

PROJECT

FIRM

ORDER #

TYPE

QTY

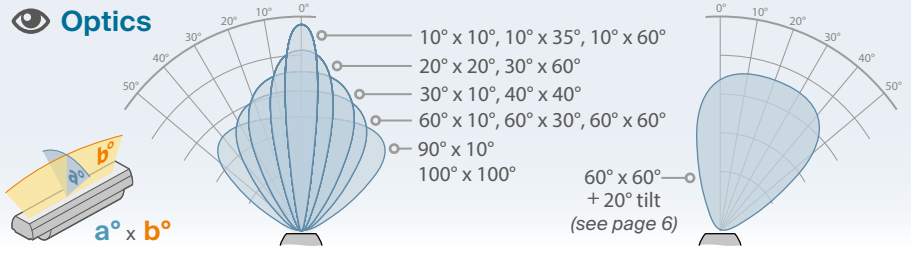


Ease of installation and outstanding flexibility are two stand-out features of **Adapt Linear DMX™**. These smart indoor fixtures are quick to ship, quick to fit and able to change - in a word: Adaptable. The built-in link cables can retract to allow fixtures to either be directly abutted or set at angles up to 45°. This makes daisy-chaining quick, simple and responsive.

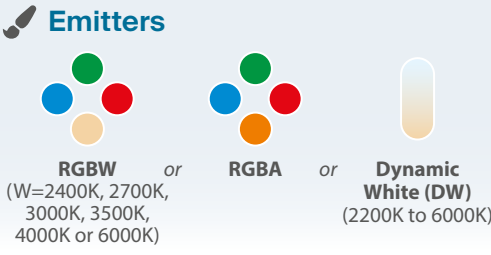
Numerous emitter options are available, featuring RGBW, RGBA or Dynamic White together with a wide range of optics. Every model also features three power levels at 2.5W, 5W or 10W per linear foot: Brighter, shorter runs - *Check*. Less bright, longer runs - *Check*. Control is via DMX, with all configuration carried out through RDM. All standard mains supply voltages are supported.



At a glance

Optics


10° x 10°, 10° x 35°, 10° x 60°
20° x 20°, 30° x 60°
30° x 10°, 40° x 40°
60° x 10°, 60° x 30°, 60° x 60°
90° x 10°
100° x 100°
60° x 60° + 20° tilt (see page 6)

Emitters


RGBW (W=2400K, 2700K, 3000K, 3500K, 4000K or 6000K)
or
RGBA
or
Dynamic White (DW) (2200K to 6000K)

Power
100 to 277VAC
50/60Hz

Temperature
-4° F to 113° F
-20° C to 45° C

Protection
Ingress: IP40
Impact: IK10

Output
Up to 411 lumens per linear foot

Core technologies
SpectrumFour technology
AcclaimModular systems

Configure your product

APX **-AXC** **-AXO** **-AXW**

Example final code: **APXD2-AXCR-AXOK-AXWA**

Length:
A = 1' (305mm)
D = 4' (1220mm)


Finish:
1 = Black*
2 = White
4 = Gray*
7 = Custom (RAL #)*

Emitters:
M = QW24 (RGBW, W=2400K)
N = QW27 (RGBW, W=2700K)
Q = QS (RGBW, W=3000K)
O = QW35 (RGBW, W=3500K)
R = QW4 (RGBW, W=4000K)
S = QW6 (RGBW, W=6000K)
T = RGBA
X = Dynamic White 2200K-6000K


Optics:
C = 10° x 10° H = 40° x 40°
P = 10° x 35° J = 60° x 10°
R = 10° x 60° Y = 60° x 30°
E = 20° x 20° K = 60° x 60°
I = 30° x 10° Z = 90° x 10°
Q = 30° x 60° L = 100° x 100°
T = Asymmetric Wall Wash Left 60° x 60°, 20° tilt
U = Asymmetric Wall Wash Right 60° x 60°, 20° tilt

Power setting (W/ft):
A = SO 10W
B = EO 5W
C = LO 2.5W

SCAN FOR PRODUCT PAGE



* indicates special order items, which may require longer lead times.
(AMS quick ship only applies to white housing)



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Specifications

Emitters	QW24 (RGBW, W=2400K), QW27 (RGBW, W=2700K), QS (RGBW, W=3000K), QW35 (RGBW, W=3500K), QW4 (RGBW, W=4000K), QW6 (RGBW, W=6000K), RGBA or Dynamic White
Optics	10° x 10°, 10° x 35°, 10° x 60°, 20° x 20°, 30° x 10°, 30° x 60°, 40° x 40°, 60° x 10°, 60° x 30°, 60° x 60°, 90° x 10°, 100° x 100° or Asymmetric wall wash (60° x 60°, 20° tilt - see page 6)
Lumen maintenance	L ₇₀ 130,000 hours (@ 25° C)
Control	0-100% dimming via wired DMX (with RDM configuration)
Maximum fixtures in series	SO: 70' (21m), EO & LO: 140' (42m)
Housing lengths	1' (305mm) or 4' (1220mm)
Operating voltage	100-277VAC, 50/60Hz
Power consumption	SO (10W per ft): 1': 10W 4': 40W, EO (5W per ft): 1': 5W 4': 20W, LO (2.5W per ft): 1': 2.5W 4': 10W
Connection	Retractable end to end connection for straight or curved runs, optional link cables available
Mounting	Two built-in ratcheted (tool-free) swivel mount brackets
Material	Aluminum body with polycarbonate top lens
Finish	White standard (AMS quick ship). Optional black, gray, or custom (supply RAL #)
Ambient temperature range	-4° F to 113° F (-20° C to 45° C)
Ingress protection	IP40, dry location
Impact protection	IK10, protection against 20 joule impact (40cm distance)
Warranty	5 years, limited
Weight	1': 0.8 lbs (0.36 kg) 4': 3.2 lbs (1.45 kg)
Dimensions	LxWxH: 12 or 48" x 1.97" x 2.17" (305 or 1220 x 50 x 55mm) - see page 7
Certifications	    

Photometrics

For all available IES files, please visit acclaimlighting.com/adapt-linear-dmx

Color or color temperature	Lumens (per ft)	Max Candela	Efficacy (lm/W)	CRI (Ra)	TM30
QW6 10°, 10W	411	5,124	41	85	84.5



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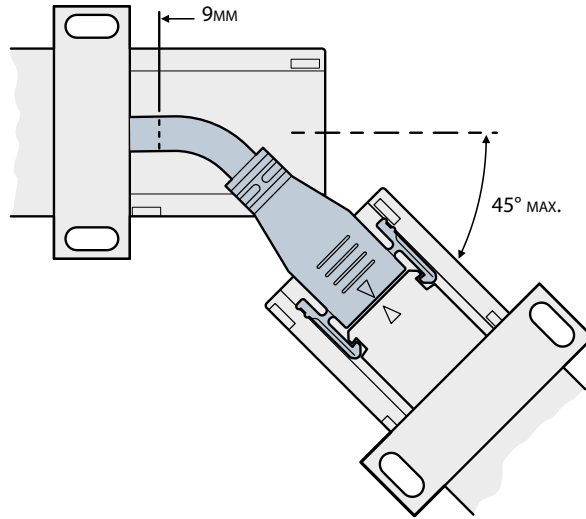
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Curved runs

The short power/signal input cable at one end of each fixture can extend by 0.35" (9mm) to assist with connection/disconnection and also to permit angular alignment (up to 45° max) between neighboring units.



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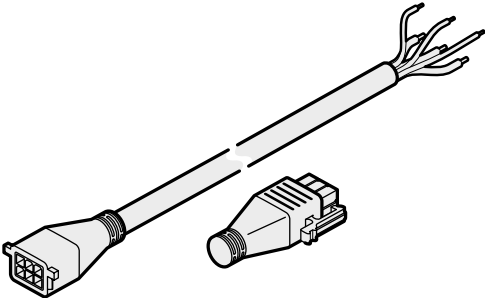
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Related components

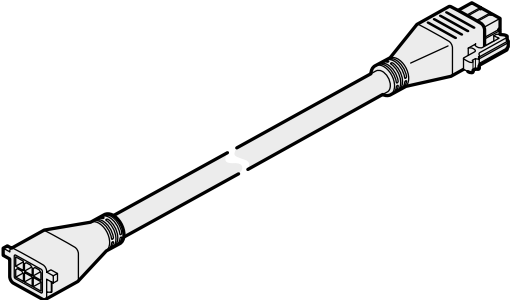
Cables

Feed cables (includes end cap)



10' (3m)	White Black	APXFC10-W APXFC10-B
50' (15m)	White Black	APXFC50-W APXFC50-B

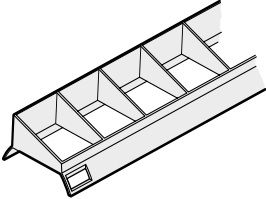
Link cables



6" (15cm)	White Black	APXLC05-W APXLC05-B
1' (30cm)	White Black	APXLC1-W APXLC1-B
5' (1.5m)	White Black	APXLC5-W APXLC5-B
10' (3m)	White Black	APXLC10-W APXLC10-B

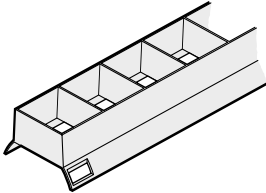
Beam accessories

Half louvers



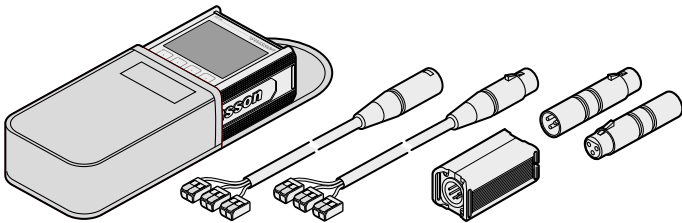
1' (30cm)	White Gray Black Custom	ADLHLV1W ADLHLV1G ADLHLV1B ADLHLV1C
4' (122cm)	White Gray Black Custom	ADLHLV4W ADLHLV4G ADLHLV4B ADLHLV4C

Full louvers



1' (30cm)	White Gray Black Custom	ADLLV1W ADLLV1G ADLLV1B ADLLV1C
4' (122cm)	White Gray Black Custom	ADLLV4W ADLLV4G ADLLV4B ADLLV4C

Test and configuration tool kit



XMT-500
DMX/RDM, ArtNet and sACN test/configuration tool with cable dongle, 3/5-pin converters, bare cable connectors and pouch

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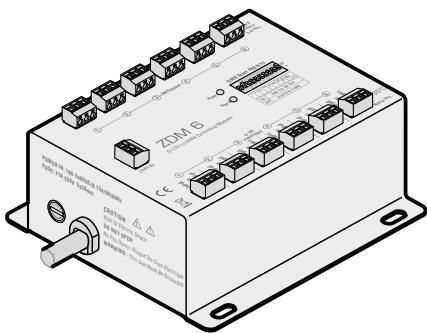
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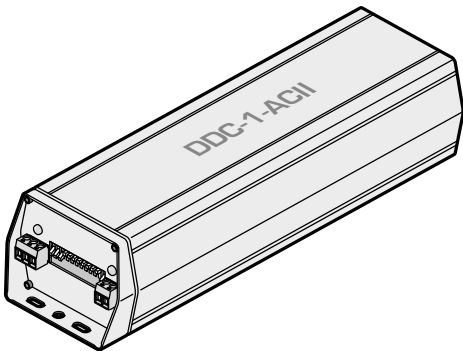
Related components

Signal converters (see page 9)



