  - Capacitance: 15pF or less.
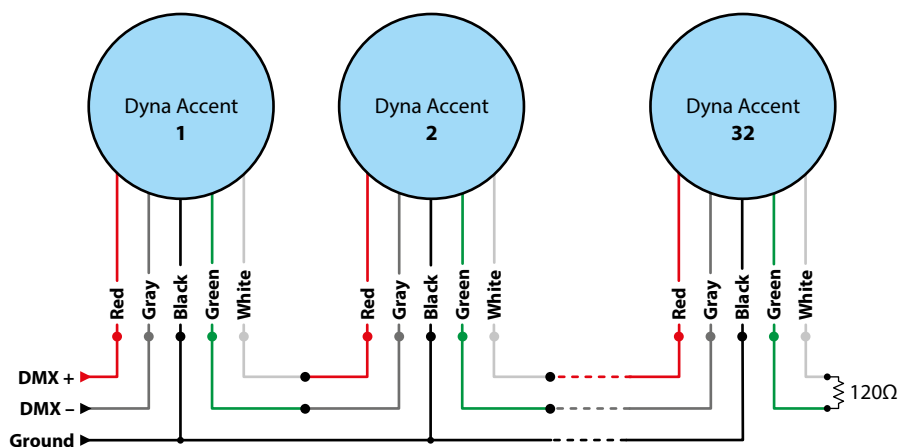- Please consult and adhere to all relevant local codes.
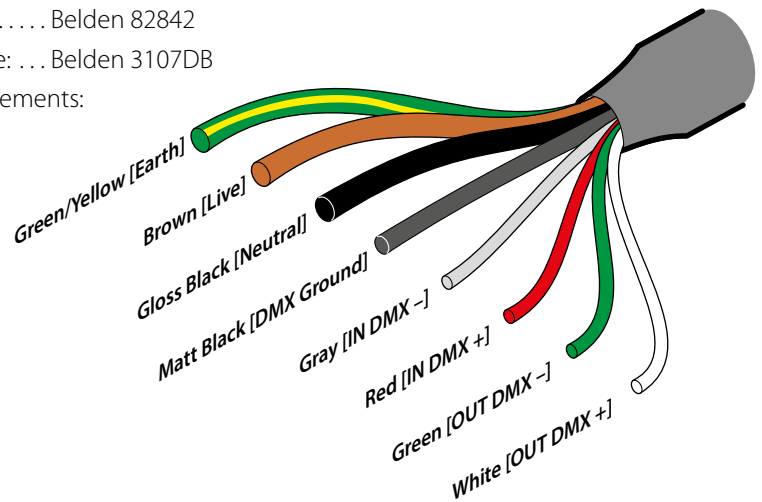
OUTDOORLINK
SYSTEM
See page 9 for details
about the Acclaim Lighting
Outdoor Link System

Green/Yellow [Earth]
Brown [Live]
Gloss Black [Neutral]
Matt Black [DMX Ground]
Gray [IN DMX –]
Red [IN DMX +]
Green [OUT DMX –]
White [OUT DMX +]

CONTROL

When connecting multiple fixtures, without the Outdoor Linking System options, connect the DMX control input lines to the first fixture and feed the output of that fixture to the next. The final fixture in the line should have a 120Ω terminating resistor connected between the DMX + and DMX – lines:

Dyna Accent **1**

Dyna Accent **2**

Dyna Accent **32**

Red Gray Black Green White

Red Gray Black Green White

Red Gray Black Green White

DMX +
DMX –
Ground

120Ω

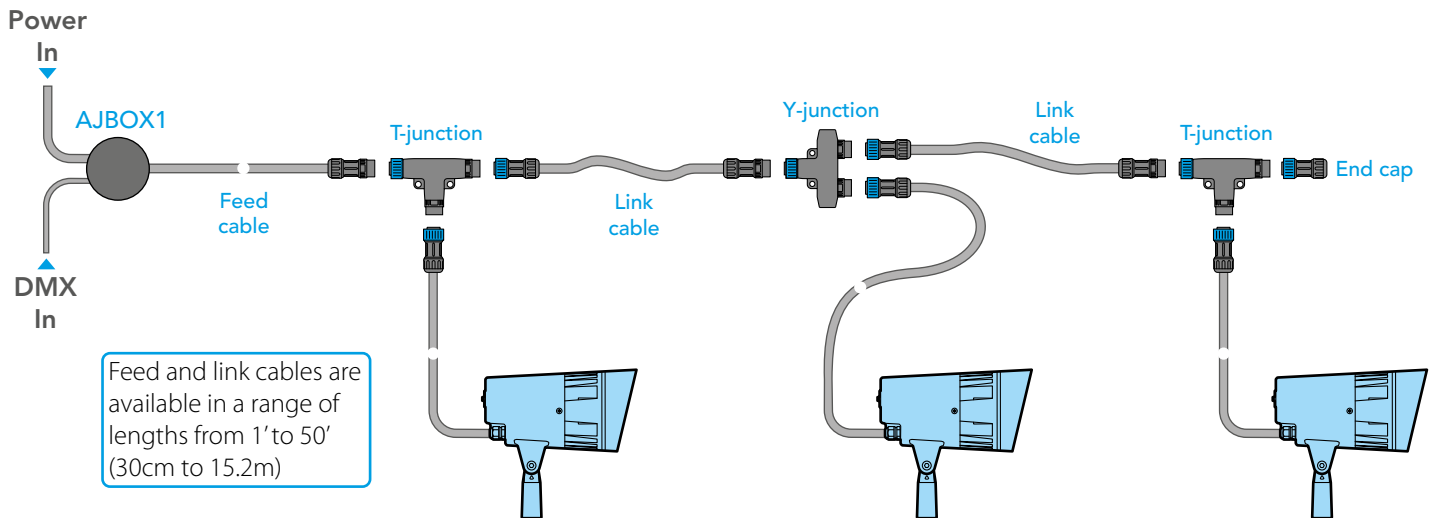### TIPS FOR ACHIEVING SUCCESSFUL DMX CONTROL

- Do not exceed a total cable length of 1,500 ft (457m) without buffering.
- Do not exceed a total of 32 fixtures on a single line without buffering.
- Use only connection cables with a characteristic impedance of 120Ω, preferably where the DMX + and DMX – data lines are twisted around each other and the ground link exists as a coaxial screen surrounding the inner cores.
- Connect a 120Ω terminating resistor between the DMX + and DMX – output connections of the final fixture.
- Do not introduce a passive Y-split into the control cabling. If it is necessary to split the control link in order feed fixtures located in different directions, use a powered DMX splitter/buffer.
- Ensure that the DMX + and DMX – connections do not become crossed at any point.

	PROJECT		FIRM	ORDER #	TYPE	QTY

ACCLAIM LIGHTING OUTDOOR LINK SYSTEM (OLS)

OUTDOORLINK
SYSTEM

The Outdoor Link System (OLS) from Acclaim Lighting greatly simplifies the task of distributing power and control to multiple fixtures. OLS-equipped fixtures can be added to, and removed from an installation in a fraction of the usual time.

Power In

AJBOX1

DMX In

T-junction

Y-junction

Link cable

T-junction

End cap

Feed cable

Link cable

Link cable

Feed and link cables are available in a range of lengths from 1' to 50' (30cm to 15.2m)

- Robust IP67-rated hybrid connectors are used throughout, each of which combines AC power and DMX control.
- All connectors are push-to-fit and twist-to-release.
- A simple color code is used throughout: Blue collars are inputs; black collars are outputs.
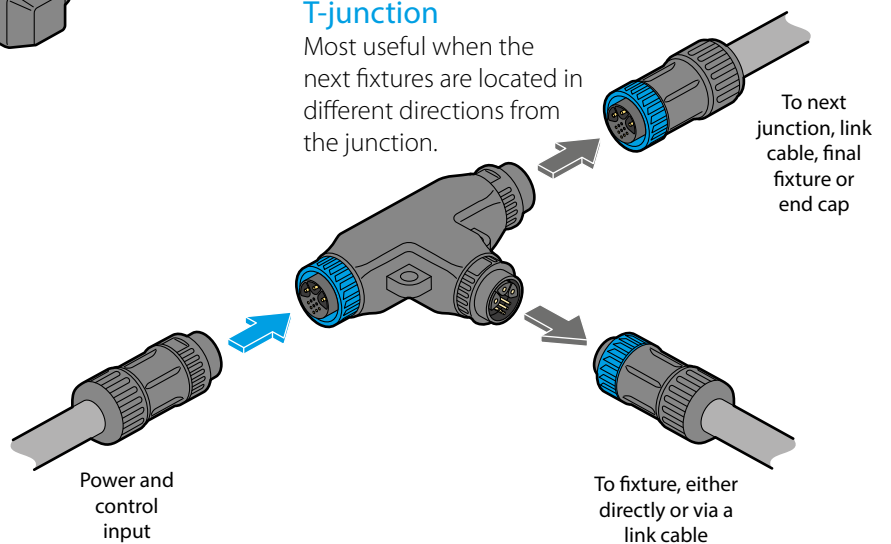

To fixture, either directly or via a link cable

To next junction, link cable, final fixture or end cap

Y-junction
Most useful when the next fixtures are located in the same direction from the junction.

Power and control input
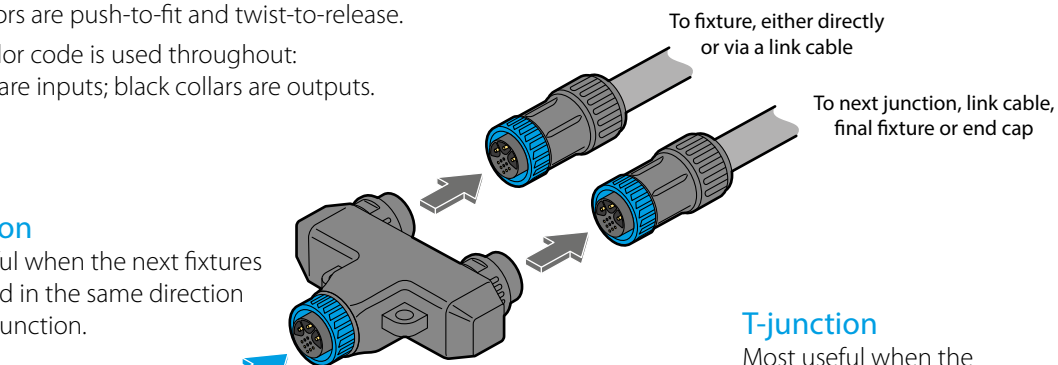
T-junction
Most useful when the next fixtures are located in different directions from the junction.

To next junction, link cable, final fixture or end cap

Power and control input

To fixture, either directly or via a link cable

For full installation details, please refer to the **user guide**, available for free download here: