

PROJECT

FIRM

ORDER #

TYPE

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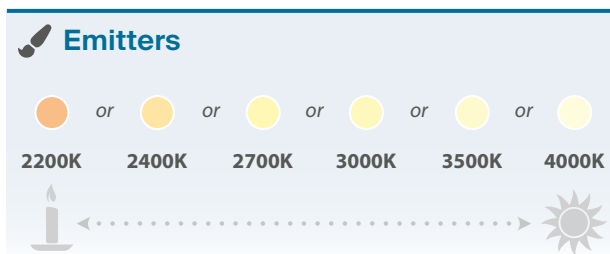
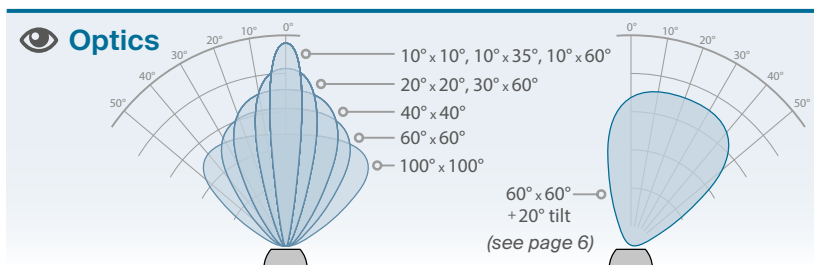


Ease of installation and outstanding flexibility are two stand-out features of **Adapt Linear™**. These smart indoor fixtures are quick to ship, quick to fit and able to change - in a word: Adaptable. The built-in link cables can retract to allow fixtures to either be directly abutted or set at angles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

Numerous high-CRI color temperatures of white are available together with a wide range of optics. Every model also features PowerSwitch Technology™, which provides onboard switchable power outputs at 5W or 10W per linear foot: Brighter, shorter runs - *Check*. Less bright, longer runs - *Check*. Control is via 0-10V (sink or source) and all standard mains supply voltages are supported.



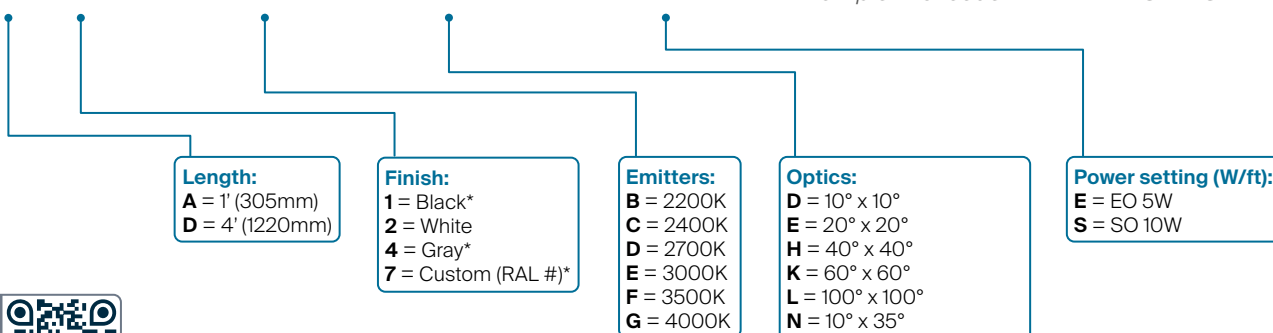
At a glance



Power 100 to 277VAC 50/60Hz	Temperature -4° F to 113° F -20° C to 45° C	Protection Ingress: IP20 Impact: IK10	Output Up to 854 lumens per linear foot	Core technologies PowerSwitch technology AcclaimModular systems
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Configure your product

ADL **-ADC** **-AOP** **-ADW** Example final code: **ADLD2-ADCE-AOPK-ADWS**



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Specifications

Emitters	2200K, 2400K, 2700K, 3000K, 3500K or 4000K
Optics	10° x 10°, 20° x 20°, 40° x 40°, 60° x 60°, 100° x 100°, 10° x 35°, 10° x 60°, 30° x 60° or Asymmetric wall wash (60° x 60°, 20° tilt - see page 6)
Output	SO (10W per ft): up to 854 l/ft (4000K), EO (5W per ft): up to 480 l/ft (4000K)
Lumen maintenance	L ₇₀ 150,000 hours (@ 25° C)
Control	1-100% dimming via 0-10V (sink or source). Maximum 300' 0-10V cable run (18AWG) <i>Fixture will default to 100% (on/off) output if the control input is absent (see page 3).</i>
Maximum fixtures in series	SO (10W per ft): 50' (15.2m), EO (5W per ft): 100' (30.4m) (see page 3)
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
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	IP20, 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	L x W x H: 12 or 48" x 1.97" x 2.17" (305 or 1220 x 50 x 55mm) - see page 7