Multi-channel (0-10V) converter

ZDM6

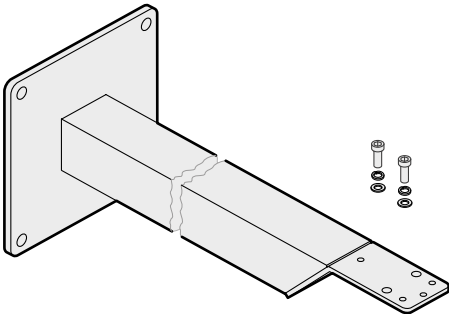


DALI multiple channel converter

DDC1AC

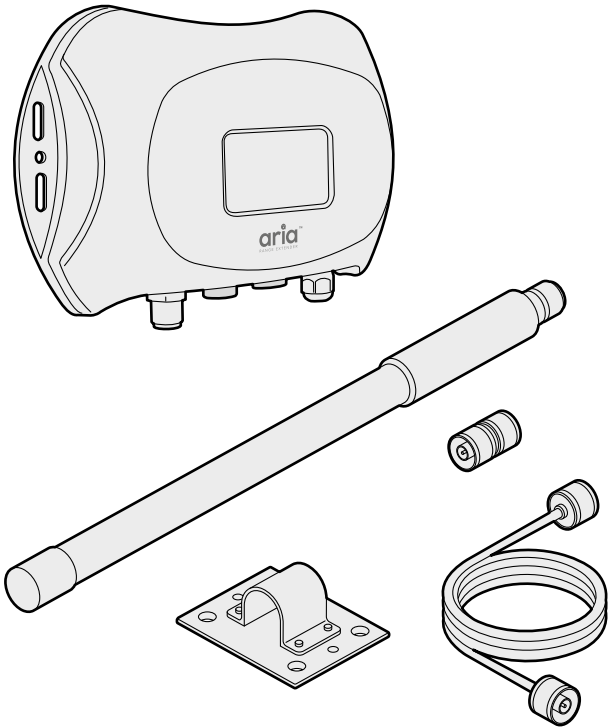
Mounting accessories

Extender bars



6" (15cm)	White	ADLEB05W
	Gray	ADLEB05G
	Black	ADLEB05B
	Custom	ADLEB05C
1' (30cm)	White	ADLEB1W
	Gray	ADLEB1G
	Black	ADLEB1B
	Custom	ADLEB1C
2' (61cm)	White	ADLEB2W
	Gray	ADLEB2G
	Black	ADLEB2B
	Custom	ADLEB2C
3' (91cm)	White	ADLEB3W
	Gray	ADLEB3G
	Black	ADLEB3B
	Custom	ADLEB3C

