ZERO G Specifications

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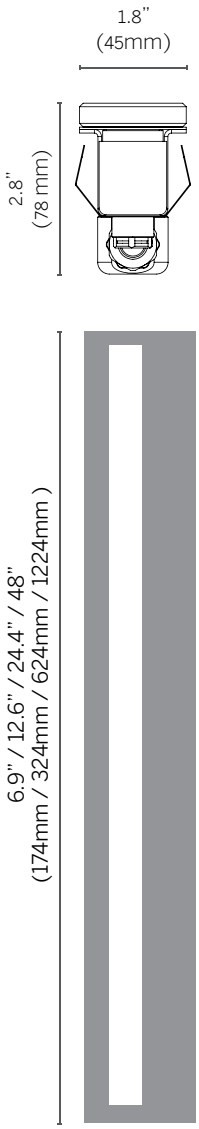

Ordering Information[1]							
F ZG		H		GR	24		
Model	**Length**	**Power**	**Color**	**Optics**	**Voltage**	**Options**	**Housing**
F ZG	6 12 24 48	H	27 30 40 TW	GR	24	C1 C2 C3 CX	ZG6 ZG12 ZG24 ZG48

[1]*Specify remote power supply separately below.*

Luminaire

- Zero glare, linear graze light with high performance optics for outdoor and indoor use
- Trimless for seamless integration into grade
- Single luminaire or continuous run of standard lengths, in/out feed
- Linear optics/no discoloration
- IP67, UL STD 1598, wet location, Pedestrian driveover rated 3000 lb
- Stainless steel construction 304 with clear tempered glass 3/8" thick
- Installation housing, stainless steel 304 construction, direct concrete pour
- Supplied with oil and water resistant 3.3' (1m) feed cable standard

Length

- 6 = 6.9" (174mm) OAL
- 12 = 12.6" (324mm) OAL
- 24 = 24.4" (624mm) OAL
- 48 = 48" (1224mm) OAL

Power

- H = 11.9W/ft, 3000K, 320 lm/ft

Color Temperature

- 27 = 2700K
- 30 = 3000K
- 40 = 4000K
- TW = Tuneable white, 2200K - 6000K
- 2 Step MacAdam
- CRI: > 85

Optics

- GR = Graze (optimal setback 4" from wall, 32' max height)

Voltage

- 24 = 24Vdc fixture voltage

Options

- C1 = 10' (3m) feed cable
- C2 = 20' (6m) feed cable
- C3 = 30' (9m) feed cable
- CX = specify length

Housing

- ZG6 = 6" housing
- ZG12 = 12" housing
- ZG24 = 24" housing
- ZG48 = 48" housing

Power Supply[2] (Remote)

Non-Dim

☐ D-520-24007: Osram 96W, 24VDC, 120-277VAC

Dim

☐ D-520-24006: Osram 10% 0-10V dimming, 96W, 24VDC, 120-277VAC

☐ IL-JB-LED-24003-120V-DFPN: Lutron LTE 1% Forward Phase (with neutral) dimming, 5-40W, 24VDC, 120VAC, Case K, dry location enclosure (not suitable for 48" High power or 12" Low power fixtures)

☐ IL-JB-LED-24010-UNV-D3W: Lutron L3D 1% 3-wire dimming, 5-40W, 24VDC, 120-277VAC, Case K, dry location enclosure (not suitable for 48" High power or 12" Low power fixtures)

☐ IL-JB-LED-24010-UNV-DES: Lutron L3D 1% EcoSystem dimming, 5-40W, 24VDC, 120-277VAC, Case K, supplied in a dry location enclosure (not suitable for 48" High power or 12" Low power fixtures)

[2]*See power supply pages for details. No enclosure, unless stated. lm80 values shown.*

