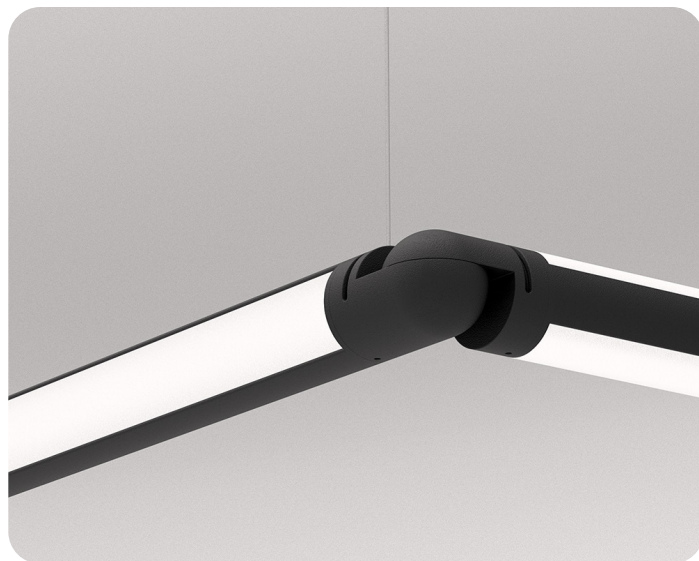
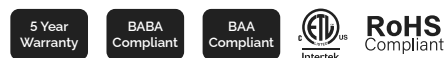


Micro Optimo Flex Suspended

Direct / Indirect

Key Features

- Extruded aluminum single piece housing
- Soft diffuse direct lighting
- Toolless height adjustment at the ceiling
- 0-10V dimming to 1% is standard
- 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: 1.5" x 1.5"

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 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

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

MOPTFLEX-8S-X-750-SD-35K-80-PW-CRW-HD01

Series	Length ¹	Plane ²	Direct Output ³	Indirect Output ³	Distribution
MOPTFLEX					SD
	XS - Length Start	X - X Plane	350 - 350 LPF	350 - 350 LPF	SD - SatinIce Diffuse
	XM - Length Middle	Y - Y Plane	500 - 500 LPF	500 - 500 LPF	
	XE - Length End	Z - Z Plane	750 - 750 LPF	750 - 750 LPF	
			XXX - Custom LPF	XXX - Custom LPF	

CCT	CRI	Finish ⁴	Mounting	Remote Option ^{6,7}	Hyper Drive Circuit ^{8,9}
27K - 2700K	80 - 80 CRI	Standard Powder Coat	Powered Canopy⁵	EX - EM Battery Designated Fixture	HDX - Hyper Drive Circuit
30K - 3000K	90 - 90 CRI (R9 50 min)	PW - White	PCW - Powered Canopy White		
35K - 3500K		PB - Black	PCB - Powered Canopy Black		
40K - 4000K		PS - Silver			
50K - 5000K		Premium	Canopy Recessed⁶		
		RALXXXX - Powder Coat Gloss Finish	CRW - Canopy Recessed White		
		PSFX - Premium Stock Finish	CRB - Canopy Recessed Black		
		Custom Powder Coat	Canopy T-Grid⁶		
		PO - Powder Other	CTW - Canopy T-Grid White		
			CTB - Canopy T-Grid Black		
			Canopy Surface⁶		
			CSW - Canopy Surface White		
			CSB - Canopy Surface Black		

Ordering Notes

1. Replace 'X' with fixture length. Lengths over 8' require one canopy and power feed per 8' section.
2. Refer to plane image below to specify.
3. 200 LPF min. output / 1500 LPF max. output.

4. See page 5 for standard options.
5. 120-277V driver included. 50W max. dual driver required.
6. **Must be ordered with Hyper Drive Remote Driver.**
7. Specify quantity in 'X'. (ex: 3 batteries = "E3")

8. Not required with the Powered Canopy mounting.
9. See pages 3-4 for more information.

Flex Hub Ordering Logic

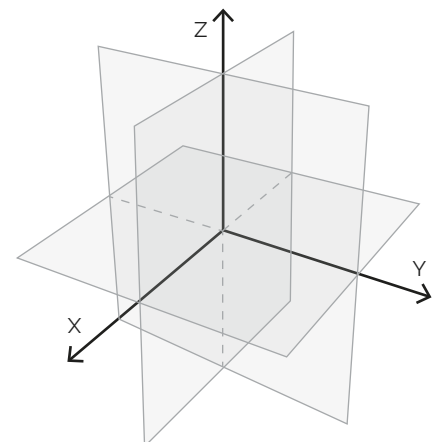
MOPTFLEX-2X-PW

Series	Hub Connection ¹	Finish ²
MOPTFLEX	2X	
	2X - Two-Way Hub	Standard Powder Coat
		PW - White
		PB - Black
		PS - Silver
		Premium
		RALXXXX - Powder Coat Gloss Finish
		Custom Powder Coat
		PO - Powder Other

Ordering Notes

1. Hub can bend 0° to 180°.
2. See page 3 for standard and premium options.

Plane Image



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

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

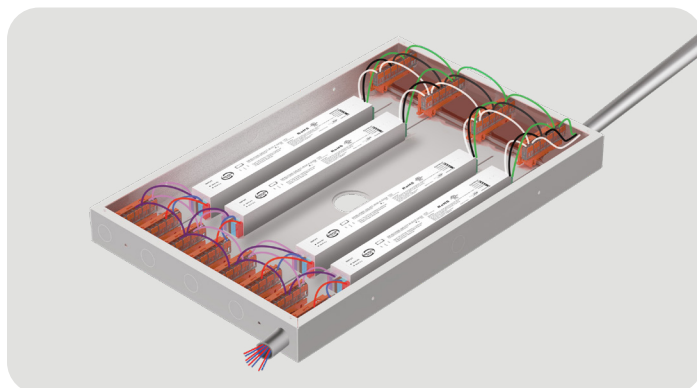
Reference chart for recommended maximum lengths of low voltage cable ran from Hyper Drive to fixture.

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

Configurations

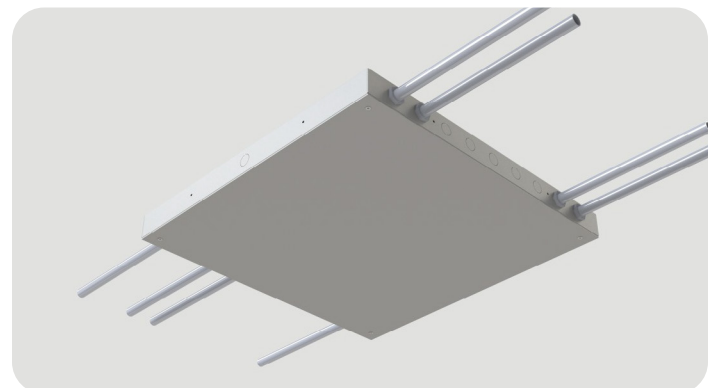
M4 Configuration (Shown without front cover)

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.

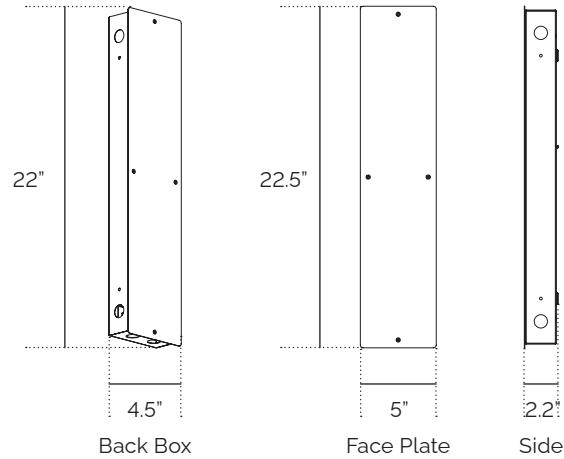


Hyper Drive Remote Power System

SX (Small Hyper Drive Remote Canopy)

190W / 2 Drivers Max.

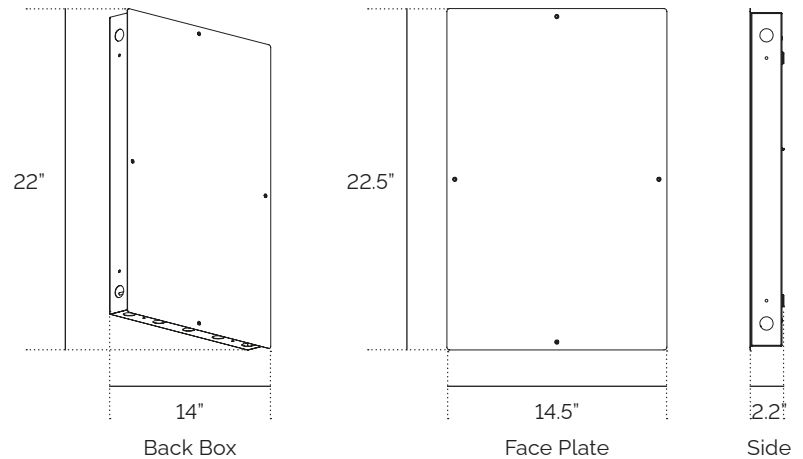
Driver Form Factor	Linear
Input Rating	120-277V
Outputs	Up to 2 (190W max)
Max. Remote Distance	Up to 150' (45m)
Knockouts	0.5" (x6)
Battery	Available



MX (Medium Hyper Drive Remote Canopy)

300W / 4 Drivers Max.

