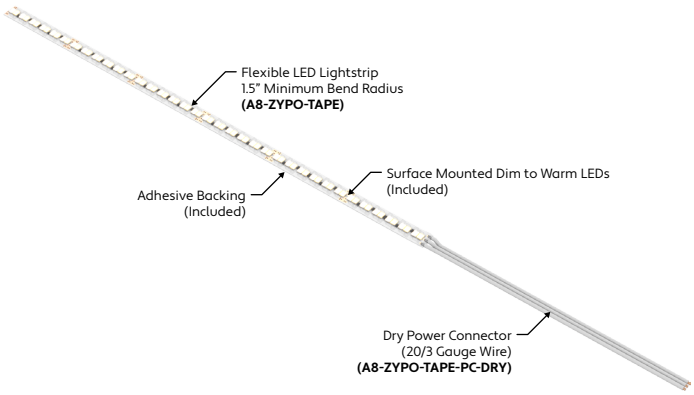
A8 Series | LED Tape

ZYPO LED Tape - Dim to Warm

(A8-ZYPO-TAPE)

TYPE

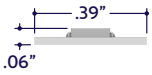


DIM TO WARM | DRY DAMP | CLOSET RATED | ETL LISTED | RoHS COMPLIANT | TITLE 24 JA8

GENERAL FEATURES

Applications	Accent, Decorative, Surface, Recessed, Pendant Lighting
Viewing Angle	120°
Length	Built to Order (+/- 1/8" Tolerance)
Construction	Flexible LED Tape
Assembly Increment	2"
Field Cutting	Dry Location Field Cuttable
Weight	0.016 lbs per foot
Mounting	Mounting Channel or Mounting Clips (Sold Separately)
Listing	Dry or Damp Location UL2108, 67.1.9, 60.4, CSA C22.2 #9 UL8750, CSA250
Driver	Remote (Sold Separately)
Closet Rating	Up to 3.6 Watts per Foot Maximum
Temperature Ratings	Operating / Startup: -20° to 48°C (-4° to 120°F) Storage: -40° to 76°C (-40° to 170°F)
Installation Link	**Link to Installation Instructions** >

END VIEWS / DIMENSIONS



LAMP FEATURES

Lamp Type	Dim to Warm LEDs
CRI	> 90
Efficacy	103 Lumens per Watt

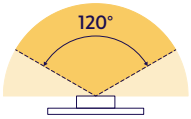
LAMP SPECIFICATIONS

Lamp Number	Correlated Color Temperature (CCT)	Dimming Percentage	L70 LED Life
DWM	2000 Kelvin	2%	60,000 hrs.
	2400 Kelvin	70%	
	2700 Kelvin	85%	
	3000 Kelvin	100%	

ELECTRICAL

Dimming	0-10V, Casambi Ready
Maximum Run (Class 2 Applications)	14' **(6.5W)**, 17' **(5.5W)**, 21' **(4.5W)**, 26' **(3.6W)**, 36'**(1.5W, 2.5W)**
Luminaire Voltage	24VDC

BEAM ANGLE



120° x 120° Beam

SPECIFY PRODUCT CODE | CHOOSE FROM DROP DOWNS

Series	Watts per Foot	Dimming	LED	Listing	Luminaire Length
A8-ZYPO-TAPE			**DWM**		
ZYPO Tape **(A8-ZYPO-TAPE)**	1.5 Watts **(1.5W)**	0-10V: 100% - 1% **(10V)**	Dim to Warm: 3000K - 2000K **(DWM)**	Indoor **(DAMP)**	Specify Length in Feet & Inches **Example:** 7'8"
	2.5 Watts **(2.5W)**			Indoor **(DRY)**	
	3.6 Watts **(3.6W)**	Casambi Ready **(CAS)**			
	4.5 Watts **(4.5W)**				
	5.5 Watts **(5.5W)**				
	6.5 Watts **(6.5W)**				

