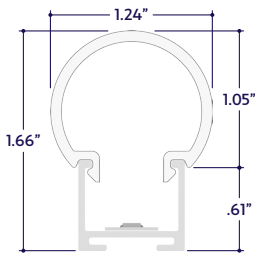


### GENERAL FEATURES

|                            |   |
|----------------------------|---|
| <b>Applications</b>        | Accent, Decorative, Surface, Recessed Lighting  |
| <b>Lens</b>                | 100% Frosted  |
| <b>Viewing Angle</b>       | 120°  |
| <b>Length</b>              | Built to Order (+/- 1/8" Tolerance)   |
| <b>Construction</b>        | Aluminum Extrusion  |
| <b>Field Cutting</b>       | Dry and Wet Location Field Cuttable   |
| <b>Weight</b>              | 0.279 lbs per foot  |
| <b>Mounting</b>            | Mounting Channel or Mounting Clips (Sold Separately)                                      |
| <b>Listing</b>             | Dry, Wet, or IP67 Location<br>UL2108, 67.1.9, 60.4, CSA C22.2 #9<br>UL8750, CSA250        |
| <b>Driver</b>              | Remote (Sold Separately)  |
| <b>Closet Rating</b>       | Up to 4.3 Watts per Foot Maximum  |
| <b>Temperature Ratings</b> | Operating / Startup: -20° to 48°C (-4° to 120°F)<br>Storage: -40° to 76°C (-40° to 170°F) |
| <b>Installation Link</b>   |   |

### END VIEWS / DIMENSIONS



### ELECTRICAL

|   |                      |
|---|----------------------|
| <b>Dimming</b>                            | 0-10V, Casambi Ready |
| <b>Maximum Run (Class 2 Applications)</b> | 19' (4.3W)           |
| <b>Luminaire Voltage</b>                  | 24VDC                |

### SPECIFY PRODUCT CODE | CHOOSE FROM DROP DOWNS

| Series                           | Lens                                 | Watts per Foot   | Dimming   | LED                              | Listing  | Finish  | Luminaire Length  |
|----------------------------------|--------------------------------------|------------------|---|----------------------------------|--|---|---|
| <b>A8-ZYPO-SSR</b>               | <b>F</b>                             | <b>4.3W</b>      |   | <b>DWM</b>                       |  |   |   |
| ZYPO Surface Round (A8-ZYPO-SSR) | 100% Frosted Lens: Line of Light (F) | 4.3 Watts (4.3W) | 0-10V; 100% - 1% (10V)<br><br>Casambi Ready (CAS) | Dim to Warm: 3000K - 2000K (DWM) | Indoor (DRY)<br><br>Outdoor* <sup>1</sup> (WET)<br><br>Outdoor IP67* <sup>1</sup> (IP67) | Natural Silver* <sup>2</sup> (NA)<br><br>Polished (PA)<br><br>White (WH)<br><br>Satin / Silver (SA)<br><br>Black (BK) | Specify Length in Feet & Inches<br><b>Example: 7'8"</b> |

\*<sup>1</sup> Run lengths are required for Wet & IP67 Location products. Provide run lengths at time of order.

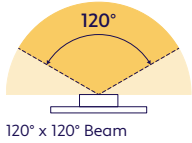
\*<sup>2</sup> Default finish is Natural Silver (NA) if left blank.



### LAMP FEATURES

|                  |  |
|------------------|--|
| <b>Lamp Type</b> | Dim to Warm LEDs   |
| <b>CRI</b>       | > 90   |
| <b>Efficacy</b>  | 148 Lumens per Watt @ 25%<br>137 Lumens per Watt @ 50%<br>118 Lumens per Watt @ 75%<br>92 Lumens per Watt @ 100% |

### BEAM ANGLE



### LAMP SPECIFICATIONS

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

### LENS / OPTICS APPEARANCE



100% Frosted Lens (F)  
No Diode Image: Line of Light  
25% Loss Factor

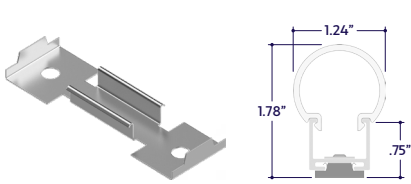
### DRIVERS

| Dimming Selection | Product Code | Link to Specification Sheet / URL |
|-------------------|--------------|-----------------------------------|
| 0-10V: 100% - 1%  | (10V)        |                                   |
| Casambi Ready     | (CAS)        |                                   |



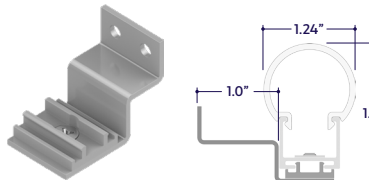
### MOUNTING OPTIONS (Sold Separately)