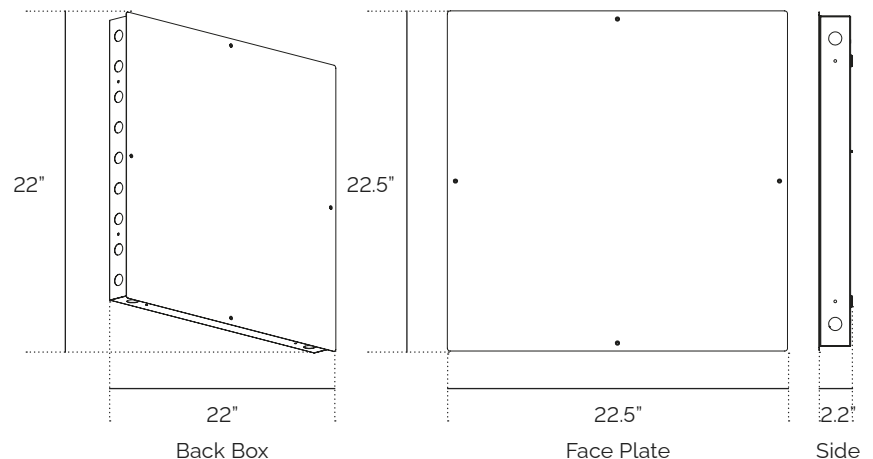
Driver Form Factor	Linear
Input Rating	120-277V
Outputs	Up to 4 (300W max)
Max. Remote Distance	Up to 150' (45m)
Knockouts	0.5" (x12)
Battery	Available



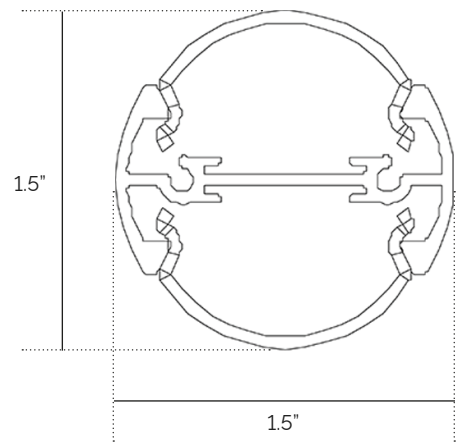
LX (Large Hyper Drive Remote Canopy)

600W / 8 Drivers Max.

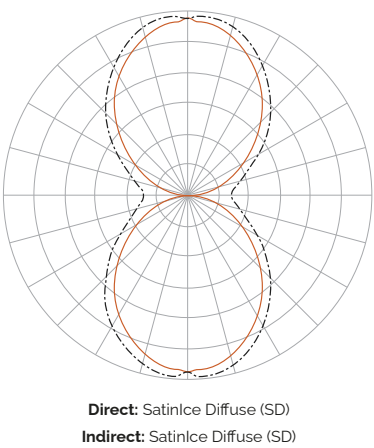
Driver Form Factor	Linear
Input Rating	120-277V
Outputs	Up to 8 (600W max)
Max. Remote Distance	Up to 150' (45m)
Knockouts	0.5" (x20)
Battery	Available