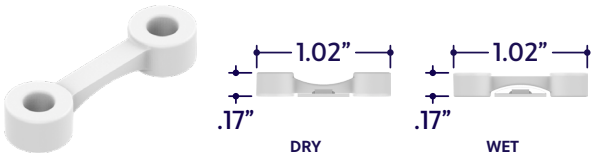
620 South Richfield Rd, Placentia, CA 92870

aluz.lighting | info@aluz.lighting | 866.ALUZ.LTG | 714.535.7900

DRIVERS

Dimming Selection	Product Code	Link to Specification Sheet / URL
0-10V: 100% - 1%	**(10V)**	https://aluz.lighting/assets/PDFs/DRV/DRV30-E-DWM-UNV-24VDC-10V-DRY.pdf
		https://aluz.lighting/assets/PDFs/DRV/DRV40-E-DWM-UNV-24VDC-10V-DRY.pdf
		https://aluz.lighting/assets/PDFs/DRV/DRV60-E-DWM-UNV-24VDC-10V-DRY.pdf
		https://aluz.lighting/assets/PDFs/DRV/DRV96-E-DWM-UNV-24VDC-10V-DRY.pdf
Casambi Ready	**(CAS)**	https://aluz.lighting/assets/PDFs/DRV/DRV30-E-DWM-UNV-24VDC-CAS-DRY.pdf
		https://aluz.lighting/assets/PDFs/DRV/DRV40-E-DWM-UNV-24VDC-CAS-DRY.pdf
		https://aluz.lighting/assets/PDFs/DRV/DRV60-E-DWM-UNV-24VDC-CAS-DRY.pdf
		https://aluz.lighting/assets/PDFs/DRV/DRV96-E-DWM-UNV-24VDC-CAS-DRY.pdf

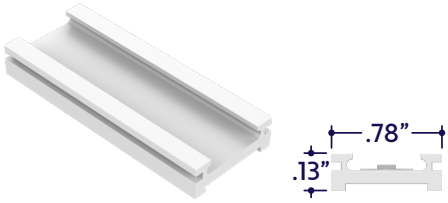
MOUNTING OPTIONS (Sold Separately)



Mounting Clip (for Dry or Wet Locations)
(A8-ZYPO-TAPE-MCS)

Part #	Qty.
A8-ZYPO-TAPE-MCS	

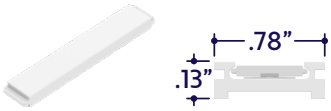
Note: Use 1 mounting clip per 6", rounded up.
Click on image to see cut sheet for additional details.



8' Mounting Channel (for Dry or Wet Locations)
(A8-ZYPO-TAPE-UC-8')

Part #	Qty.
A8-ZYPO-TAPE-UC-8'	

Note: Order Mounting Channel as needed in 8', field cuttable lengths.
Click on image to see cut sheet for additional details.



Channel Clip (for Dry or Wet Locations)
(A8-ZYPO-TAPE-UC-CP)

Part #	Qty.
A8-ZYPO-TAPE-UC-CP	

Note: Use 1 channel clip per 6", rounded up.
Click on image to see cut sheet for additional details.

DRY CONNECTORS (Sold Separately)

Note: Connectors are factory assembled to each run length. Connectors are subject to change without notice.

Dry Power Connector
(20/3 Gauge Wire)
(A8-ZYPO-TAPE-PC-DRY-X)
X = Specify Length, 36" Default, 25' Maximum

Part #	Length	Qty.
A8-ZYPO-TAPE-PC-DRY-	36"	
A8-ZYPO-TAPE-PC-DRY-		

Note: Specify 1 Power Connector for each lead required. Power Connectors are factory assembled to each length.

Dry Power Connector with Black Jacket
(20/3 Gauge Wire)
(A8-ZYPO-TAPE-PC-DRY-BK-X)
X = Specify Length, 36" Default, 25' Maximum

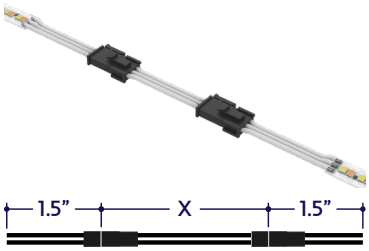
Part #	Length	Qty.
A8-ZYPO-TAPE-PC-DRY-BK-	36"	
A8-ZYPO-TAPE-PC-DRY-BK-		

Note: Specify 1 Power Connector for each lead required. Power Connectors are factory assembled to each length.