Photometrics

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

Color or color temperature	Lumens (per ft)	Max Candela	Efficacy (lm/W)	CRI (Ra)	TM30
2700K 10°, EO (5W per ft)	439	6,989	82	83.7	86.9
2700K 10°, SO (10W per ft)	764	12,168	80	83	86.4
3000K 10°, EO (5W per ft)	442	7,082	83	85.4	86.4
3000K 10°, SO (10W per ft)	775	12,581	82	84.8	85.9
3500K 10°, EO (5W per ft)	379	6,741	71	91.3	92.3
3500K 10°, SO (10W per ft)	720	11,587	75	91.5	92.4
4000K 10°, EO (5W per ft)	480	7,268	90	87.3	87.6
4000K 10°, SO (10W per ft)	854	13,038	91	86.7	85.9

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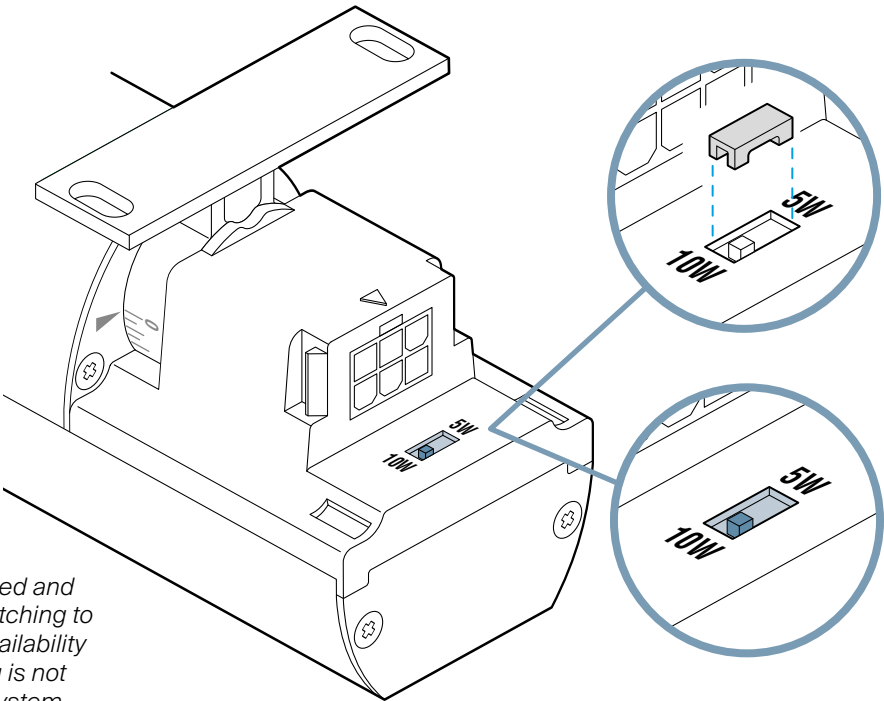
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Factory set power levels/maximum lengths

Adapt Linear fixtures feature PowerSwitch Technology™ which helps to match the maximum power draw (and subsequent overall light output) to any given installation. By choosing lower power levels, twice the maximum length of fixtures can be connected in a single series chain. The power level is set during assembly using the concealed switch at one end of the fixture. The pre-set power level should not be changed in normal circumstances.