**Note:** Mounting clips are only available in Natural Silver Finish, unless otherwise specified.



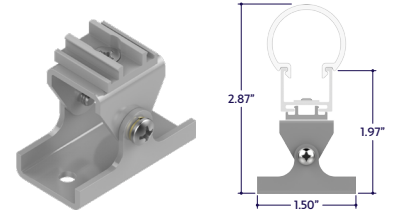
| Part #         | Qty. |
|----------------|------|
| A8-ZYPO-SSR-MC |      |

**Note:** Use 1 mounting clip per 2', rounded up.  
Click on image to see cut sheet for additional details.



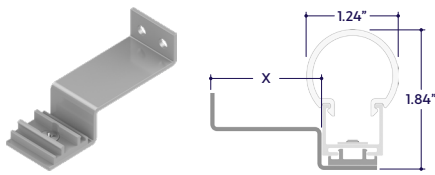
| Part #           | Qty. |
|------------------|------|
| A8-ZYPO-SSR-MC-2 |      |

**Note:** Use 1 mounting clip per 2', rounded up.  
Click on image to see cut sheet for additional details.



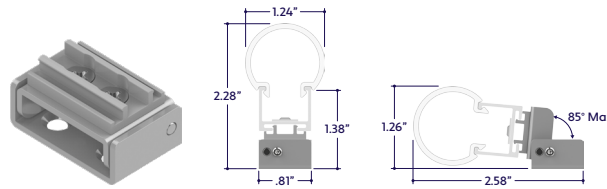
| Part #           | Qty. |
|------------------|------|
| A8-ZYPO-SSR-MC-3 |      |

**Note:** Use 1 mounting clip per 2', rounded up.  
Click on image to see cut sheet for additional details.



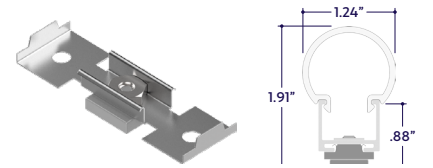
| Part #            | Length | Qty. |
|-------------------|--------|------|
| A8-ZYPO-SSR-MC-4- |        |      |

**Note:** Use 1 mounting clip per 2', rounded up.  
Click on image to see cut sheet for additional details.



| Part #             | Qty. |
|--------------------|------|
| A8-ZYPO-SSR-MC-ADJ |      |

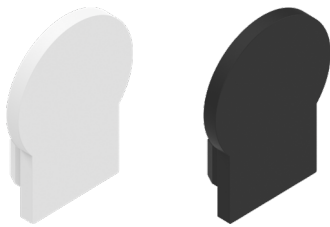
**Note:** Use 1 mounting clip per 2', rounded up.  
Click on image to see cut sheet for additional details.



| Part #            | Qty. |
|-------------------|------|
| A8-ZYPO-SSR-MC-MM |      |

**Note:** Use 1 mounting clip per 2', rounded up.  
Click on image to see cut sheet for additional details.

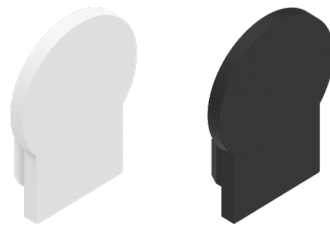
### END CAPS (Sold Separately)



End Cap  
(A8-ZYPO-SSR-EC-X)  
X = Specify Finish: White (WH) or Black (BK)

| Part #            | Qty. |
|-------------------|------|
| A8-ZYPO-SSR-EC-WH |      |
| A8-ZYPO-SSR-EC-BK |      |

**Note:** Default Finish is Black (BK) if unspecified.



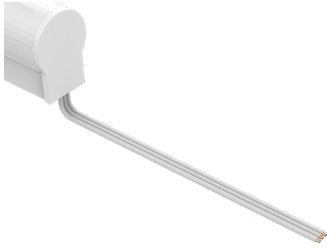
End Cap with Exit Hole  
(A8-ZYPO-SSR-EC-H-X)  
X = Specify Finish: White (WH) or Black (BK)

| Part #              | Qty. |
|---------------------|------|
| A8-ZYPO-SSR-EC-H-WH |      |
| A8-ZYPO-SSR-EC-H-BK |      |

**Note:** Default Finish is Black (BK) if unspecified.

### DRY CONNECTORS (Sold Separately)

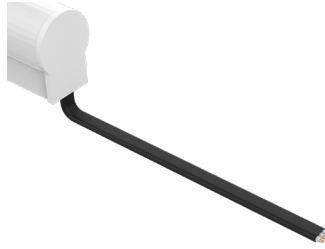
**Note:** Connectors are factory assembled to each run length. Connectors are subject to change without notice.



