



IP67



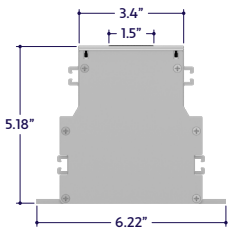
RoHS COMPLIANT



### GENERAL FEATURES

<b>Applications</b>	Ingrade Wall Washing, Wall Grazing, Column Highlighting, Directional Wayfinding Lighting
<b>Lens</b>	Tempered Glass Lens
<b>Optics</b>	10°, 30°, 10° x 60°, 30° x 60°, Asymmetric
<b>Length</b>	Built to Order (2', 3', or 4' Increments)
<b>Construction</b>	Aluminum Extrusion & Stainless Steel
<b>Feed Point</b>	A 1.74" hole is provided on the housing end cap. Use 1-1/4" schedule 40 pipe to bring power into fixtures. Pipe and fittings by others.
<b>Weight</b>	28 lbs (4'), 21 lbs (3'), 14 lbs (2')
<b>Mounting</b>	Concrete Pour Applications
<b>Listing</b>	Wet (IP67) Location UL1598, CSA C22.2#250.0 UL8750, CSA250 UL2108, 67.1.9, 60.4, CSA C22.2 #9
<b>Temperature Ratings</b>	Operating / Startup: -20° to 48°C (-4° to 120°F) Storage: -40° to 76°C (-40° to 170°F)
<b>Installation Link</b>	

### END VIEW / DIMENSIONS



### ELECTRICAL

<b>Dimming</b>	DMX
<b>Maximum Run</b> (Line Voltage Integral Driver)	48' (Maximum 12 Fixtures @ 12W)
<b>Luminaire Voltage</b>	120V - 277V (UNV)

### SPECIFY PRODUCT CODE | CHOOSE FROM DROP DOWNS

Series	LED	Optics	Optical Diffuser	Finish	Watts per Foot	Dimming	Listing	Luminaire Voltage	Luminaire Length*
<b>A4-ZERA-ING</b>	<b>RGBW</b>			<b>STS</b>		<b>DMX</b>	<b>IP67</b>	<b>UNV</b>	
ZERA Ingrade (A4-ZERA-ING)	Color Changing: Red, Green, Blue, White (RGBW)	Symmetrical Spot Flood: 30° x 30° (30D)	Optical Diffuser (ODF)	Stainless Steel (STS)	6 Watts (6W) 8 Watts (8W)	DMX-512* (DMX)	Outdoor IP67 (IP67)	120V - 277V Line Voltage* (UNV)	Specify Length in 1' Increments Example: 22'
		Bi-Symmetrical Grazer Flood: 30° x 60° (30Dx60D)	Leave Blank for None		9 Watts (9W) 12 Watts (12W)				
		Asymmetric Wall Wash 10° x 60° (ASM)							
		Marker 105° x 105° (MKR)							

\* Default DMX address of each luminaire is 001. Consult third party DMX commissioner to modify at time of installation.

\*\* Integral drivers sized based on wattage per length. Example: 4 feet x 6 Watts per foot = 24 Watts. Driver will be sized based on 24 Watts.

### LAMP FEATURES

<b>Lamp Type</b>	Quad-Chip RGBW LEDs (No Mercury)
<b>CRI</b>	> 84 (Based on White @ Full Output)
<b>Efficacy</b>	78 Lumens per Watt: All colors @ Full Output (RGBW) 56 Lumens per Watt: Red @ Full Output (R) 79 Lumens per Watt: Green @ Full Output (G) 45 Lumens per Watt: Blue @ Full Output (B) 124 Lumens per Watt: White @ Full Output (W)

### LAMP SPECIFICATIONS

Lamp Number	Description	L70 LED Life
RGBW	Color Changing: Red, Green, Blue, White (3000K)	40,000 hours

### LENS / OPTICS APPEARANCE

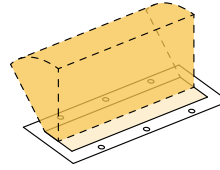


With Optical Diffuser  
No Diode Image: Line of Light  
(ODF)

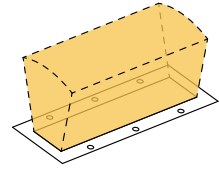


Without Optical Diffuser  
Visible Diode Image

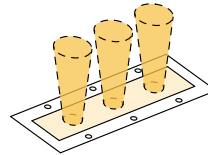
### BEAM ANGLES



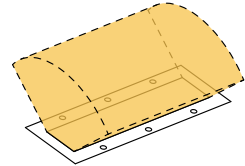
Asymmetric Wall Wash  
10° x 60° (ASM)



Bi-Symmetrical Grazer  
Flood: 30° x 60° (30Dx60D)



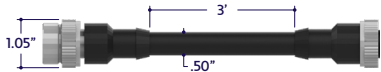
Symmetrical Spot  
Flood: 30° x 30° (30D)



Marker  
105° x 105° (MKR)

### CONNECTORS (Sold Separately)

**Note:** Connectors are subject to change without notice.



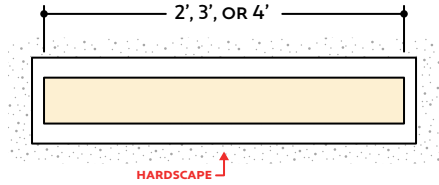
Wet Jumper Cable  
(A4-ZERA-ING-RGBW-JC-WET-3')

Part #	Qty.
A4-ZERA-ING-RGBW-JC-WET-3'	

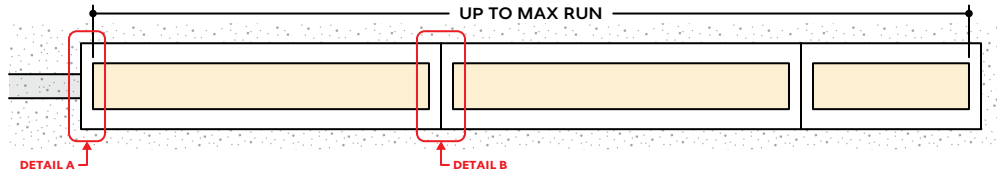
**Note:** Specify 1 Jumper Cable for each instance when there is a gap between luminaires.

## DESIGN GUIDELINES

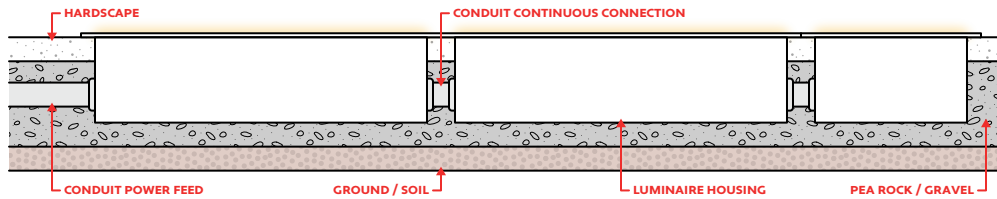
### Individual Fixture



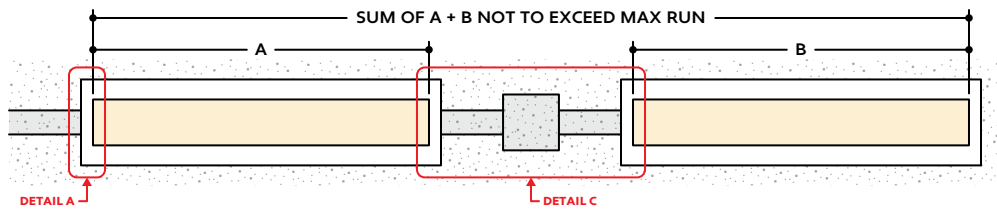
### Continuous Run (Plan View)



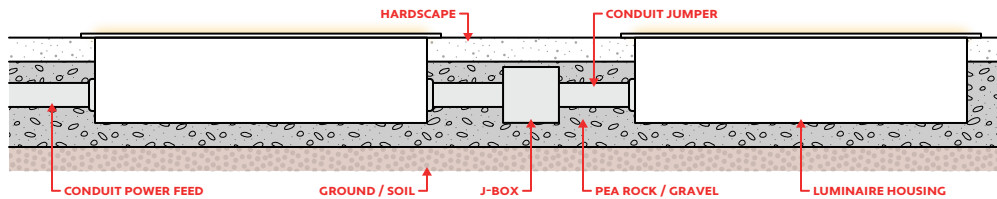
### Continuous Run (Elevation View)



### Run with Jumper Cable (Plan View)



### Run with Jumper Cable (Elevation View)

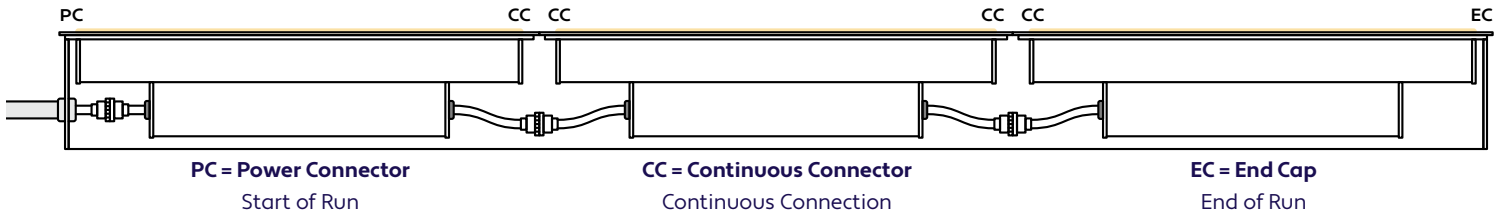


## KEY

- Detail A Conduit Power Feed:** Power is fed to the run through the end cap via conduit. Conduit and conduit fittings by others.
- Detail B Continuous Connection:** Fixtures are connected in sequence via conduit connection. Conduit and conduit fittings by others.
- Detail C Conduit Jumper:** Fixtures are connected to each other via conduit jumper and j-box. Conduit, fittings, and j-box by others.

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

## CONFIGURATIONS 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: 10' Straight Run

- 1x A4-ZERA-ING-RGBW-MKR-ODF-ST5-8W-DMX-IP67-UNV-4'-PC-CC
- 1x A4-ZERA-ING-RGBW-MKR-ODF-ST5-8W-DMX-IP67-UNV-4'-CC-CC
- 1x A4-ZERA-ING-RGBW-MKR-ODF-ST5-8W-DMX-IP67-UNV-2'-CC-EC