	Switchable power level	Maximum length in series
Adapt Linear 1'	5W	100' (30.4m)
	10W	50' (15.2m)
Adapt Linear 4'	20W	100' (30.4m)
	40W	50' (15.2m)

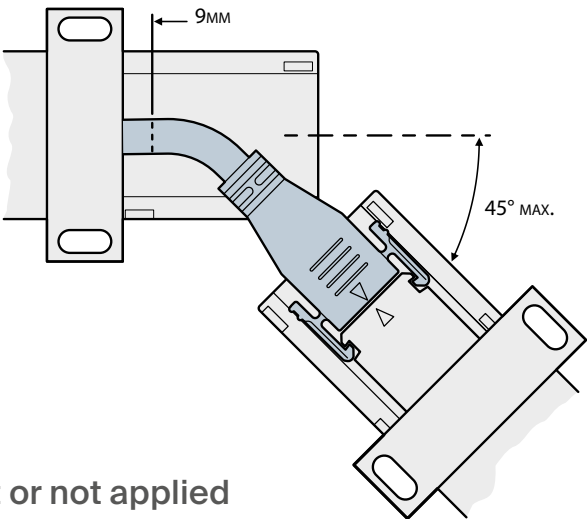


IMPORTANT: Once the lower level has been selected and multiple fixtures are connected in series, avoid switching to higher output levels that may exceed the power availability and/or maximum length in series. Acclaim Lighting is not responsible for damage to an electrical circuit or system caused by misappropriation of the output level switch beyond what has been set at the factory.

PowerSwitch technology

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.



Behavior if the control signal is lost or not applied

When the control signal is lost (or not used), each fixture will go to full output until the control signal is restored. If 100% output is required at all times during normal operation, this feature allows the fixtures to be fed with power only, without need for a control input.



PROJECT

FIRM

ORDER #

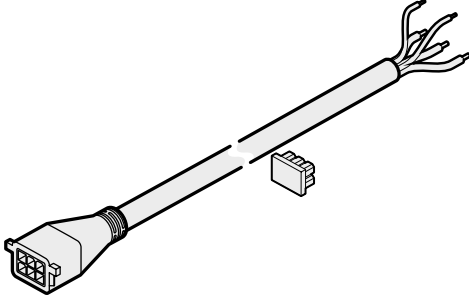
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Related components

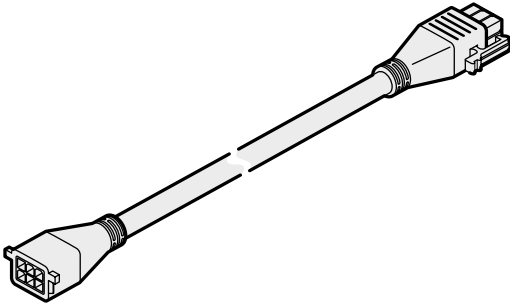
Cables

Feed cables (includes end cap)



10' (3m) **ADLFC10**
50' (15m) **ADLFC50**

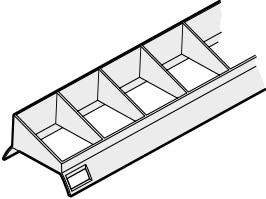
Link cables



6" (15cm) **ADLLC0**
1' (30cm) **ADLLC1**
5' (1.5m) **ADLLC5**
10' (3m) **ADLLC10**

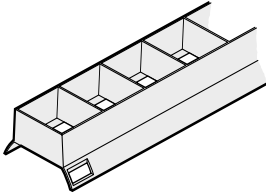
Beam accessories

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



PROJECT

FIRM

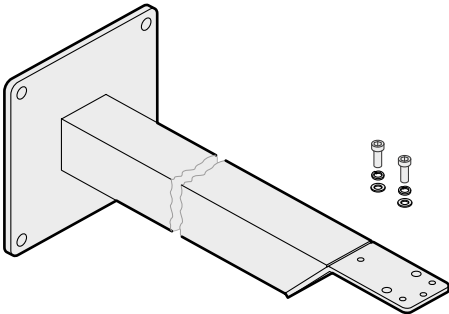
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TYPE