Wireless DMX transceiver



Wireless transceiver with antenna, cable, adapter and antenna bracket

ARIA WDS

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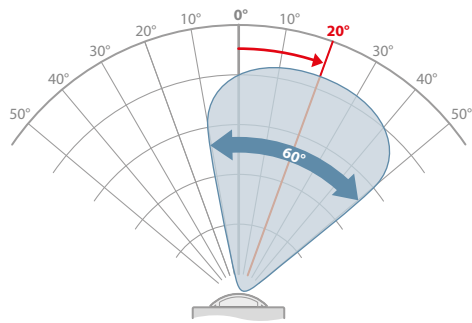
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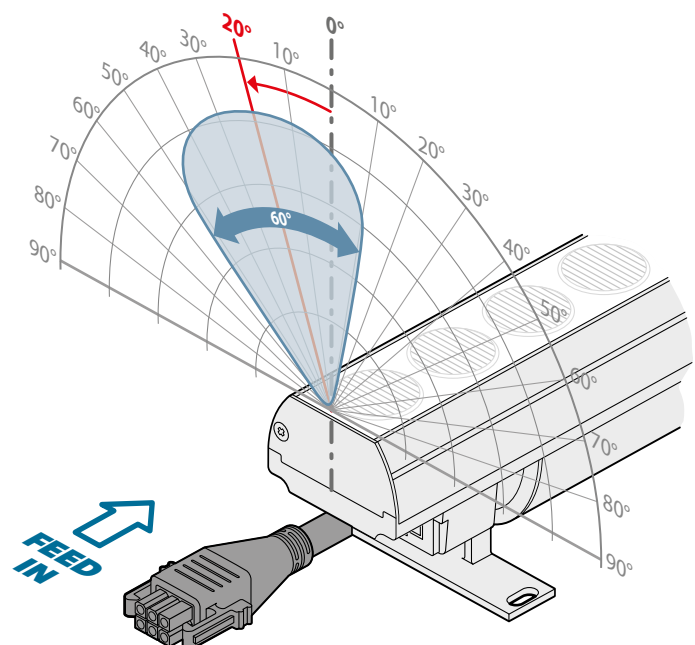
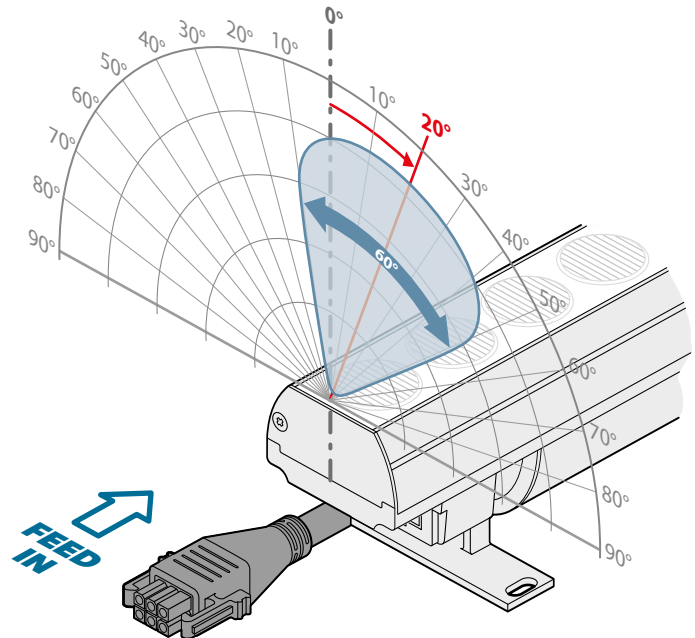
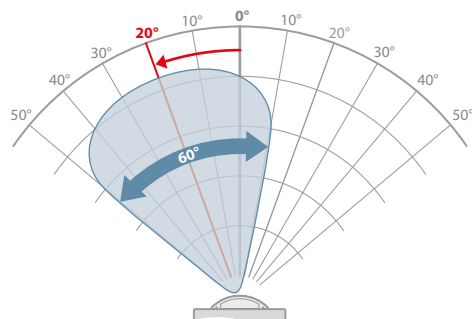
Asymmetric wall wash lens options

Two special lens options are available, both of which provide a 20 degree side-bias to the direction of the emitted output. Both lens options produce a 60 x 60 degree main beam angle; the difference is whether those beams are biased to the left or to the right of the fixture, in relation to the feed in connection.

Asymmetric Wall Wash Right (60° x 60° with 20° tilt)



Asymmetric Wall Wash Left (60° x 60° with 20° tilt)



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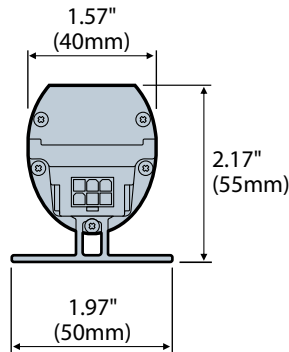
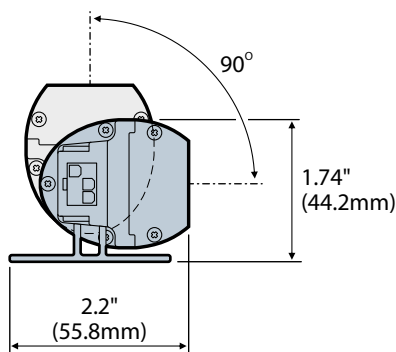
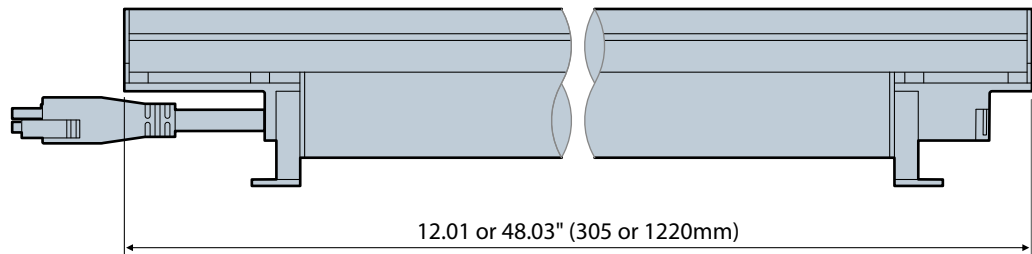
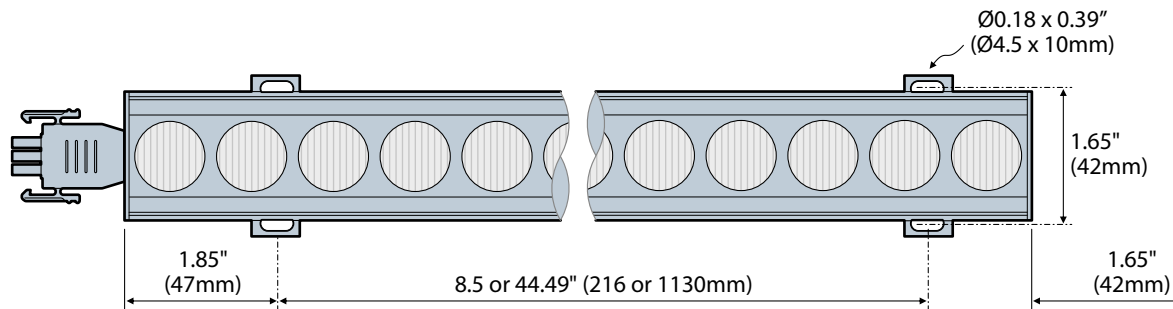
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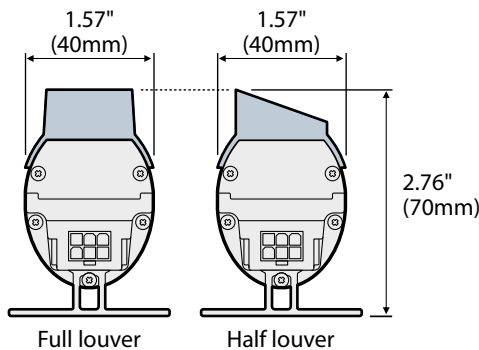
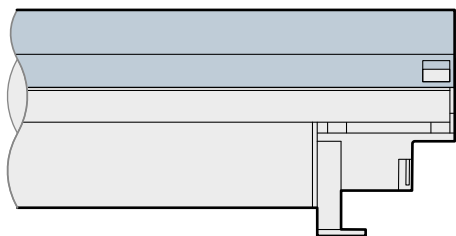
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Dimensions