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

| Part #                  | Length | Qty. |
|-------------------------|--------|------|
| A8-ZYPO-SSR-PC-BFF-DRY- | 36"    |      |
| A8-ZYPO-SSR-PC-BFF-DRY- |        |      |

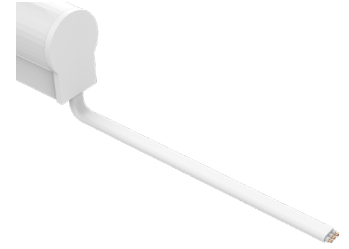
**Note:** Specify 1 Power Connector for each lead required. Power Connectors are factory assembled to each length.



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

| Part #                     | Length | Qty. |
|----------------------------|--------|------|
| A8-ZYPO-SSR-PC-BFF-DRY-BK- | 36"    |      |
| A8-ZYPO-SSR-PC-BFF-DRY-BK- |        |      |

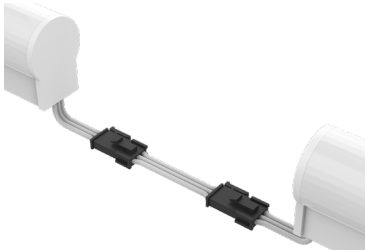
**Note:** Specify 1 Power Connector for each lead required. Power Connectors are factory assembled to each length.



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

| Part #                     | Length | Qty. |
|----------------------------|--------|------|
| A8-ZYPO-SSR-PC-BFF-DRY-WH- | 36"    |      |
| A8-ZYPO-SSR-PC-BFF-DRY-WH- |        |      |

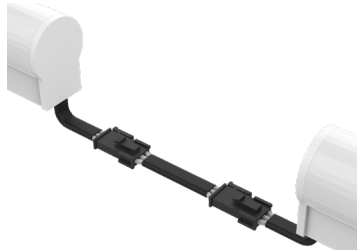
**Note:** Specify 1 Power Connector for each lead required. Power Connectors are factory assembled to each length.



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

| Part #                  | Length | Qty. |
|-------------------------|--------|------|
| A8-ZYPO-SSR-CC-BFF-DRY- | 3"     |      |
| A8-ZYPO-SSR-CC-BFF-DRY- |        |      |

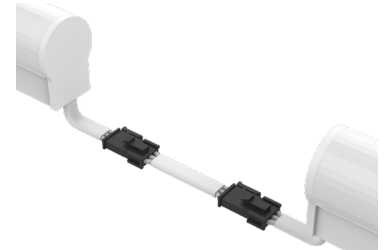
**Note:** Specify Continuous Connectors to traverse a gap or obstacle. Continuous Connectors are factory assembled to specified lengths.



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

| Part #                     | Length | Qty. |
|----------------------------|--------|------|
| A8-ZYPO-SSR-CC-BFF-DRY-BK- | 3"     |      |
| A8-ZYPO-SSR-CC-BFF-DRY-BK- |        |      |

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



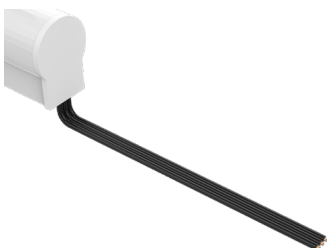
Dry Continuous Connector with White Jacket  
(20/3 Gauge Wire)  
**(A8-ZYPO-SSR-CC-BFF-DRY-WH-X)**  
X = Specify Length, 3" Default

| Part #                     | Length | Qty. |
|----------------------------|--------|------|
| A8-ZYPO-SSR-CC-BFF-DRY-WH- | 3"     |      |
| A8-ZYPO-SSR-CC-BFF-DRY-WH- |        |      |

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

### WET CONNECTORS (Sold Separately)

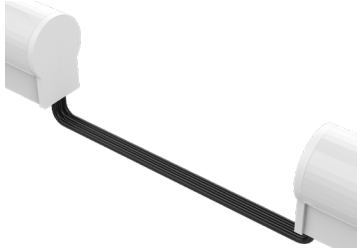
**Note:** Connectors are factory assembled to each run length. Connectors are subject to change without notice.