Dry Power Connector with White Jacket
(20/3 Gauge Wire)
(A8-ZYPO-TAPE-PC-DRY-WH-X)
X = Specify Length, 36" Default, 25' Maximum

Part #	Length	Qty.
A8-ZYPO-TAPE-PC-DRY-WH-	36"	
A8-ZYPO-TAPE-PC-DRY-WH-		

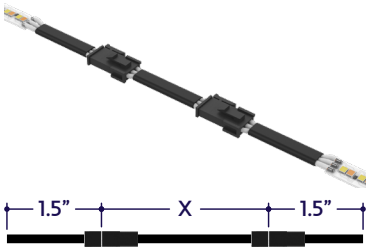
Note: Specify 1 Power Connector for each lead required. Power Connectors are factory assembled to each length.



Dry Continuous Connector
(20/3 Gauge Wire)
(A8-ZYPO-TAPE-CC-DRY-X)
X = Specify Length, 3" Default

Part #	Length	Qty.
A8-ZYPO-TAPE-CC-DRY-	3"	
A8-ZYPO-TAPE-CC-DRY-		

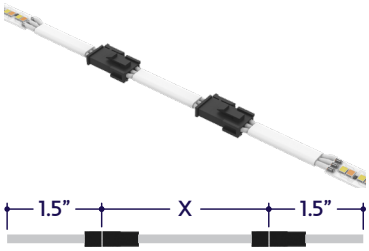
Note: Specify Continuous Connectors to traverse a gap or obstacle. Continuous Connectors are factory assembled to specified lengths.



Dry Continuous Connector with Black Jacket
(20/3 Gauge Wire)
(A8-ZYPO-TAPE-CC-DRY-BK-X)
X = Specify Length, 3" Default

Part #	Length	Qty.
A8-ZYPO-TAPE-CC-DRY-BK-	3"	
A8-ZYPO-TAPE-CC-DRY-BK-		

Note: Specify Continuous Connectors to traverse a gap or obstacle. Continuous Connectors are factory assembled to specified lengths.

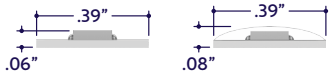


Dry Continuous Connector with White Jacket
(20/3 Gauge Wire)
(A8-ZYPO-TAPE-CC-DRY-WH-X)
X = Specify Length, 3" Default

Part #	Length	Qty.
A8-ZYPO-TAPE-CC-DRY-WH-	3"	
A8-ZYPO-TAPE-CC-DRY-WH-		

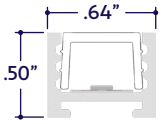
Note: Specify Continuous Connectors to traverse a gap or obstacle. Continuous Connectors are factory assembled to specified lengths.

SURFACE MOUNT CHANNELS



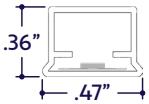
ZYPO Tape
(A8-ZYPO-TAPE)

Material	Flexible Tape
Lens	Clear



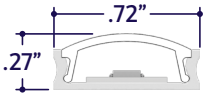
ZYPO Standard
(A8-ZYPO-STN)

Material	Aluminum
Lens	Clear 50% Semi-Frosted 100% Frosted



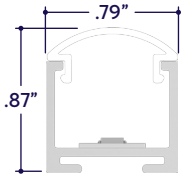
ZYPO Standard Tube
(A8-ZYPO-STB)

Material	Polycarbonate
Lens	Clear 50% Semi-Frosted 100% Frosted



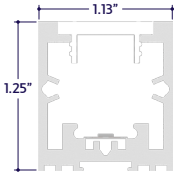
ZYPO Standard Flex
(A8-ZYPO-SFX)

Material	Flexible Aluminum
Lens	Clear 50% Semi-Frosted 100% Frosted



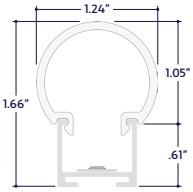
ZYPO Standard Optic
(A8-ZYPO-SOP)

Material	Aluminum
Lens	Clear 50% Semi-Frosted 100% Frosted 15°, 30°, 45°, 60° Optics Asymmetric Optics