IP68

ZERO G Dimensions

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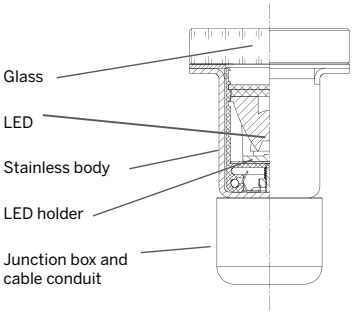
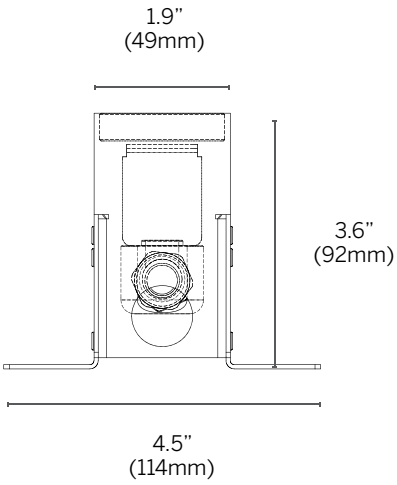
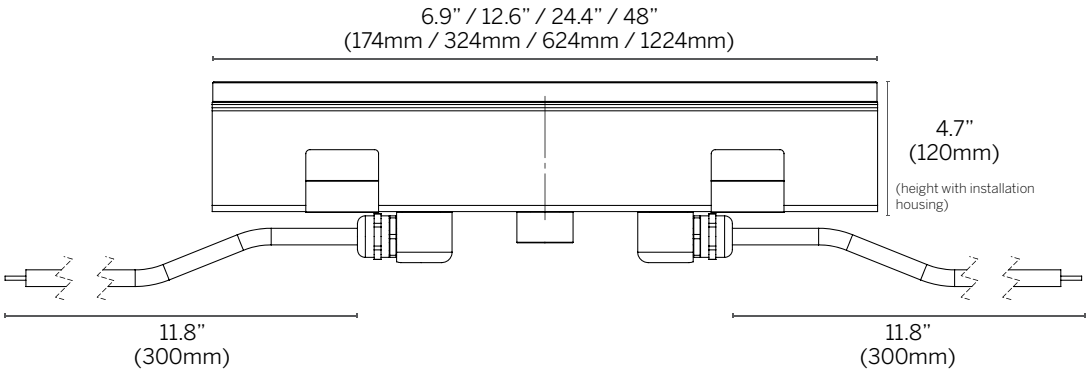
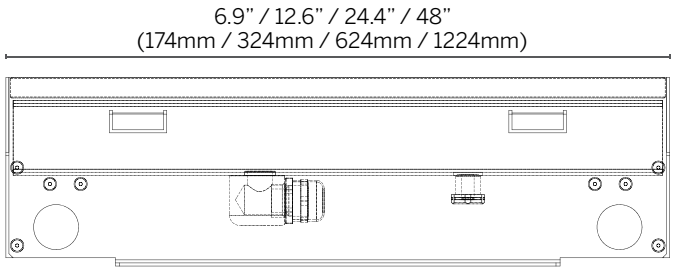
Fixture





Installation Housing





ZERO G Power Supplies

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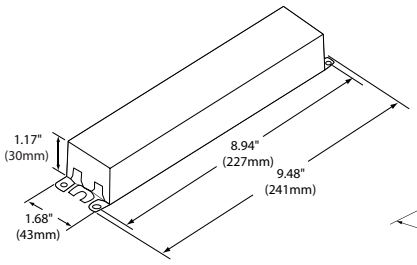
Single Color Drivers