QTY

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



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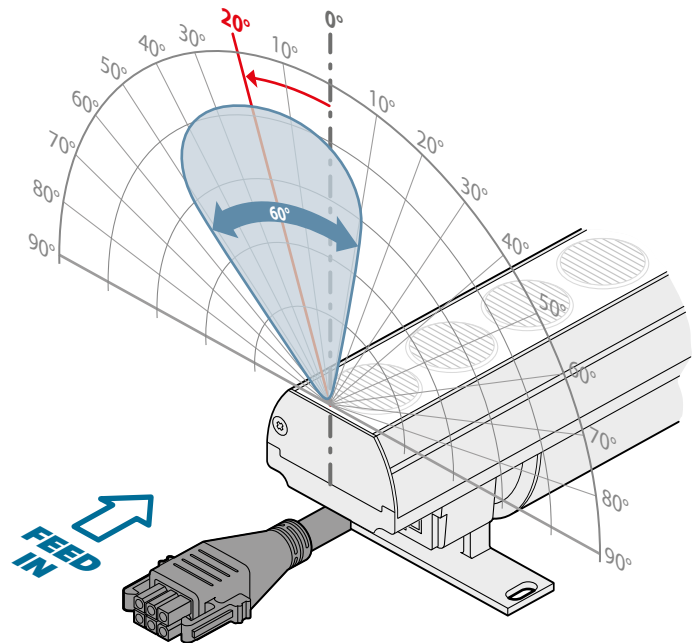
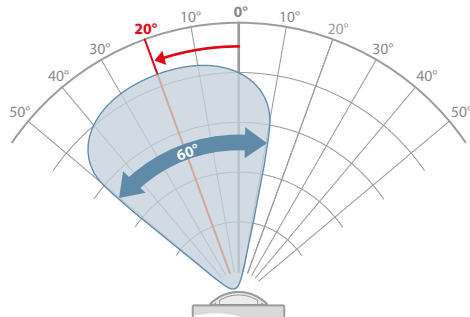
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QTY

Asymmetric wall wash lens option

A special lens option is available to provide a 20 degree side-bias to the direction of the emitted output. The asymmetric lens produces a 60 x 60 degree main beam angle, which is then biased to the left of the fixture, in relation to the feed in connection.