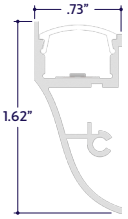
ZYPO Surface Square
(A8-ZYPO-SSQ)

Material	Aluminum
Lens	Clear 50% Semi-Frosted 100% Frosted 15°, 30°, 45°, 60° Optics Asymmetric Optics



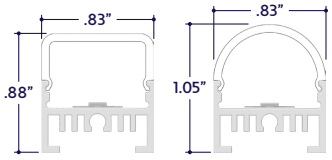
ZYPO Surface Round
(A8-ZYPO-SSR)

Material	Aluminum
Lens	100% Frosted



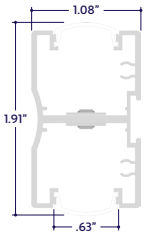
ZYPO Side Wall
(A8-ZYPO-SWL)

Material	Aluminum
Lens	Clear 50% Semi-Frosted 100% Frosted



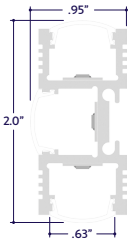
ZYPO Standard Square
(A8-ZYPO-STQ)

Material	Aluminum
Lens	Clear 50% Semi-Frosted 100% Frosted



ZYPO Side Wall Duo
(A8-ZYPO-SWD)

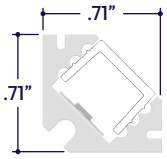
Material	Aluminum
Lens	Clear 50% Semi-Frosted 100% Frosted



ZYPO Side Wall Trio
(A8-ZYPO-SWT)

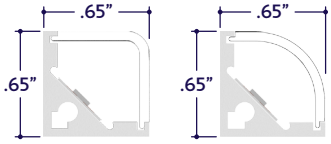
Material	Aluminum
Lens	Clear 50% Semi-Frosted 100% Frosted

CORNER MOUNT CHANNELS



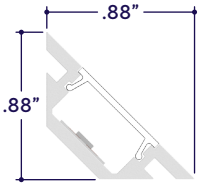
ZYPO Corner
(A8-ZYPO-CRN)

Material	Aluminum
Lens	Clear 50% Semi-Frosted 100% Frosted



ZYPO Corner Square
(A8-ZYPO-CRQ)

Material	Aluminum
Lens	Clear 50% Semi-Frosted 100% Frosted



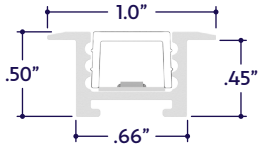
ZYPO Corner Wide
(A8-ZYPO-CRW)

Material	Aluminum
Lens	Clear 50% Semi-Frosted 100% Frosted

A8 Series | LED Tape
ZYPO LED Tape - Dim to Warm
(A8-ZYPO-TAPE)

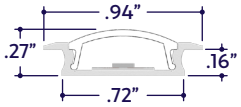
TYPE

RECESSED MOUNT CHANNELS



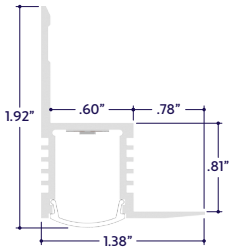
ZYPO Recessed
(A8-ZYPO-RCD)

Material	Aluminum
Lens	Clear 50% Semi-Frosted 100% Frosted



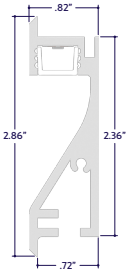
ZYPO Recessed Low Profile
(A8-ZYPO-RCL)

Material	Aluminum
Lens	Clear 50% Semi-Frosted 100% Frosted



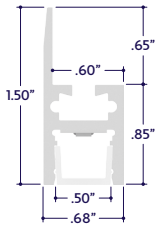
ZYPO Recessed Perimeter
(A8-ZYPO-RCP)

Material	Aluminum
Lens	Clear 50% Semi-Frosted 100% Frosted



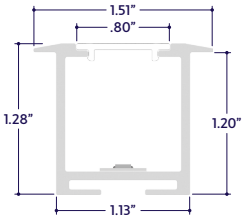
ZYPO Recessed Wall
(A8-ZYPO-RCW)

Material	Aluminum
Lens	Clear 50% Semi-Frosted 100% Frosted



ZYPO Recessed Perimeter Indirect Edge
(A8-ZYPO-RPI)