with optional louver



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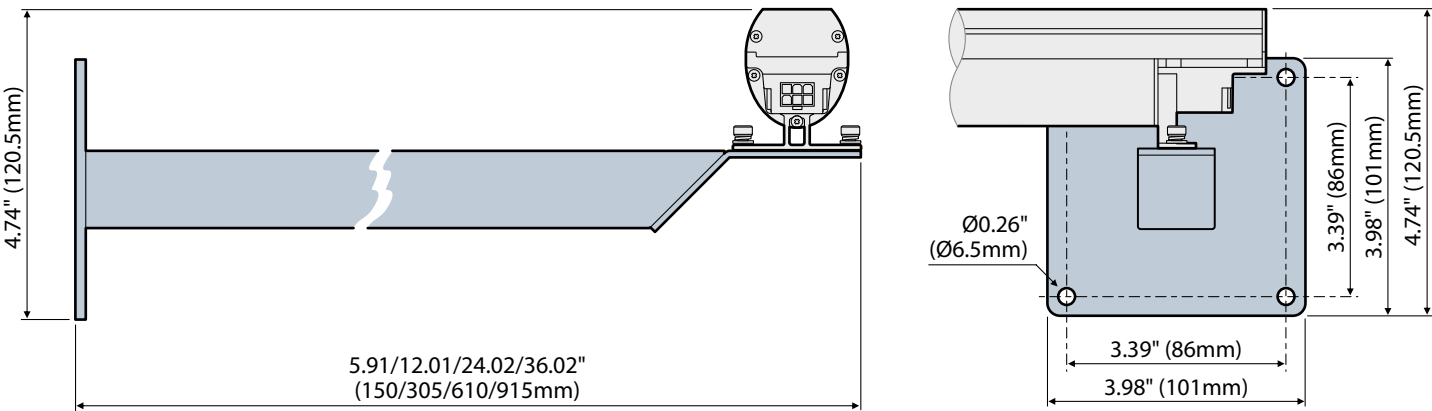
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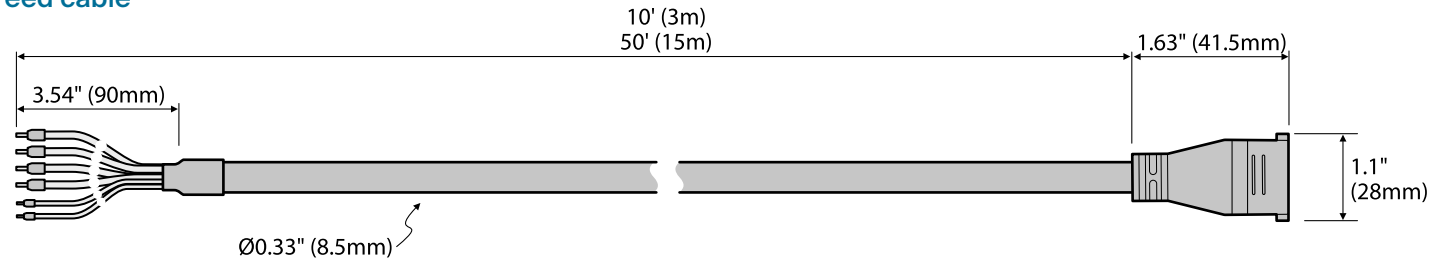
Dimensions