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



PROJECT

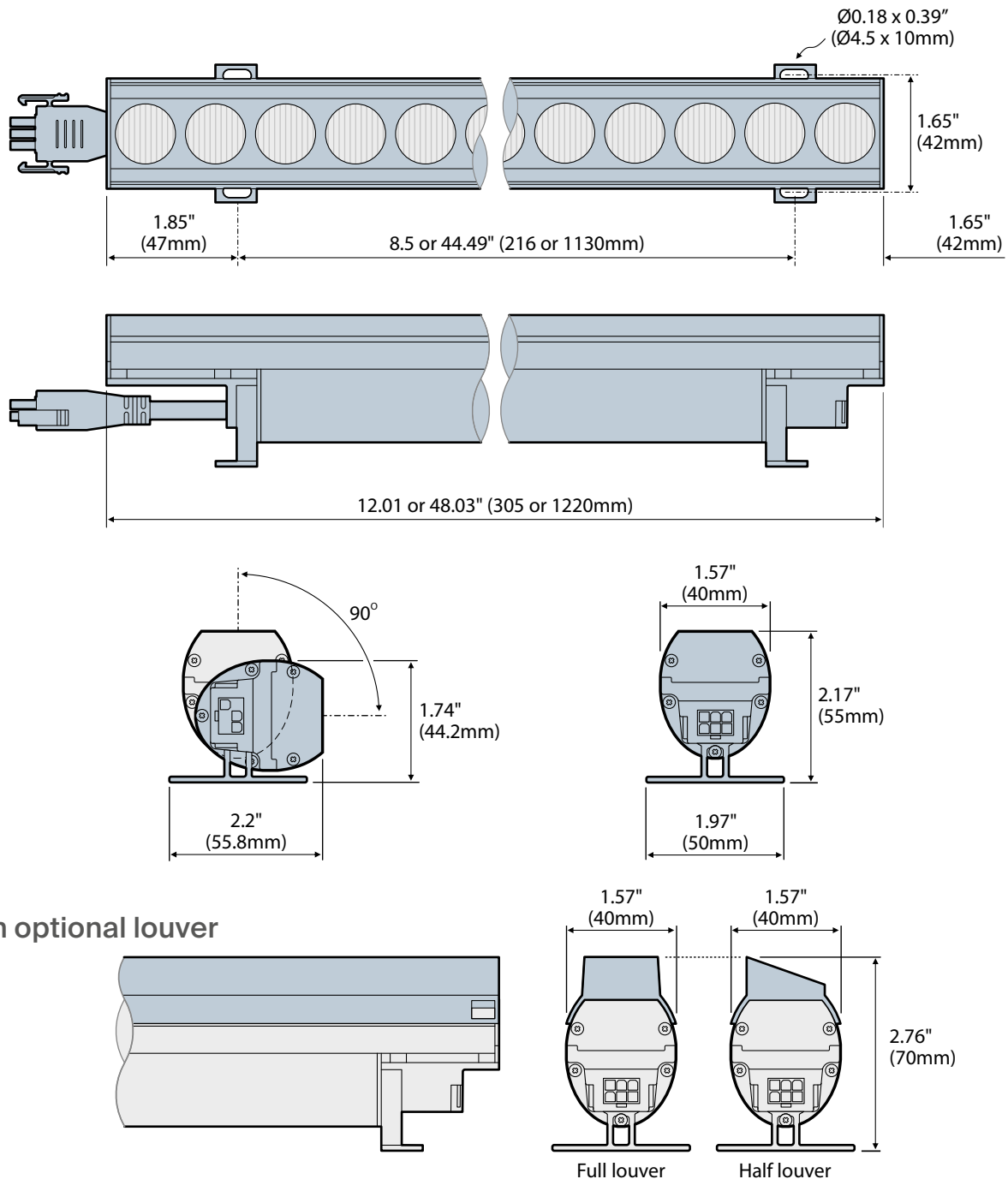
FIRM

ORDER #

TYPE

QTY

Dimensions



PROJECT

FIRM

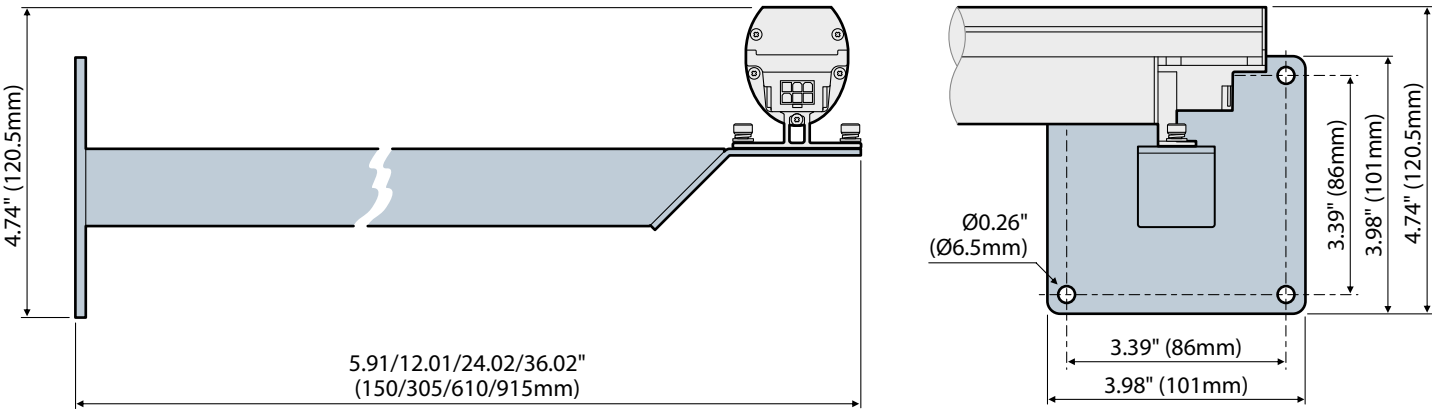
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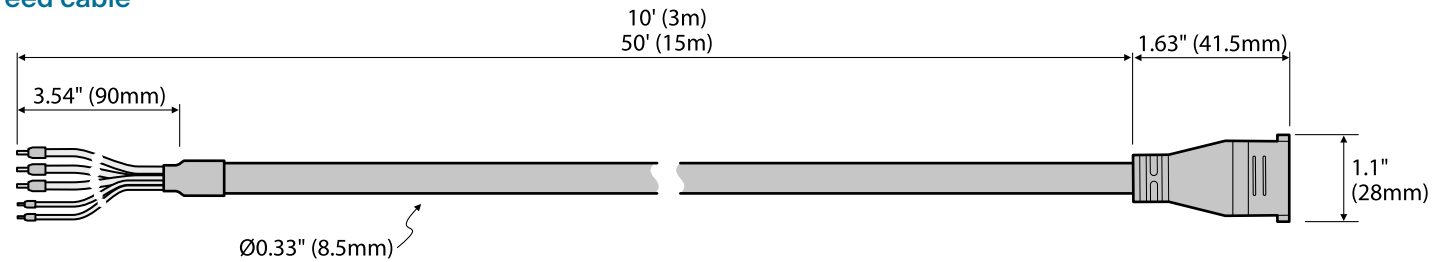
Dimensions