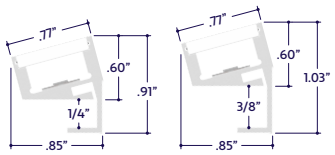
Material	Aluminum
Lens	Clear 50% Semi-Frosted 100% Frosted



ZYPO Recessed Optic
(A8-ZYPO-ROP)

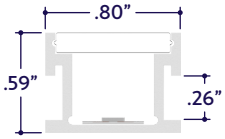
Material	Aluminum
Lens	Clear 50% Semi-Frosted 100% Frosted 15°, 30°, 45°, 60° Optics Asymmetric Optics

GLASS MOUNT CHANNELS



ZYPO Glass
(A8-ZYPO-GLS)

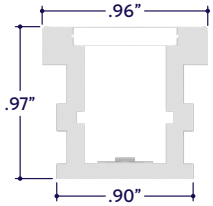
Material	Aluminum
Lens	Clear 50% Semi-Frosted 100% Frosted



ZYPO Glass Duo
(A8-ZYPO-GLD)

Material	Aluminum
Lens	Clear 50% Semi-Frosted 100% Frosted

INGRADE CHANNELS



ZYPO Ingrade
(A8-ZYPO-ING)

Material	Aluminum
Lens	Clear 50% Semi-Frosted 100% Frosted

620 South Richfield Rd, Placentia, CA 92870

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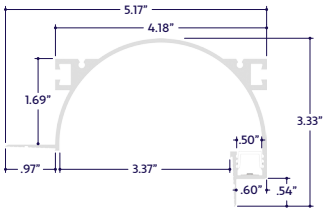
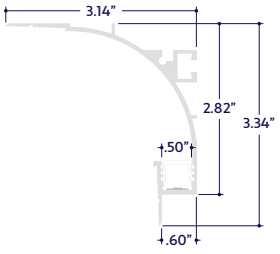
FLUSH / MUD-IN CHANNELS



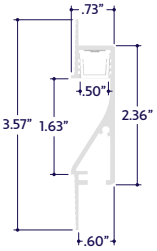
ZYPO Flush Arc
(A8-ZYPO-FAR)

Material	Aluminum
Lens	50% Semi-Frosted 100% Frosted



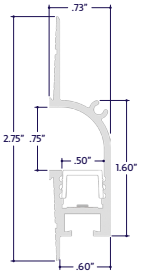
ZYPO Flush Arc Half
(A8-ZYPO-FAH)

Material	Aluminum
Lens	50% Semi-Frosted 100% Frosted



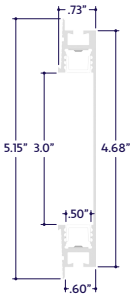
ZYPO Flush Wall
(A8-ZYPO-FWL)

Material	Aluminum
Lens	50% Semi-Frosted 100% Frosted



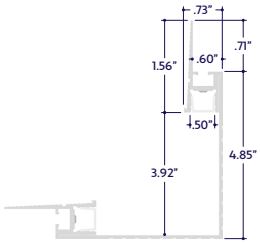
ZYPO Flush Wall Arc
(A8-ZYPO-FWA)

Material	Aluminum
Lens	50% Semi-Frosted 100% Frosted



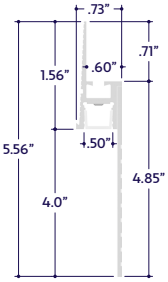
ZYPO Flush Wall Duo
(A8-ZYPO-FWD)

Material	Aluminum
Lens	50% Semi-Frosted 100% Frosted



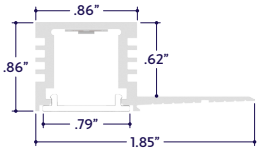
ZYPO Flush Wall Corner
(A8-ZYPO-FWC)

Material	Aluminum
Lens	50% Semi-Frosted 100% Frosted



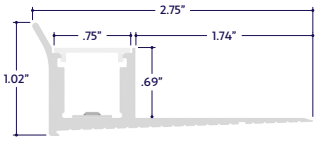
ZYPO Flush Perimeter Base
(A8-ZYPO-FPB)

