

SINGLE
BIN
+30K

TITLE 24
JA8



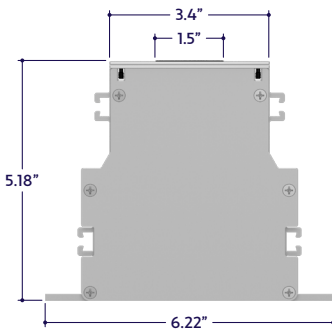
RoHS
COMPLIANT

WET
IP67

✓ TM-30
✓ LM-79
✓ LM-80



END VIEWS / DIMENSIONS



GENERAL FEATURES

Applications	Ingrade Wall Washing, Wall Grazing, Column Highlighting, Directional Wayfinding Lighting
Lens	Tempered Glass Lens
Optics	10°, 30°, 10° x 60°, 30° x 60°, Asymmetric
Length	Built to Order (1', 2', 3', or 4' Increments)
Construction	Aluminum Extrusion & Stainless Steel
Feed Point	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.
Weight	28 lbs (4'), 21 lbs (3'), 14 lbs (2'), 7 lbs (1')
Mounting	Concrete Pour Applications
Listing	Wet (IP67) Location UL1598, CSA C22.2#250.0 UL8750, CSA250 UL2108, 67.1.9, 60.4, CSA C22.2 #9
Temperature Ratings	Operating / Startup: -20° to 48°C (-4° to 120°F) Storage: -40° to 76°C (-40° to 170°F)

Installation Link

ELECTRICAL

Dimming	0-10V, Forward Phase, DMX, DALI
Maximum Run (Line Voltage Integral Driver)	48' (120V - Maximum 12 Fixtures @ 12W) 108' (277V - Maximum 27 Fixtures @ 12W)
Luminaire Voltage	120V - 277V (UNV) 120V (Forward Phase Dimming Only)

SPECIFY PRODUCT CODE | CHOOSE FROM DROP DOWNS

Series	Optics	Optical Diffuser	Finish	CCT LED	Watts per Foot	Dimming	Listing	Luminaire Voltage	Luminaire Length
A4-ZERA-ING			STS				IP67		
ZERA Ingrade (A4-ZERA-ING)	Symmetrical Spot Narrow: 10° x 10° (10D)	Optical Diffuser (ODF)	Stainless Steel (STS)	2400K (24K) 2700K (27K)	3 Watts (3W) 267 Lumens / ft* ¹	0-10V; 100% - 1% (10V)	Outdoor IP67 (IP67)	120V - 277V Line Voltage* ⁴ (UNV)	Specify Length in 1' Increments Example: 22'
	Symmetrical Spot Flood: 30° x 30° (30D)	Leave Blank for None		3000K (30K) 3500K (35K)	5 Watts (5W) 445 Lumens / ft* ¹	0-10V; 100% - 1% (10V-.1%)		120V Line Voltage (Phase Dimming Only) (120V)	
	Bi-Symmetrical Grazer Narrow: 10° x 60° (10Dx60D)			4000K (40K) 4500K (45K)	6 Watts (6W) 534 Lumens / ft* ¹	DMX-512* ³ (DMX)			
	Bi-Symmetrical Grazer Flood: 30° x 60° (30Dx60D)			5000K (50K) 5700K (57K)	8 Watts (8W) 712 Lumens / ft* ¹	DALI* ⁴ (DALI)			
	Asymmetric Wall Wash 10° x 60° (ASM)			Red (R) Green (G)	9 Watts (9W) 801 Lumens / ft* ¹	Leave Blank for Non-Dimming			
	Marker 105° x 105° (MKR)			Blue (B) Amber (A)	12 Watts (12W) 1068 Lumens / ft* ¹				

*¹ Lumens per Foot based on 35K CCT LED. **Example:** 125 Lumens x 3 Watts = 375 Lumens per Foot.

*² Default DMX address of each luminaire is 001. Consult third party DMX commissioner to modify at time of installation. Minimum luminaire length: 2'

*³ DALI commissioning to be performed by a third party at time of installation. ALUZ does not provide DALI commissioning. Minimum luminaire length: 2'

*⁴ Integral drivers sized based on wattage per length. **Example:** 4 feet x 3 Watts per foot = 12 Watts. Driver will be sized based on 12 Watts.



LAMP SPECIFICATIONS

Lamp Number	Correlated Color Temperature / Description	Efficacy (Lumens per Watt)	L70 LED Life
24K	2400 Kelvin (Warm White)	89	60,000 hrs.
27K	2700 Kelvin (Warm White)	89	
30K	3000 Kelvin (Warm White)	89	
35K	3500 Kelvin (Neutral White)	89	
40K	4000 Kelvin (Neutral White)	89	
45K	4500 Kelvin (Neutral White)	89	40,000 hrs.
50K	5000 Kelvin (Cool White)	89	
57K	5700 Kelvin (Cool White)	89	
R	Red (621nm)	60	
G	Green (525nm)	139	
B	Blue (470nm)	40	
A	Amber (590nm)	128	

To calculate Delivered Lumens, multiply Efficacy by Watts per Foot.
Example: 89 Lumens per Watt x 3 Watts per Foot = 267 Lumens per Foot.

LAMP FEATURES

Lamp Type	High Output LEDs (No Mercury)
CRI	> 90
Efficacy	89 Lumens per Watt (Based on 35K CCT LED with 10D Optics)

LENS / OPTICS APPEARANCE

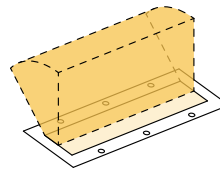


With Optical Diffuser
 No Diode Image: Line of Light
(ODF)

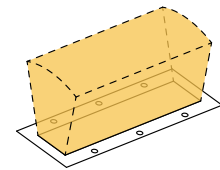


Without Optical Diffuser
 Visible Diode Image

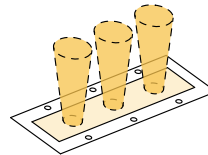
BEAM ANGLES



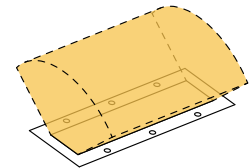
Asymmetric Wall Wash
 10° x 60° **(ASM)**



Bi-Symmetrical Grazer
 Narrow: 10° x 60° **(10Dx60D)**
 Flood: 30° x 60° **(30Dx60D)**



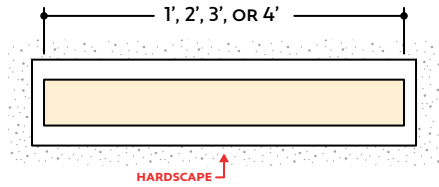
Symmetrical Spot
 Narrow: 10° x 10° **(10D)**
 Flood: 30° x 30° **(30D)**



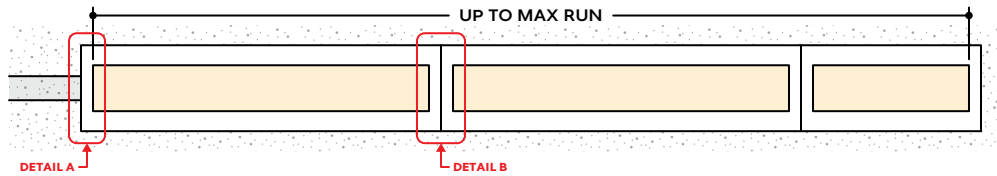
Marker
 105° x 105° **(MKR)**

DESIGN GUIDELINES

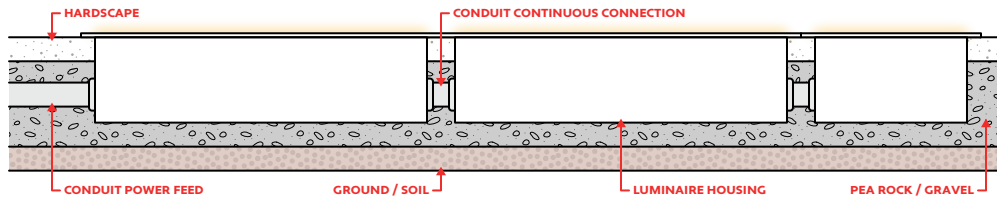
Individual Fixture



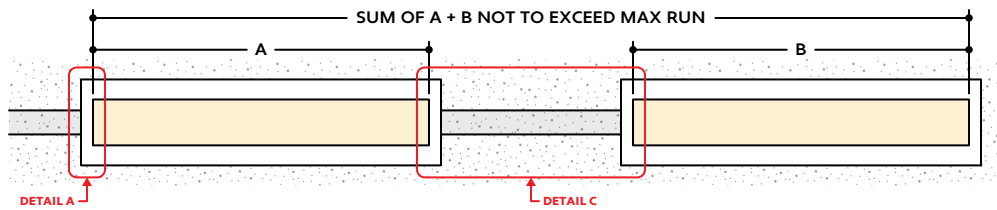
Continuous Run (Plan View)



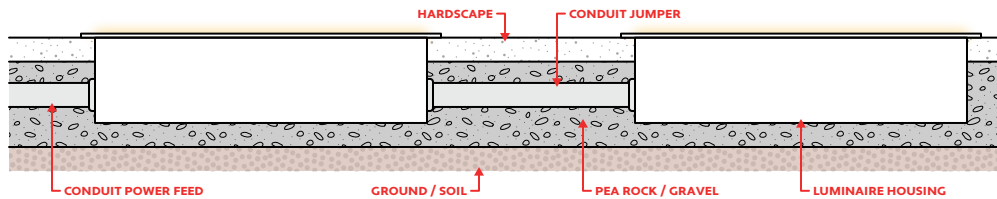
Continuous Run (Elevation View)



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, with a gap in between, via conduit jumper. Conduit and conduit fittings by others.

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