

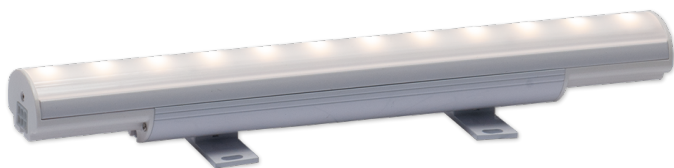
PROJECT

FIRM

ORDER #

TYPE

QTY



Adapt Cove™ fixtures are the ideal choice when you're in a tight spot; they are low profile, high output, and feature adaptive color. Despite their compact size, Adapt Cove fixtures deliver bright, even illumination to any indoor surface.

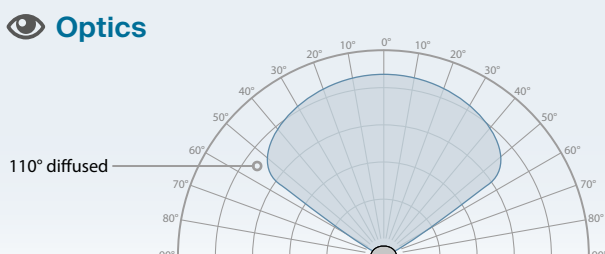
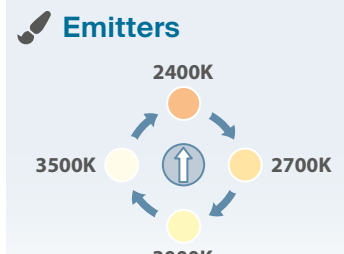
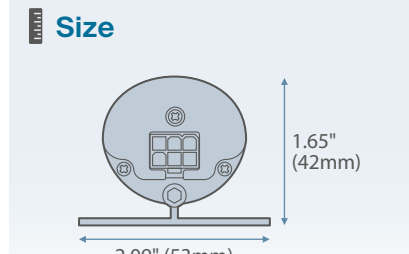
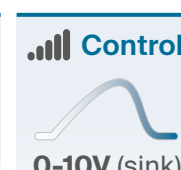
Thanks to our ColorSwitch technology every Adapt Cove fixture allows you to change its color temperature (from 2400K through to 3500K) to suit your installation.

Smooth single-channel dimming is delivered under 0-10V control. Different variants are available to support the various global mains supplies, either 120VAC, 240VAC or 277VAC. Adapt Cove fixtures are fulfilled through our **Acclaim**

Modular system in Los Angeles to ensure industry-leading delivery times.



At a glance

Optics 	Emitters 	Size 
Power 120VAC 240VAC or 277VAC	Temperature -4° F to 113° F -20° C to 45° C	Protection Ingress: IP20 Impact: IK06
Output Up to 453 lumens per linear foot	Control  0-10V (sink)	Core technologies ColorSwitch technology AcclaimModular systems

Configure your product

APC

-APC

Example final code: **APC4U-APCD**



* We will preset your preferred CCT color prior to shipment. If necessary, the setting can also be changed at any time in the field (see page 7).

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Specifications

Emitters	CCT selectable via on-board switch: 2400K, 2700K, 3000K, 3500K - see page 7
Optics	110°
Output	Up to 453 lm/ft
Lumen maintenance	L ₇₀ 150,000 hours (@ 25° C)
Control	1-100% dimming via 0-10V (sink). Maximum 600' 0-10V cable run (18AWG) <i>Fixture will default to 100% (on/off) output if the control input is absent (see note below).</i>
Maximum fixtures in series	80' (24m)
Housing lengths	1' (305mm) or 4' (1220mm)
Operating voltage	120VAC, 240VAC or 277VAC - 50/60Hz
Power consumption	1' : 5W, 4' : 20W
Connection	Built-in end-to-end multi-pin connectors for seamless interconnection - see page 7
Mounting	Low profile 30° swivel mount brackets fitted, optional 90° swivel brackets available
Material	Aluminum body with polycarbonate lens
Finish	White
Ambient temperature range	-4° F to 113° F (-20° C to 45° C)
Ingress protection	IP20, dry location
Impact protection	IK06, protection against 1 joule impact (40cm distance)
Warranty	5 years, limited
Weight	1' : 0.4 lbs (0.18kg) 4' : 1.6 lbs (0.73kg)
Dimensions	LxWxH : 12 or 48" x 1.57" x 1.65" (305 or 1220 x 40 x 42mm) - see page 5
Certifications	  

Photometrics

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

Color temperature	Lumens (/ft)	Max Candela	Efficacy (lm/W)	CRI (Ra)	TM30
2400K 1ft	381	132	79	91.6	88.8
2700K 1ft	402	138	83	92.3	88.4
3000K 1ft	435	149	90	92.7	88.0
3500K 1ft	453	153	94	92.6	86.7

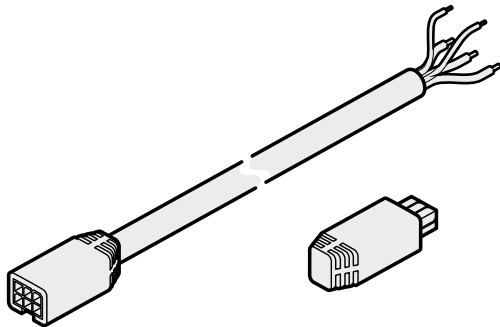
Behavior if the control signal is lost or not applied

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.

Related components

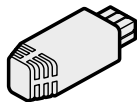
Cables

Feed cables (includes end cap)



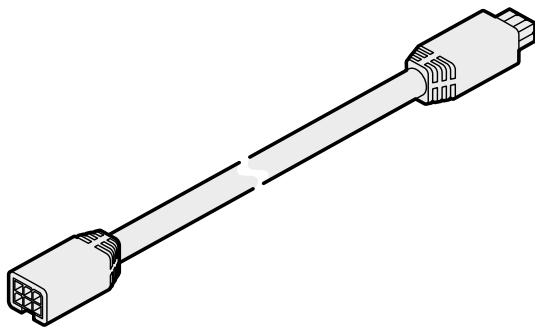
10' (3m)
50' (15m)
APCFC10
APCFC50

End cap



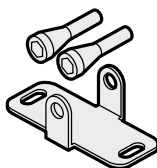
End cap
APCEC

Link cables



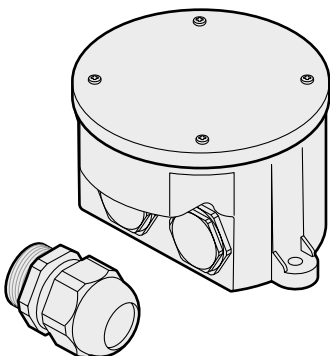
1' (30cm)
5' (1.5m)
10' (3m)
APCLC1
APCLC5
APCLC10

90° mounting brackets



Per pair
AIC90

IP66 junction box (plus outlet cable gland)



Part #
AJBOX1

IP66 NEC compliant high+low voltage junction box
1/2" conduit inputs for AC + 0-10V, 3/4" conduit for APCFC##
Built-in AC surge protection up to 10kV & 10kA



PROJECT

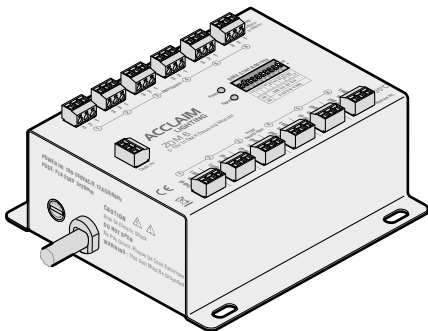
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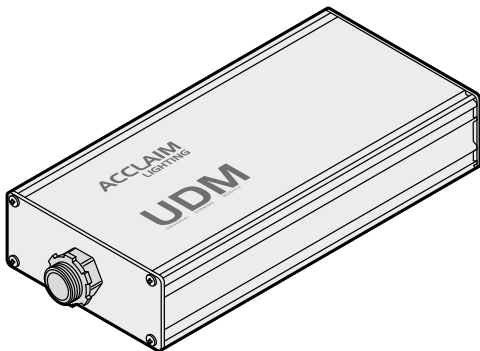
TYPE

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DMX to 0-10V signal converters

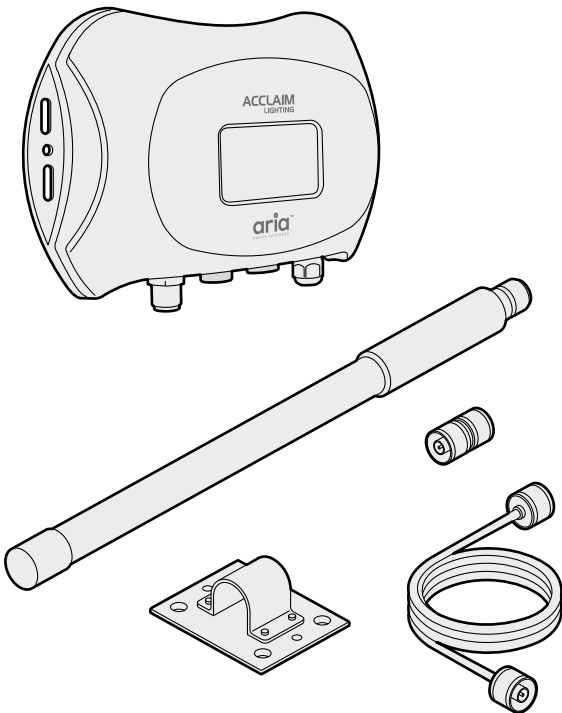


Multi-channel converter **ZDM6**



Single-channel converter **UDM**
Single-channel converter with wireless **UDM-W**

Wireless DMX transceiver



Wireless transceiver with antenna, cable, adapter and antenna bracket **ARIA WDS**

See "Optional control arrangements" on page 8

PROJECT

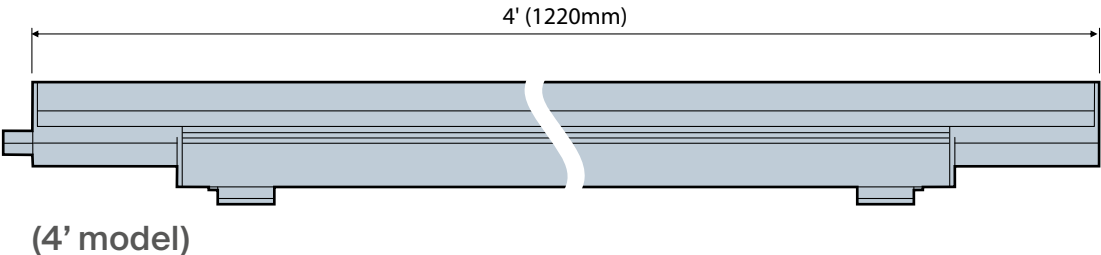
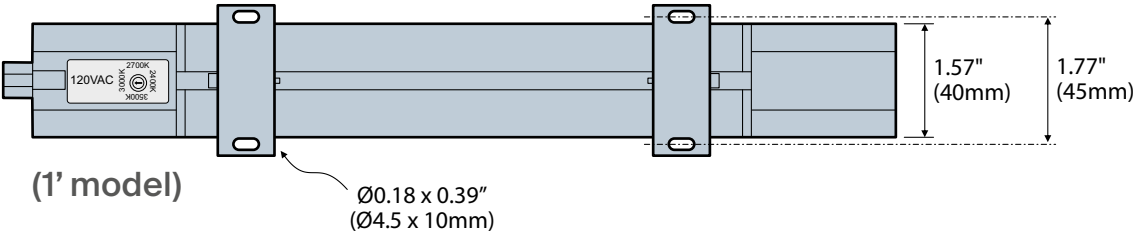
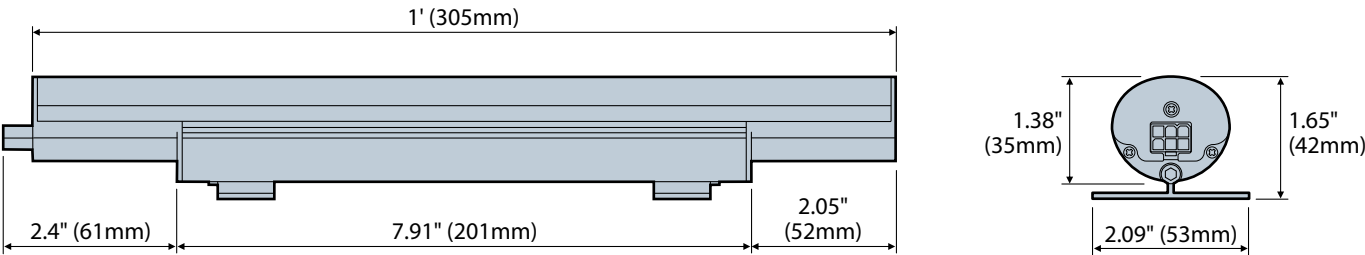
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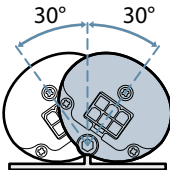
TYPE

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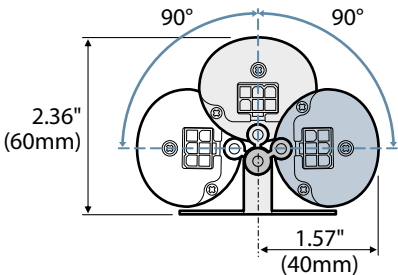
Dimensions



Standard brackets



Optional 90° brackets



PROJECT

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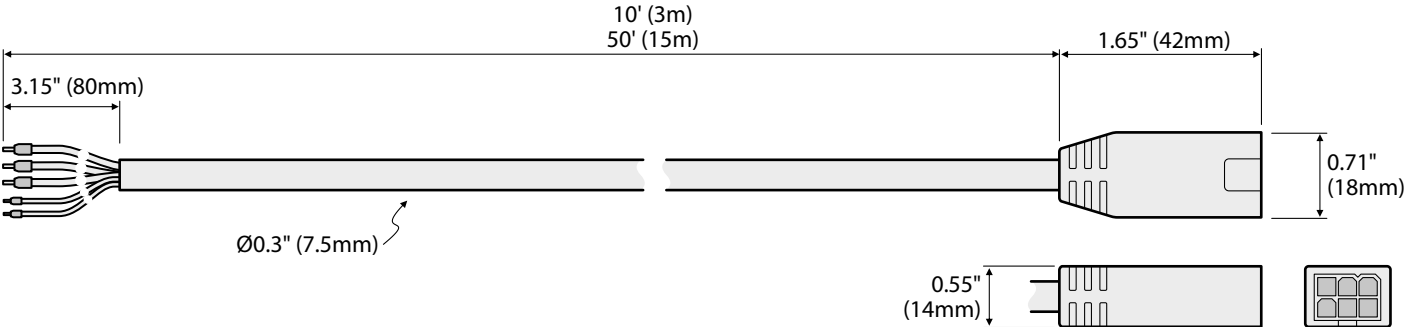
TYPE

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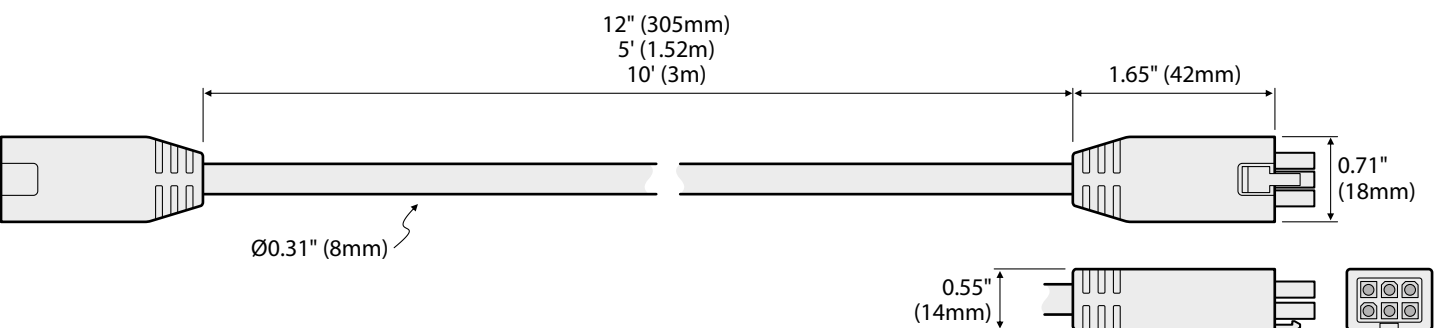
Dimensions

Cables

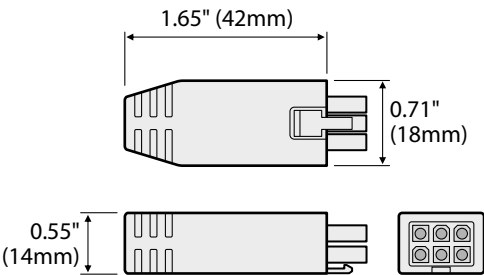
Feed cable



Link cable



End cap



PROJECT

FIRM

ORDER #

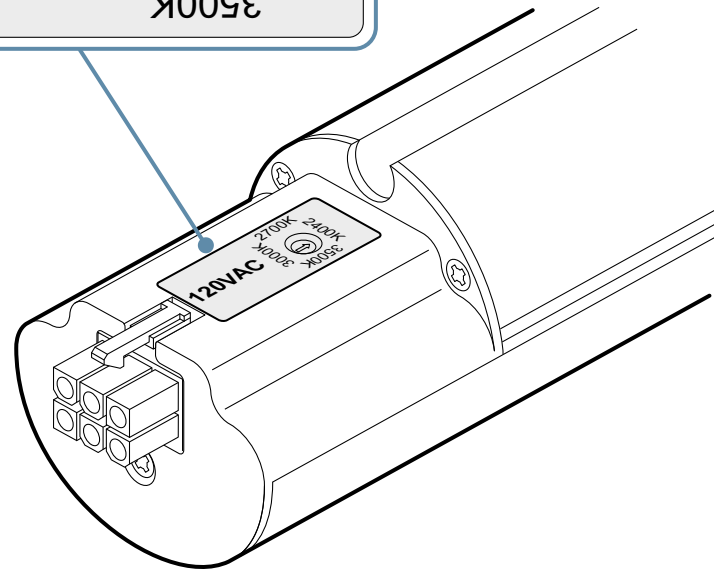
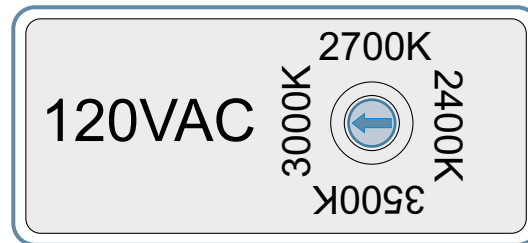
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Color temperature selection

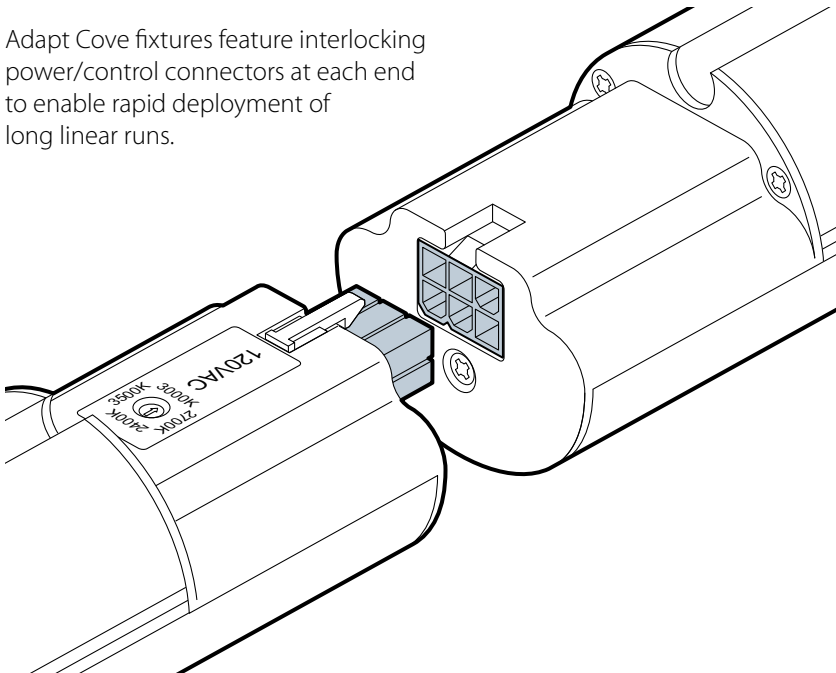
Adapt Cove fixtures contain LED emitters with four different color temperatures, from 2400K to 3500K. The required color temperature is selected using the small rotary switch at the feed-in end of each fixture and its setting can be changed regardless of whether the fixture is powered on and dimmed up or down. Adjusting the color temperature in the field by a licensed electrician is acceptable and will not void the warranty.

ColorSwitch technology

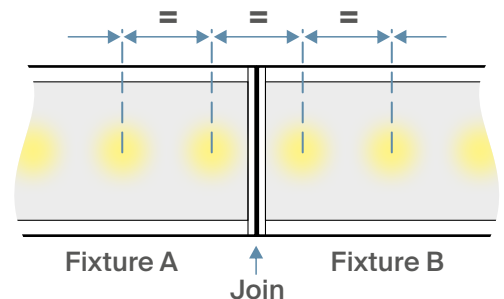


Seamless interconnections

Adapt Cove fixtures feature interlocking power/control connectors at each end to enable rapid deployment of long linear runs.