Optional extender bars

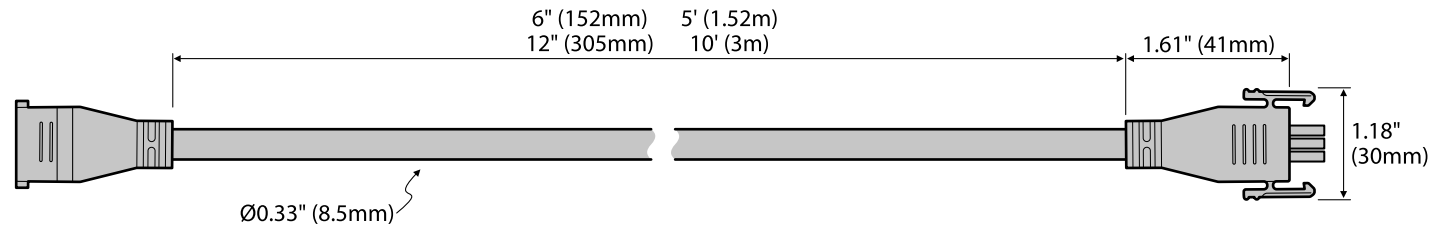


Cables

Feed cable



Link cable



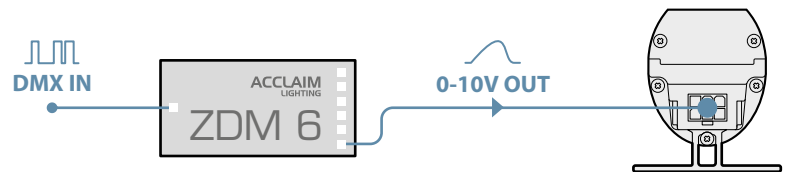
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Optional control arrangements

DMX operation

(via ZDM 6)

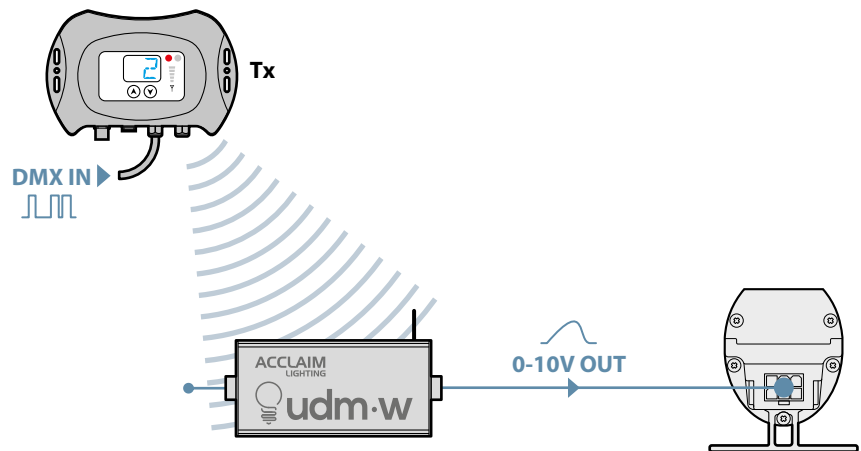
Adapt Linear fixtures operate using a 0-10V (sink or source) control signal input. Where DMX control is required, the optional Acclaim Lighting ZDM 6 device is available to perform the necessary signal conversion:



Wireless DMX operation

(via Aria and UDM•W)

In addition to performing DMX to 0-10V signal conversions, the optional UDM•W also adds Aria™ wireless linking over distances up to 2600 feet (792m) line of sight (when coupled with an Aria transmitter [Tx]):



Wireless 0-10V operation

(via ZDM 6, Aria and UDM•W)

Using a combination of Acclaim Lighting ZDM 6, Aria and UDM•W units it is possible to transmit a 0-10V input wirelessly over distances up to 2600 feet (792m) line of sight to the Adapt Linear installation:

