

Aero Suspended Direct

Key Features

- Extruded aluminum single piece housing
- Soft diffuse direct lighting
- Toolless height adjustment at the ceiling
- 0-10V dimming to 1% is standard
- Efficacy up to 115 lm/W
- 120-277V for power enclosure
- Three power choices of Hyper Drive remote power system



Specifications

Construction

- Continuous extruded 6063 T5 aluminum
- Mechanically attached end caps with no exposed fasteners enhance architectural aesthetic and prevent light leak.

Dimensions

- Nominal dimensions: 4.9" x 2.3"

Finish

- Powder coated
- Colors: White, Black, Silver or Premium Finishes
- End Caps: Color-matched to housing
- Custom colors available. Consult factory for more information.

Luminaire Length

- Standard individual lengths: 2', 4', 6' or 8'

Source

- CCT options: 2700K, 3000K, 3500K, 4000K, or 5000K
- All within 3 MacAdam ellipses
- 90 CRI (R9 50 min) available

Lensing

- 0.060" thick impact resistant acrylic lens
- Soft diffuse direct lighting

Operating Temperature

- -40°C to 50°C (-40°F to 122°F)

Lithium Ion Battery

- Provides up to 780 lm (6W) or up to 1300 lm (10W) for 90 minutes.
- Certifications: UL924 listed, Class 2 compliant, and Title 20 CEC (California Energy Commission) compliant

Dimming (Integral) Driver

- (0-10V) dimming driver with programmable current for configurable fixture lumen outputs (UL listed, Class P)
- Overcurrent protection: 2.5KV
- Power factor: >0.90

Generator Transfer Device

- Luminaires with GTD option provides a UL924 shunt relay to bypass normal power, switches, and 0-10V dimming.

Certifications

- Build America Buy America compliant
- Buy American Act compliant
- Intertek cETLus Listed
- RoHS (Restriction of Hazardous Substances)
- Suitable for dry and damp locations

Packaging

- Sustainably manufactured outside cardboard box and biodegradable, protective poly-foam luminaire inserts.

Warranty

- 5-year limited warranty



Ordering Logic

AEROD-4-750-IDGL-35K-80-PB-CRW-1C-HD01

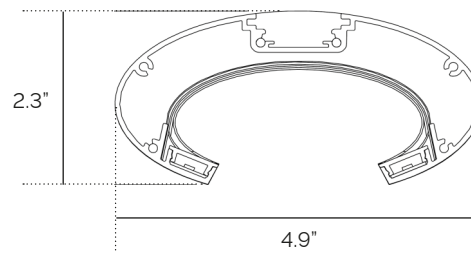
Series	Length	Direct Output ¹	Direct Distribution	CCT	CRI
AEROD			IDGL		
	XX - Run Length	250 - 250 LPF	IDGL - Indirect Glow	27K - 2700K	80 - 80 CRI
	SXX - Symmetrical Run Length	500 - 500 LPF		30K - 3000K	90 - 90 CRI (R9 50 min)
		750 - 750 LPF		35K - 3500K	
		1000 - 1000 LPF		40K - 4000K	
	XXX - Custom LPF			50K - 5000K	

Finish ²	Mounting	Electrical	Remote Option ⁵	Hyper Drive Circuit ^{6,7}
		1C		
Standard Powder Coat	Powered Canopy³	1C - Single Circuit	EX - EM Battery Designated Fixture	HDXX - Hyper Drive Circuit
PW - White	PCW - Powered Canopy White			
PB - Black	PCB - Powered Canopy Black			
PS - Silver				
Premium	Canopy Recessed⁴			
RALXXXX - Powder Coat Gloss Finish	CRW - Canopy Recessed White			
PSFX - Premium Stock Finish	CRB - Canopy Recessed Black			
Custom Powder Coat	Canopy T-Grid⁴			
PO - Powder Other	CTW - Canopy T-Grid White			
	CTB - Canopy T-Grid Black			
	Canopy Surface⁴			
	CSW - Canopy Surface White			
	CSB - Canopy Surface Black			

Ordering Notes

1. 200 LPF min. output / 1500 LPF max. output.
2. See page 5 for standard and premium options.
3. 120-277V driver included. 50W max. dual driver required.
4. Must be ordered with Hyper Drive Remote Driver.
5. Specify quantity in 'X'. (ex: 3 batteries = 'E3')
6. Not required with the Powered Canopy mounting.
7. See pages 3-4 for more information.

Dimensions



Hyper Drive Remote Power System

Ordering Logic

HYPD-L8-NB-PW-U-DTZ-HD01

Series	Size & Quantity ^{1, 2, 3}	Optional Emergency Battery ^{4, 5}	Finish	Voltage
HYPD				U
	SX - 190W Small (2 max.)	NB - No EM Battery	Standard Powder Coat	U - 120-277V
	MX - 300W Medium (4 max.)	#EMB6 - 6W EM Battery (Provided by IOTA/Bodine)	PW - White	
	LX - 600W Large (8 max.)	#EMB10 - 10W EM Battery (Provided by IOTA/Bodine)	PB - Black	
		#FCEMB10 - 10W EM Battery (Factory Choice)	Premium	
			RALXXXX - Powder Coat Gloss Finish	

Options	Hyper Drive Circuit
Specialty Drivers^{6, 7}	HDXX - Hyper Drive Circuit
DT1 - eldoLED EcoDrive Dim to 1% (0-10V)	Sensors
DTZ - eldoLED SoloDrive Dim to 0.1% (0-10V)	Consult factory
PSRD - Philips Sensor Ready (DALI) Driver	Others
LDE1 - Lutron Hi-Lume EcoSystem LED Driver w/ Soft-on, Fade-to-Black	CP - Chicago Plenum (CCEA)
TW-A - Tunable White, 0-10V	RTS - Remote Test Switch for Battery
TW-EL - eldoLED DUALdrive Tunable White (DALI)	

Ordering Notes

1. Replace 'X' with driver quantity.
2. One driver is required per direct only fixture (8' maximum length).
3. Consult factory for custom configurations and drivers not listed.
4. Replace '#' with battery quantity.

5. Each emergency battery reduces the driver quantity of the Hyper Drive.
6. Standard driver is 0-10V, dim to 1% output current.
7. Consult factory for additional driver options.

Limitations

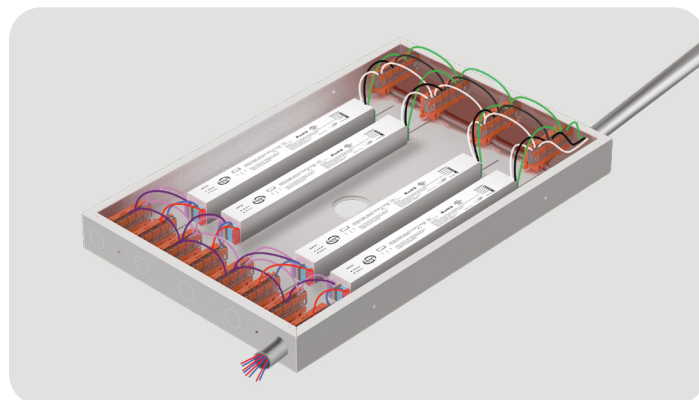
Reference chart for recommended maximum lengths of low voltage cable ran from Hyper Drive to fixture.

Wire Gauge (AWG)	18G	35'
	16G	60'
	14G	100'
	12G	150'

Configurations

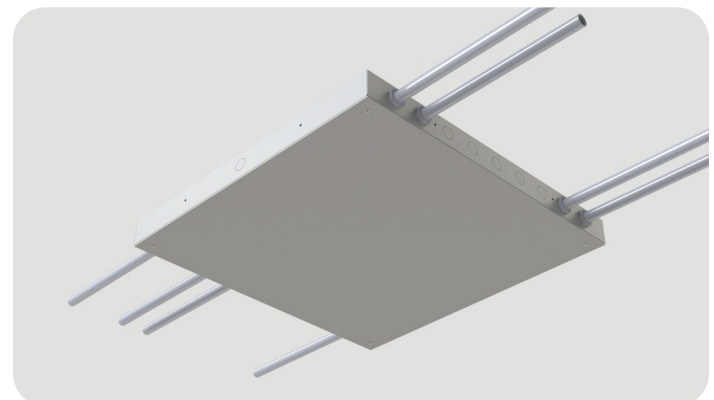
M4 Configuration (Shown without front cover)

Each driver is provided with a terminal block on both input and output side for ease of wiring and installation.



L8 Configuration (Shown with front cover)

Each driver is provided with a terminal block on both input and output side for ease of wiring and installation.

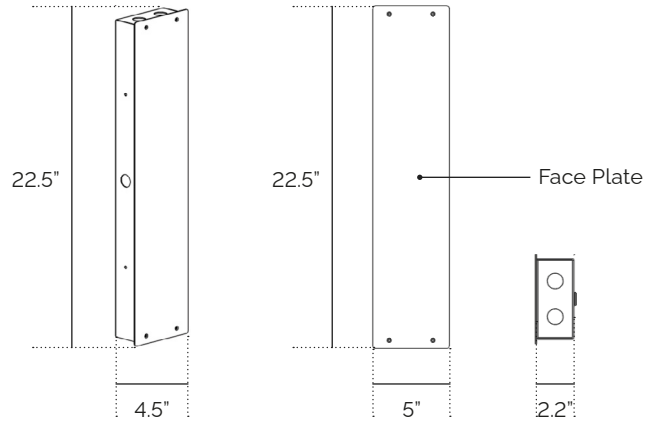


Hyper Drive Remote Power System

SX (Small Hyper Drive Remote Canopy)

190W / 2 Drivers Max.

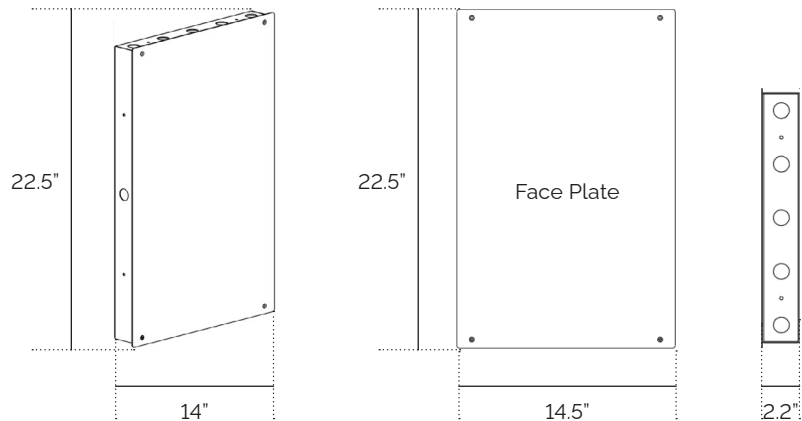
Driver Form Factor	Linear
Input Rating	120-277V
Outputs	Up to 2 (190W max)
Max. Remote Distance	Up to 150' (45m)
Knockouts	0.5" (x6)
Battery	Available



MX (Medium Hyper Drive Remote Canopy)

300W / 4 Drivers Max.

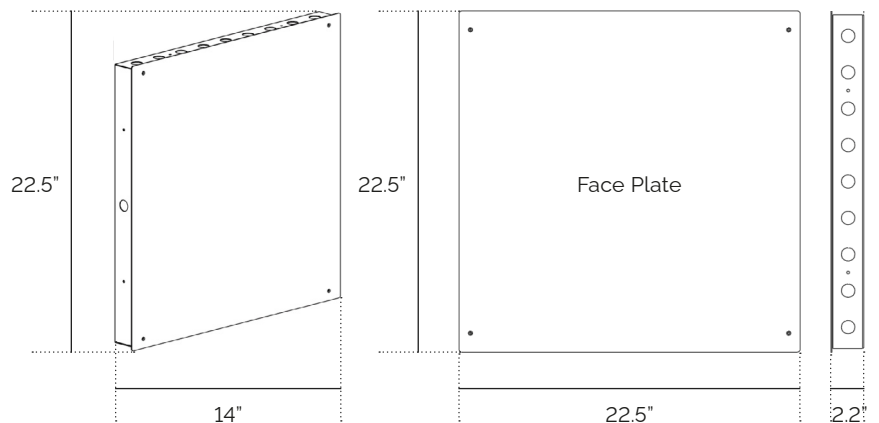
Driver Form Factor	Linear
Input Rating	120-277V
Outputs	Up to 4 (300W max)
Max. Remote Distance	Up to 150' (45m)
Knockouts	0.5" (x12)
Battery	Available



LX (Large Hyper Drive Remote Canopy)

600W / 8 Drivers Max.

Driver Form Factor	Linear
Input Rating	120-277V
Outputs	Up to 8 (600W max)
Max. Remote Distance	Up to 150' (45m)
Knockouts	0.5" (x20)
Battery	Available



Lumen Packages

Length	Lumens	Input Wattage	LPW
4'	3000	30	100
8'	6000	57	105

NOTE: Based on 3500K CCT. Other CCT available.

Finishes

Standard



PW: White



PB: Black



PS: Silver

Premium Stock



PSF001: Wood 1



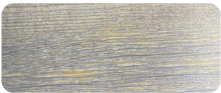
PSF002: Wood 2



PSF003: Wood 3



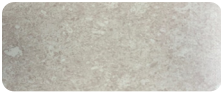
PSF004: Wood 4



PSF005: Wood 5



PSF006: Wood 6



PSF007: Stone 1



PSF008: Stone 2

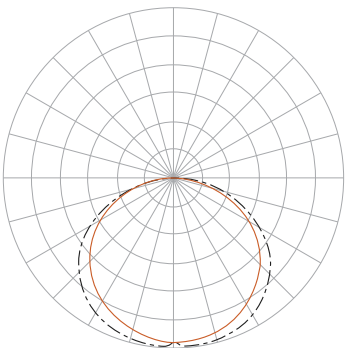


PSF009: Stone 3

NOTE: A minimal impact to lead times will apply to products specified with Premium Stock Finishes (PSF). It is not to be assumed that these finishes are stocked in our warehouse, but rather, are readily available to us for your project.

All other custom finishes (PO) will incur a set up fee and will add an extended lead time to your project.

Distribution

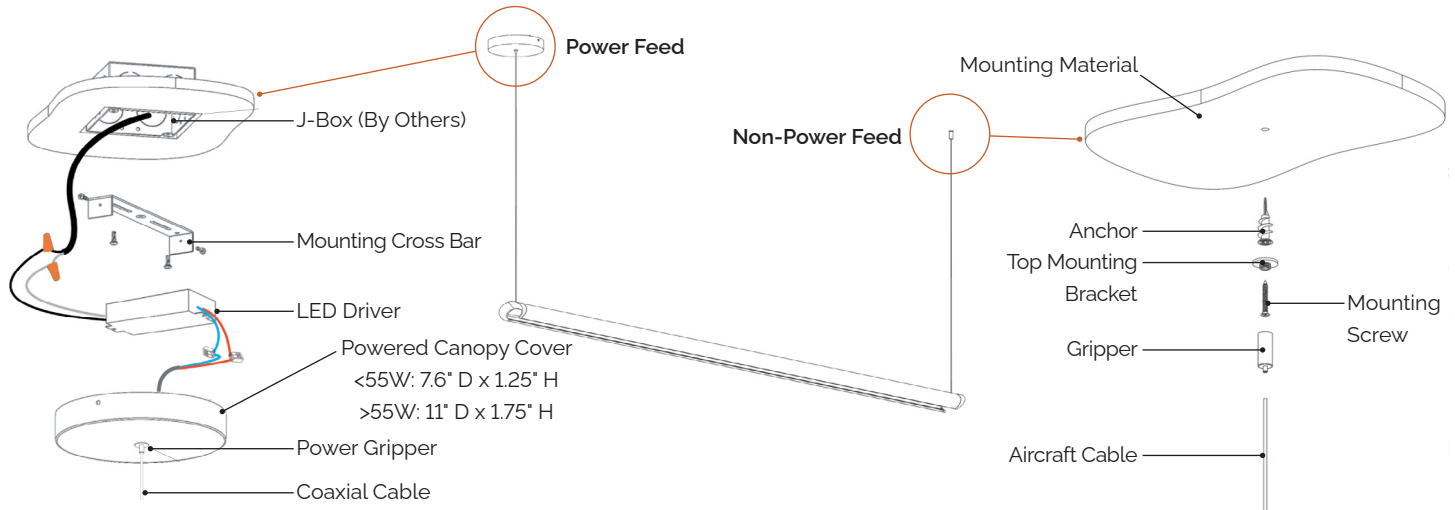


Direct: Indirect Glow (IDGL)

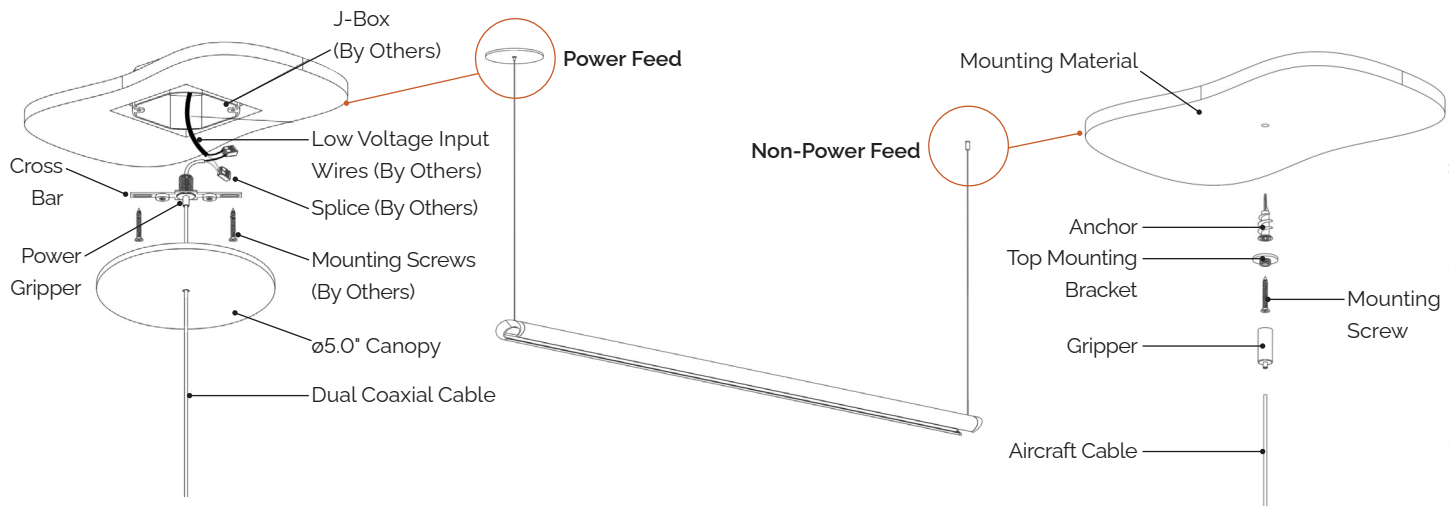
Mounting

2' - 6' Fixtures require one (1) Non-Fed Mount. Fixtures larger than 6' require two (2) Non-Fed Mount.

PCX (Powered Canopy with Included Driver)



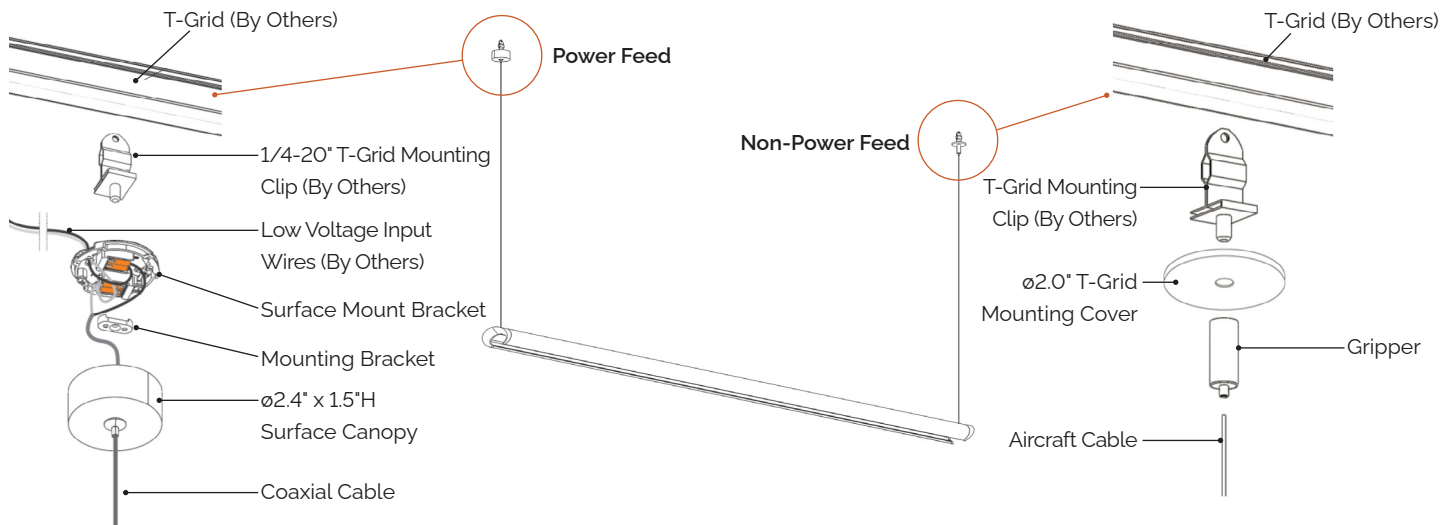
CRX (Canopy Recessed) Requires Hyper Drive



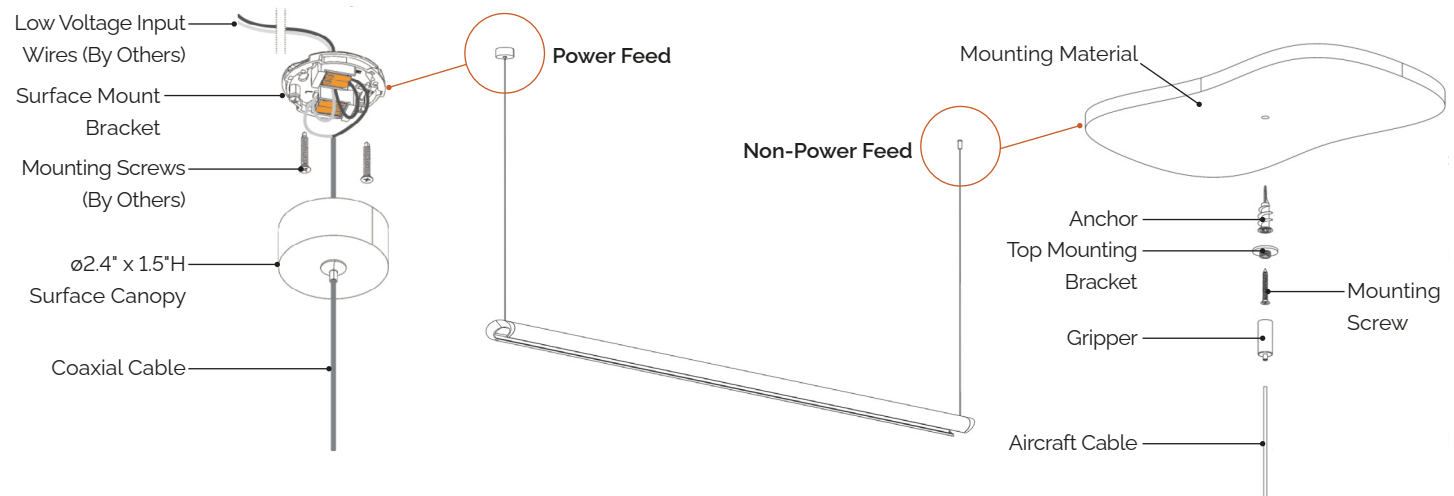
Mounting

2' - 6' Fixtures require one (1) Non-Feed Mount. Fixtures larger than 6' require two (2) Non-Feed Mount.

CTX (Canopy T-Grid) Requires Hyper Drive



CSX (Canopy Surface) Requires Hyper Drive



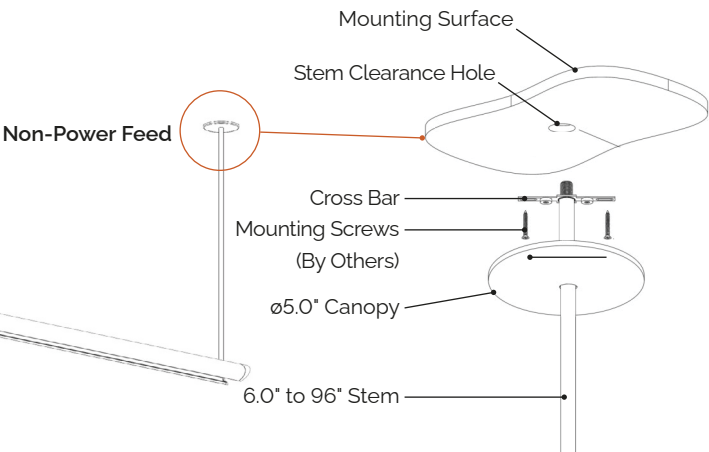
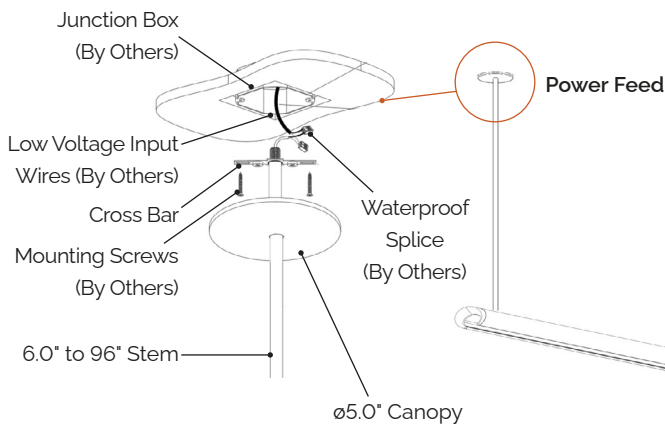
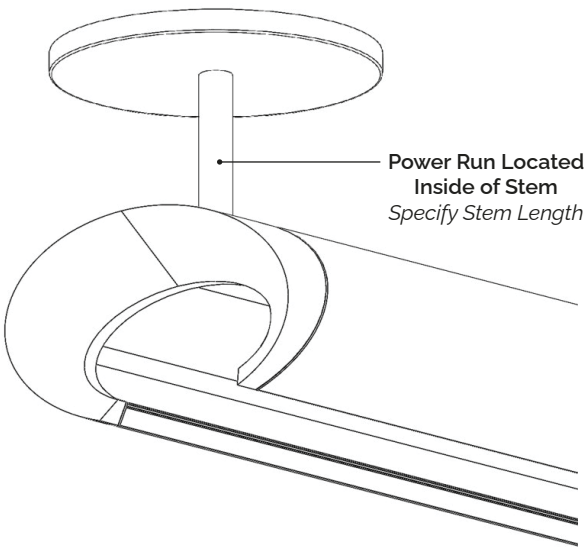
Mounting

STEMXX (Stem Mount)

Requires Hyper Drive

Please specify stem length when ordering. See "Stem Lengths" table for available options.

Stem Length	
Specify stem length in 0.75" shorter when measured from ceiling to fixture.	
STEMXX	Ceiling to Fixture
6"	5.25"
8"	7.25"
9"	8.25"
12"	11.25"
15"	14.25"
18"	17.25"
21"	20.25"
24"	23.25"
27"	26.25"
30"	29.25"
36"	35.25"
42"	41.25"
48"	47.25"
54"	53.25"
60"	59.25"
66"	65.25"
72"	71.25"
78"	77.25"
84"	83.25"
90"	89.25"
96"	95.25"



Wiring Diagram

Wiring configurations are dependent on the options chosen. Below are a few examples of our standard wiring that is used to power the fixture.

1C (Single Circuit)

Wiring		
High Voltage	Low Voltage	
18 GA		
H = Hot	+D(V) = +Dimming	Hot (Black)
N = Neutral	-D(G) = -Dimming	Neutral (White)
GND = Ground	2864	Ground (Green)
		+Dimming (Violet)
		-Dimming (Pink)

1C-EMB (Single Circuit with Emergency Battery)

Wiring		
High Voltage	Low Voltage	
18 GA		
H = Switched	+D(V) = +Dimming	Switched (Black)
N = Neutral	-D(G) = -Dimming	Neutral (White)
GND = Ground	-	Ground (Green)
U = Unswitched	-	Unswitched (Red)
		+Dimming (Violet)
		-Dimming (Pink)

TW-A (Tunable White, 0-10V)

Wiring		
High Voltage	Low Voltage	
18 GA	22 GA	
H = Hot	+D(V) = +Dimming	Switched (Black)
N = Neutral	-D(G) = -Dimming	Neutral (White)
GND = Ground	+CCT = 0-10V Color Control	Ground (Green)
	-CCT = 0-10V Color Control	+Dimming (Violet)
		-Dimming (Pink)
		+Color Control (Violet/White)
		-Color Control (Violet/White)

Continue to Next Page

⚠ Consult Factory for Additional Wiring Options.

Submit With Order

Bill of Materials Guide

How to use: Fill out the worksheet to specify your requirements for your configurations.
Be sure to call out battery and sensor locations.

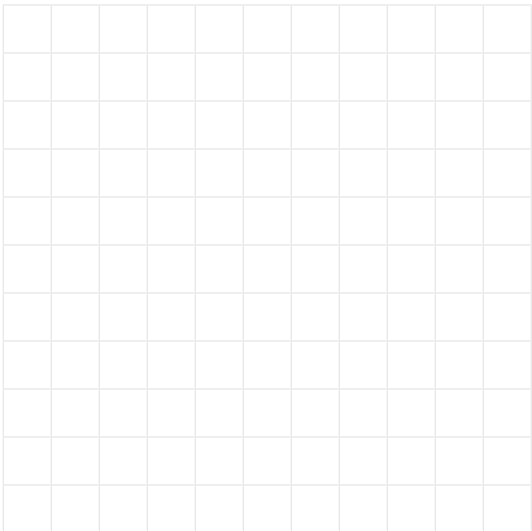
Refer to the run chart for standard run configurations on linear lengths. Consult factory for custom configurations.
Use the order guide to create your BOM for you configuration.

Submit this worksheet along with your order.

Order Guide

Qty.	Type	

Configuration



NOTE: Low voltage power transfer wire between fixture and Hyper Drive Remote Power System provided by others.

Example

Qty.	Type	
3	AEROD-8-750-IDGL-35K-80-PW-CSW-HD01	
2	AEROD-6-750-IDGL-35K-80-PW-CSW-HD01	
1	AEROD-2-750-IDGL-35K-80-PW-CSW-HD01	
1	AEROD-10-750-IDGL-35K-80-PW-CSW-HD01	
1	AEROD-10-750-IDGL-35K-80-PW-CSW-E1-HD02	
1	AEROD-10-750-IDGL-35K-80-PW-CSW-HD02	
1	HYPD-L8-NB-R-PW-U-DTZ-HD01	
1	HYPD-M3-1EMB6-R-PW-U-DTZ-HD02	

Example Configuration