Precise internal component spacing means the distance between all emitters remains equal, even across joins. This ensures consistent light distribution across whole linear runs.



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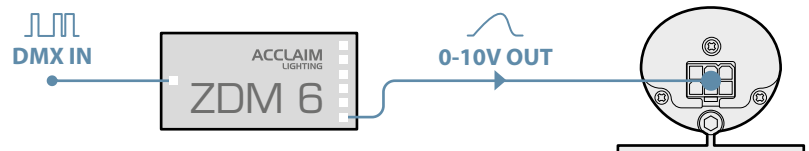
QTY

Optional control arrangements

DMX operation

(via ZDM 6)

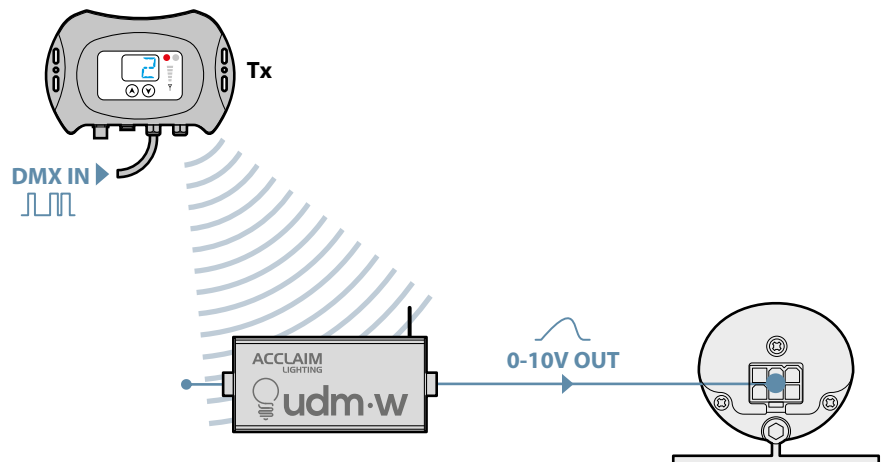
Adapt Cove fixtures operate using a 0-10V (sink) control signal input. Where DMX control is required, the optional Acclaim Lighting ZDM 6 device is available to perform the necessary signal conversion:



Wireless DMX operation

(via Aria and UDM•W)

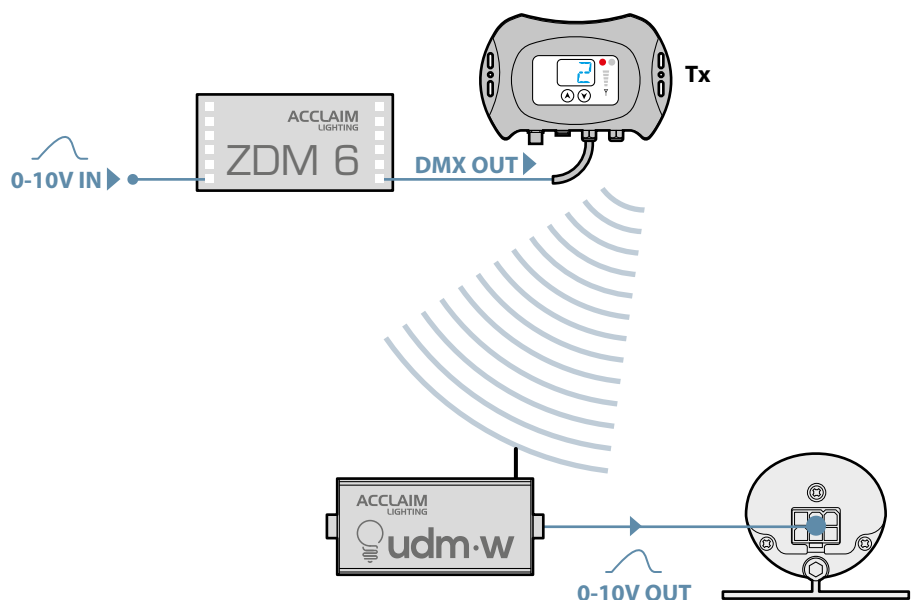
In addition to performing DMX to 0-10V signal conversions, the optional UDM•W also adds Aria™ wireless linking over distances up to 2600 feet (792m) line of sight (when coupled with an Aria transmitter [Tx]):



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 Cove installation:



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