Optional extender bars

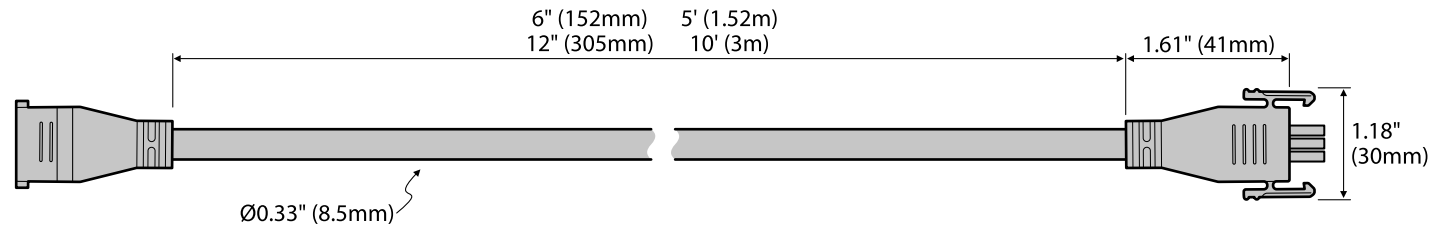


Cables

Feed cable



Link cable



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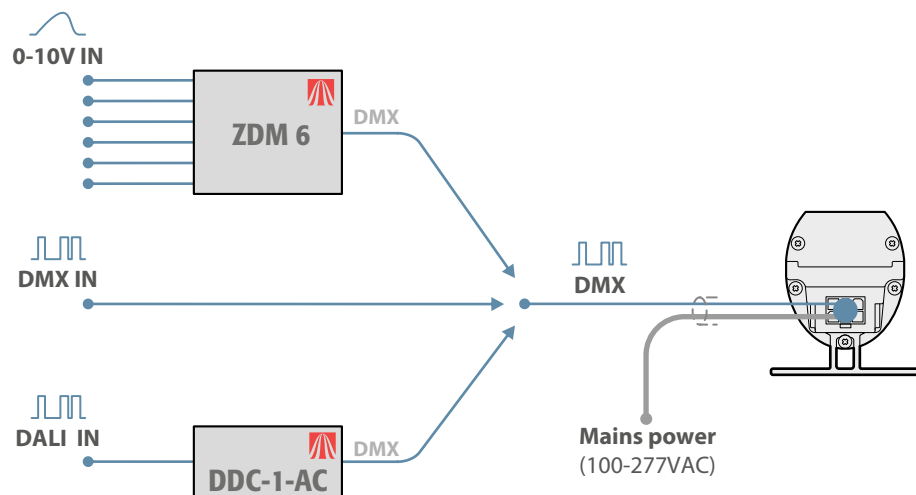
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Alternative control inputs

Adapt Linear DMX fixtures use DMX as their native control method, however, it is possible to use other common control protocols when required, such as 0-10V (source or sink) or DALI.

Control inputs via converters

- DMX - connect a DMX input directly to the feed cable.
- 0-10V - use an Acclaim Lighting ZDM 6 to convert one or more analog control feeds into a combined DMX feed.
- DALI - use an Acclaim Lighting DDC-1-AC to convert one or more DALI channels into a combined DMX feed.



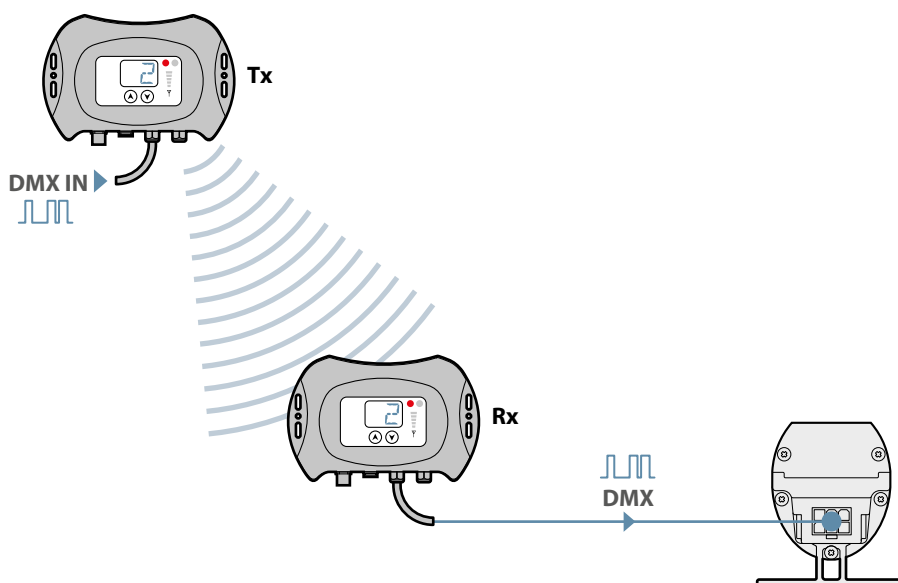
When using Acclaim Lighting ZDM 6 or DDC-1-AC modules it is possible to convert multiple inputs into separate DMX channels within a consolidated feed - thus allowing multiple Adapt Linear DMX fixtures to be uniquely addressed. The ZDM 6 can convert up to six 0-10V inputs into DMX channels, whereas the DDC-1-AC can convert a maximum of 64 DALI channels (although large numbers of channels are not recommended due to the timing limitations of the DALI standard).

IMPORTANT: Termination

Ensure that the final fixture in a run has a terminator end cap correctly fitted to its output connection. This will terminate the control signal and also ensure that the power connection is fully sealed.

Wireless DMX control

Using optional Aria wireless DMX units it is possible to transmit and receive a DMX signal over distances up to 2600 feet (792m), which can greatly simplify the deployment of multiple fixtures in spaces that contain no control wiring infrastructure:



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