Material	Aluminum
Lens	50% Semi-Frosted 100% Frosted



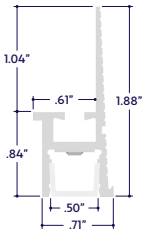
ZYPO Flush Perimeter Floor
(A8-ZYPO-FPF)

Material	Aluminum
Lens	50% Semi-Frosted 100% Frosted



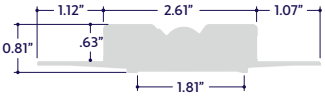
ZYPO Flush Perimeter Round
(A8-ZYPO-FPR)

Material	Aluminum
Lens	50% Semi-Frosted 100% Frosted



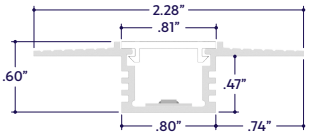
ZYPO Flush Perimeter Indirect Edge
(A8-ZYPO-FPI)

Material	Aluminum
Lens	50% Semi-Frosted 100% Frosted



ZYPO Flush Wall Washer
(A8-ZYPO-FWW)

Material	Aluminum
Lens	50% Semi-Frosted 100% Frosted



ZYPO Flush Direct
(A8-ZYPO-FLD)

Material	Aluminum
Lens	Clear 50% Semi-Frosted 100% Frosted

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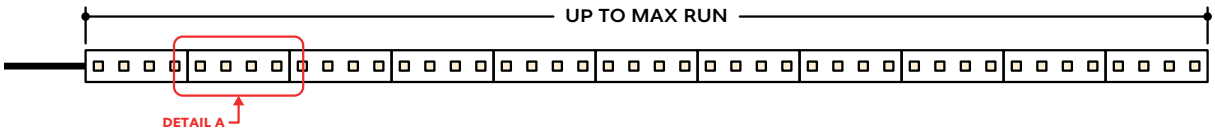
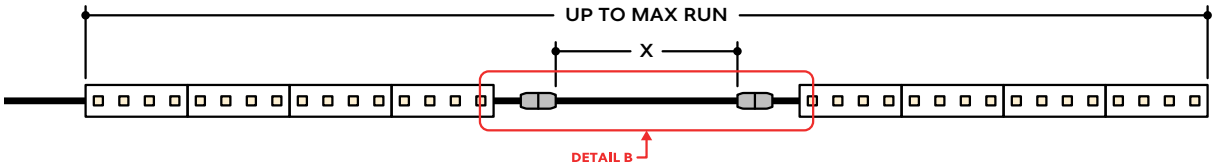
DESIGN GUIDELINES

Individual Run (Dry Location)



Run with Continuous Connector (Dry Location)

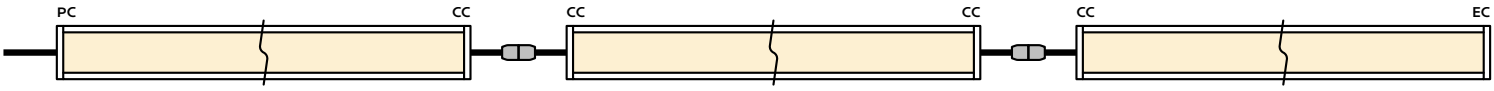


KEY

Detail A	**Dry Rated Tape:** The LED tape is rated for indoor (Dry Location) applications only.
Detail B	**Dry Continuous Connector:** Used to span a corner or traverse a gap, corner, or obstacle in a dry location installation area.

Note: Drawings not to scale. Product may differ from examples shown.

CONNECTION SEQUENCE



PC = Power Connector
Start of Run

CC = Continuous Connector
Continuous Connection

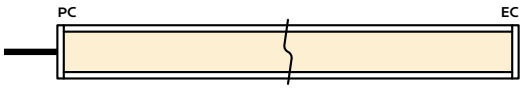
EC = End Cap
End of Run

- Specifying a layout is not required to place an order.
- Configuration code applies to full length ordered and will be built per the Continuous Run models on Design Guidelines.
- Connector type subject to change based on availability and listing. Refer to Design Guidelines for details.