Wet Power Connector  
(20/3 Gauge Wire)  
**(A8-ZYPO-SSR-PC-BFF-WET-X)**  
X = Specify Length, 36" Default, 25' Maximum

| Part #                  | Length | Qty. |
|-------------------------|--------|------|
| A8-ZYPO-SSR-PC-BFF-WET- | 36"    |      |
| A8-ZYPO-SSR-PC-BFF-WET- |        |      |

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



Wet Continuous Connector  
(20/3 Gauge Wire)  
**(A8-ZYPO-SSR-CC-BFF-WET-X)**  
X = Specify Length, 3" Default

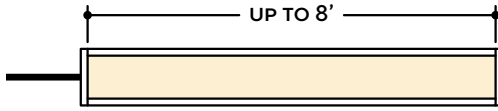
| Part #                  | Length | Qty. |
|-------------------------|--------|------|
| A8-ZYPO-SSR-CC-BFF-WET- | 3"     |      |
| A8-ZYPO-SSR-CC-BFF-WET- |        |      |

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

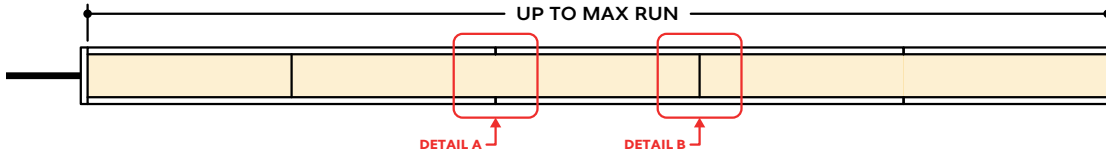


### DESIGN GUIDELINES

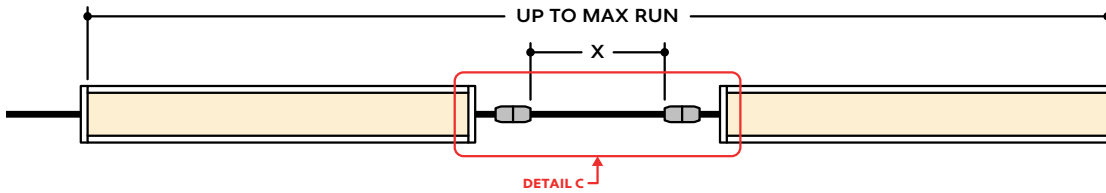
#### Individual Fixture



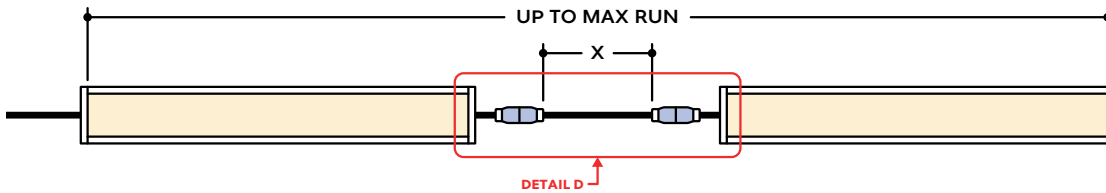
#### Continuous Run (Dry or Wet Location)



#### Runs with Continuous Connector (Dry Location)



#### Runs with Continuous Connector (Wet Location)

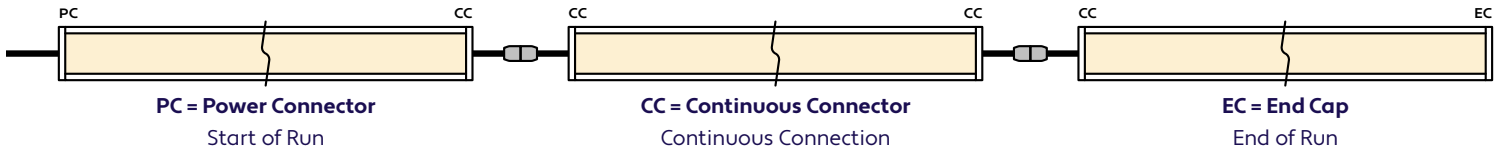


### KEY

- Detail A Two Extrusions Meet:** Two extrusion segments meet, held together by a mounting clip. Refer to installation instructions for additional details.
- Detail B Two Lenses Meet:** Lenses are staggered so that the lens always overlaps where two extrusion segments meet. Refer to installation instructions for additional details.
- Detail C Dry Continuous Connector:** Used to span a corner or traverse a gap, corner, or obstacle in a dry location installation area.
- Detail D Wet Continuous Connector:** Used to span a corner or traverse a gap, corner, or obstacle in a wet location installation area.

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

### CONNECTION SEQUENCE

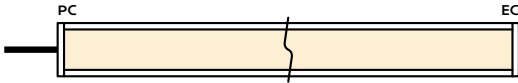


- Specifying a layout is not required to place an order.
- Configuration code applies to full length ordered and will be built per the Continuous Run models on Design Guidelines.
- Connector type subject to change based on availability and listing. Refer to Design Guidelines for details.