Qty.	Part Number	Description	Case	Nominal Input Voltage (V)	Nominal Input Current (A)	Power Factor	Output Power Range (W)	Dimming Mode	Dimming Control	Dimming Range	Location Rating
	D-520-24007	Osram non-dim	1	120 277	0.97 0.39	0.9	1-96	N/A	N/A	N/A	Damp
	D-520-24006	Osram 0-10V dim	1	120 277	0.97 0.39	0.9	1-96	PWM	0-10V	10 –100%	Damp
	IL-JB-LED-24003-120V-DFPN	Hi-Lume A Series LED LTE	2	120	0.38	0.99	5-40	PWM	Forward phase with neutral	1 –100%	Dry
	IL-JB-LED-24010-UNV-D3W	Hi-Lume A Series LED L3D, 3-wire	2	120 277	0.38 0.17	0.99 0.96	5-40	PWM	3-Wire	1 –100%	Dry
	IL-JB-LED-24010-UNV-DES	Hi-Lume A Series LED L3D, EcoSystem	2	120 277	0.37 0.17	0.99 0.96	5-40	PWM	Ecosystem®	1 –100%	Dry

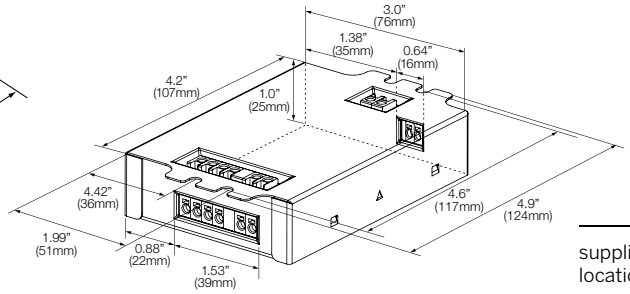
Although it is possible to exceed the remote mounting distance, the installer and/or end user must take precautions to prevent and/or test the effects of EMI (electromagnetic interference).

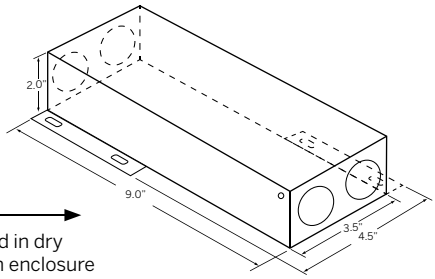
Case dimensions

Case 1 (no enclosure)



Case 2 Hi-Lume, case K (enclosure supplied)

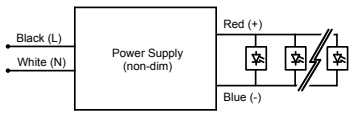




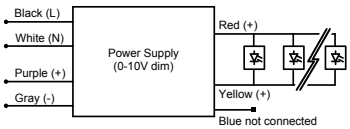
supplied in dry location enclosure

Wiring diagrams

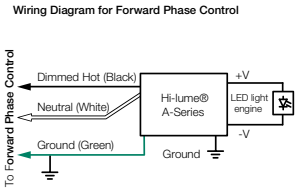
96W Non-Dim



96W Dim

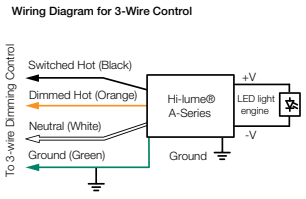


LTE (forward phase with neutral)



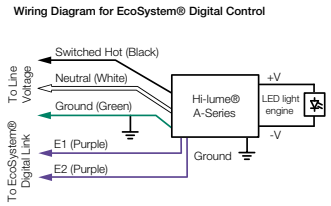
Note: Colors shown correspond to terminal blocks on driver.

L3D (3-wire)



Note: Colors shown correspond to terminal blocks on driver.

L3D (Ecosystem®)



Note: Colors shown correspond to terminal blocks on driver.

Maximum wiring distance*

	Load per driver			
	Osram			Lutron
Wire gauge	≤48W	≤72W	≤96W	≤40W
#18AWG	37'	25'	18'	15'
#16AWG	59'	39'	29'	25'
#14AWG	95'	63'	47'	40'
#12AWG	151'	101'	75'	60'
#10AWG	241'	160'	120'	–

*Voltage drop guide for 24VDC. Actual Voltage drop to be calculated by installer