HOW TO SPECIFY CONFIGURATIONS

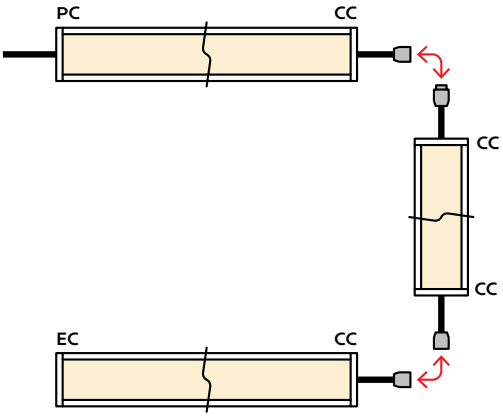
Example: 20' Straight Run

- 1x A8-ZYPO-TAPE-CL-4.3W-10V-DWM-DRY-NA-20'-PC-EC



Example: 30' U-Shaped Run

- 1x A8-ZYPO-TAPE-CL-4.3W-10V-DWM-DRY-NA-6'-PC-CC
- 1x A8-ZYPO-TAPE-CL-4.3W-10V-DWM-DRY-NA-18'-CC-CC
- 1x A8-ZYPO-TAPE-CL-4.3W-10V-DWM-DRY-NA-6'-CC-EC



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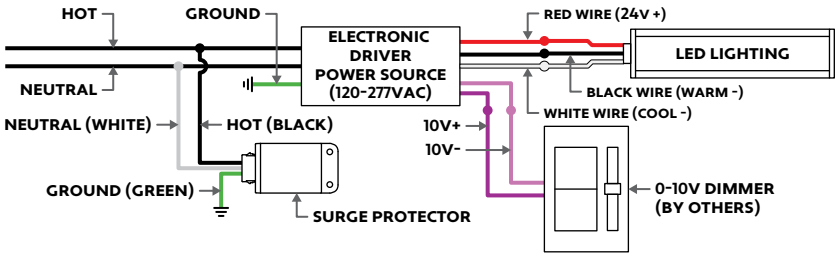
0-10V WIRING DIMMING DIAGRAM

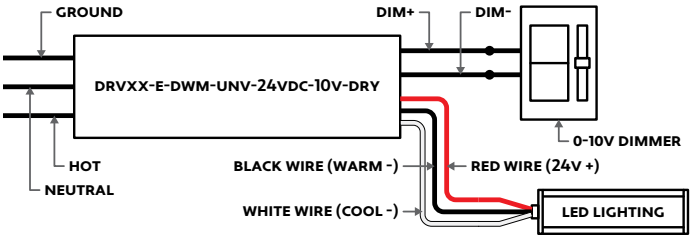


0-10V DIMMING (10V)

Technical Requirements For Control Equipment

- The light output of the LEDs operated by the controllable LED driver is controlled by DC voltage applied to the control input leads (gray and violet). The actual response curve of LED driver current versus control voltage.
- The control device must be capable of accepting or sinking the DC current flow from the driver. The DC current from the driver that must be sinked by the control circuit is approximately 150uA (+/50% for isolated dim interfaces, up to 1.5mA for non isolated dim interfaces).
- If the control bus is opened, or if the control device internally opens the control bus under some conditions, the voltage on the control bus will then be a function of the drivers, which is 10-15V. Maximum light output will be delivered under this condition.
- If the control bus is shorted either by a mechanical switch in the control or by the circuitry of the control device, or inadvertently in the wiring, the current on the control bus will be less than 1.5mA.
- As can be determined from the two items, simple two-level operation of the drivers can be achieved by proper usage and application of a simple open/closed switch on the control bus with maximum light being achieved when the switch is open and minimum light with the switch is closed.
- The driver is intended to be used with control voltages between 0-10VDC volts peak maximum on the driver control leads.
- Control equipment intended to control more than one driver must be capable of sinking the current supplied tot the control bus by the maximum number of drivers specified for the control device. At any given level setting it must maintain control bus voltage constant within a range of +/-5% as the number of drivers connected to the control bus varies from a minimum of one driver up to the maximum number specified for the control device.
- Driver of various ratings may be mixed on the same control system.

0-10V DIMMING WIRING DIAGRAM FOR DWM



WIRING DIAGRAM FOR DWM-CAS