### HOW TO SPECIFY CONFIGURATIONS

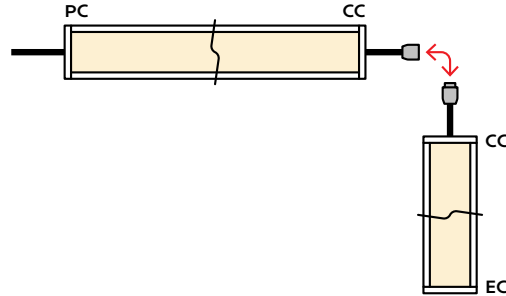
#### Example: 20' Straight Run

- 1x A8-ZYPO-SSR-F-4.3W-10V-DWM-DRY-NA-20'-PC-CC



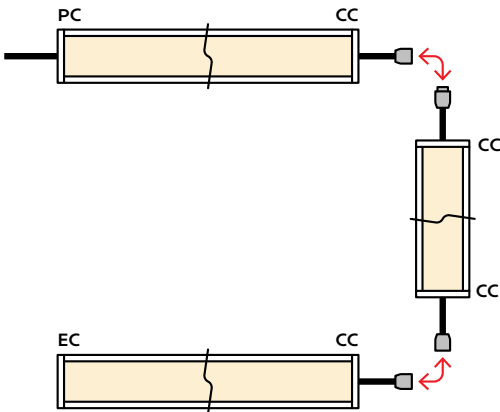
#### Example: 25' L-Shaped Run

- 1x A8-ZYPO-SSR-F-4.3W-10V-DWM-WET-NA-12'-PC-CC
- 1x A8-ZYPO-SSR-F-4.3W-10V-DWM-WET-NA-6'-CC-EC



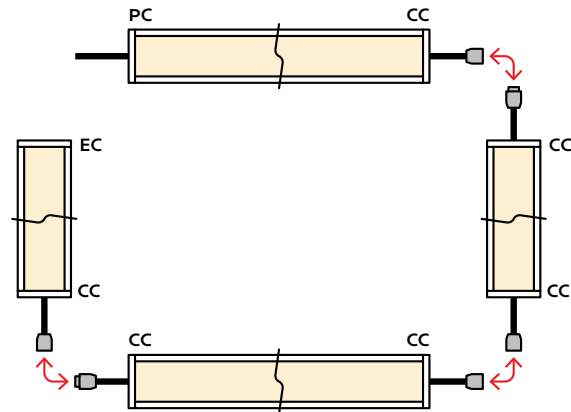
#### Example: 30' U-Shaped Run

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

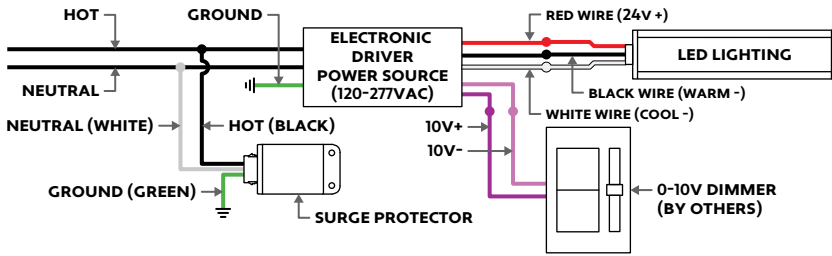


#### Example: 28' Rectangle Shaped Run

- 1x A8-ZYPO-SSR-F-4.3W-10V-DWM-WET-NA-11'-PC-CC
- 1x A8-ZYPO-SSR-F-4.3W-10V-DWM-WET-NA-3'-CC-CC
- 1x A8-ZYPO-SSR-F-4.3W-10V-DWM-WET-NA-11'-CC-CC
- 1x A8-ZYPO-SSR-F-4.3W-10V-DWM-WET-NA-3'-CC-EC



## 0-10V WIRING DIMMING DIAGRAM

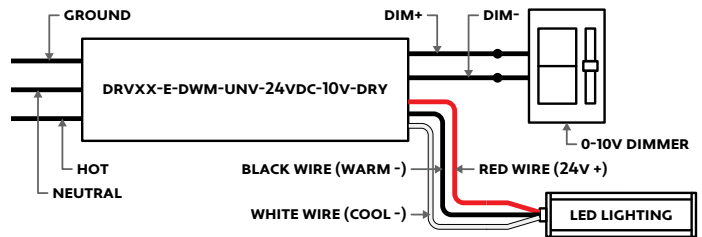


## 0-10V DIMMING (10V)

### 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 sunk 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