Dimensions



Distribution



Finishes

Standard



PW: White



PB: Black



PS: Silver

Premium Stock



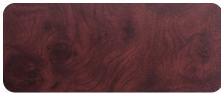
PSF001: Wood 1



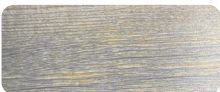
PSF002: Wood 2



PSF003: Wood 3



PSF004: Wood 4



PSF005: Wood 5



PSF006: Wood 6



PSF007: Stone 1



PSF008: Stone 2



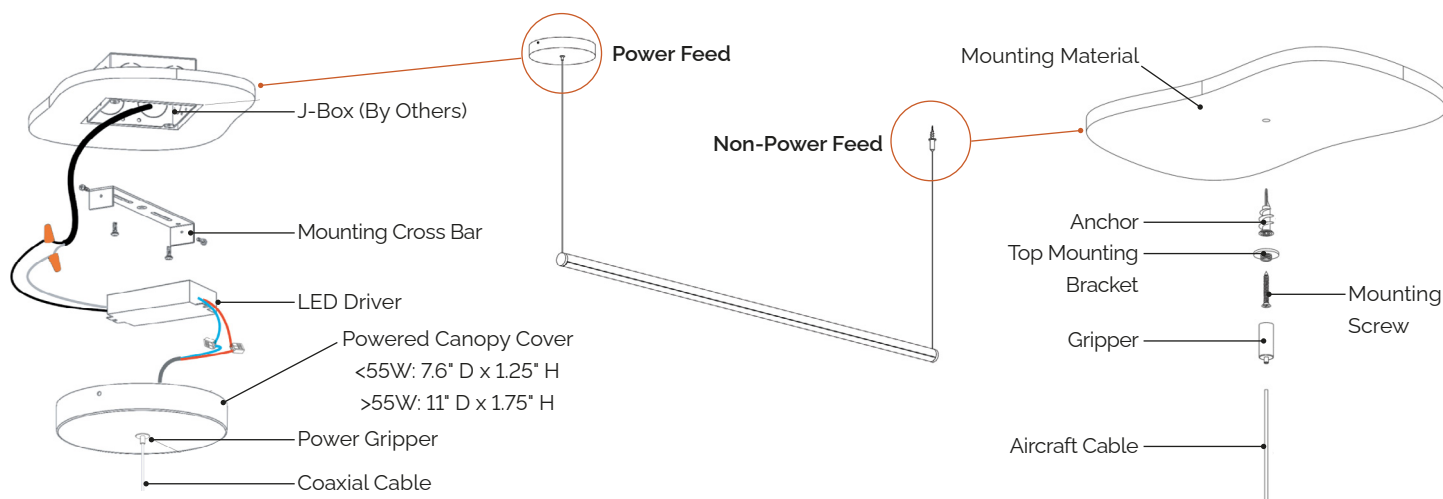
PSF009: Stone 3

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.

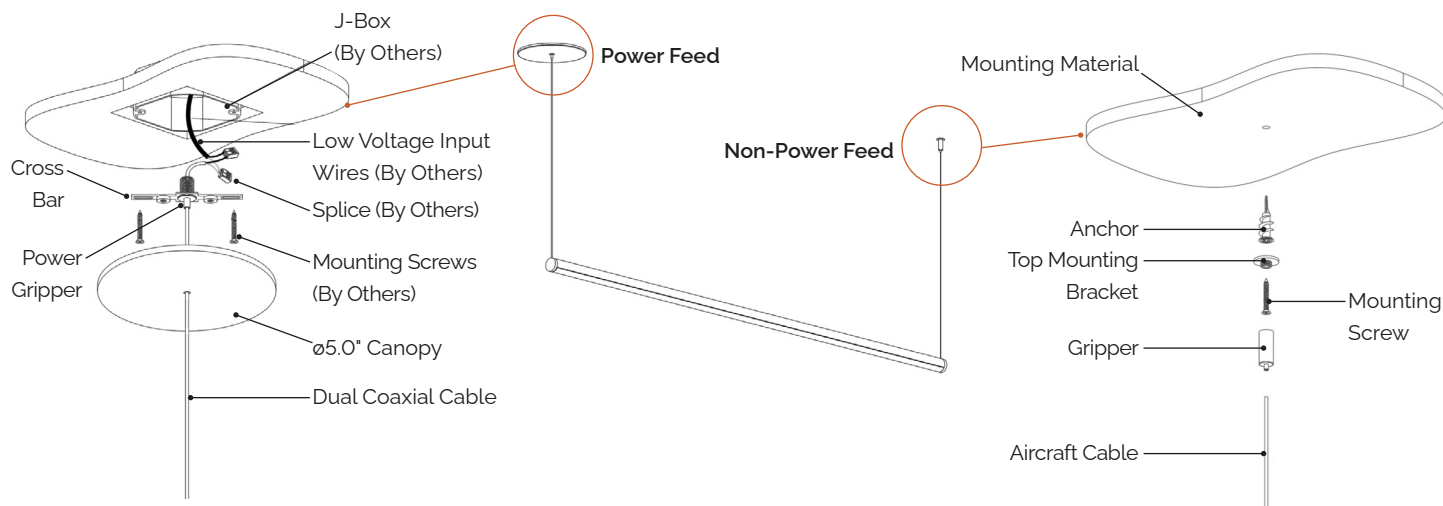
Mounting

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

PCX (Powered Canopy with Included Driver)



CRX (Canopy Recessed) Requires Hyper Drive

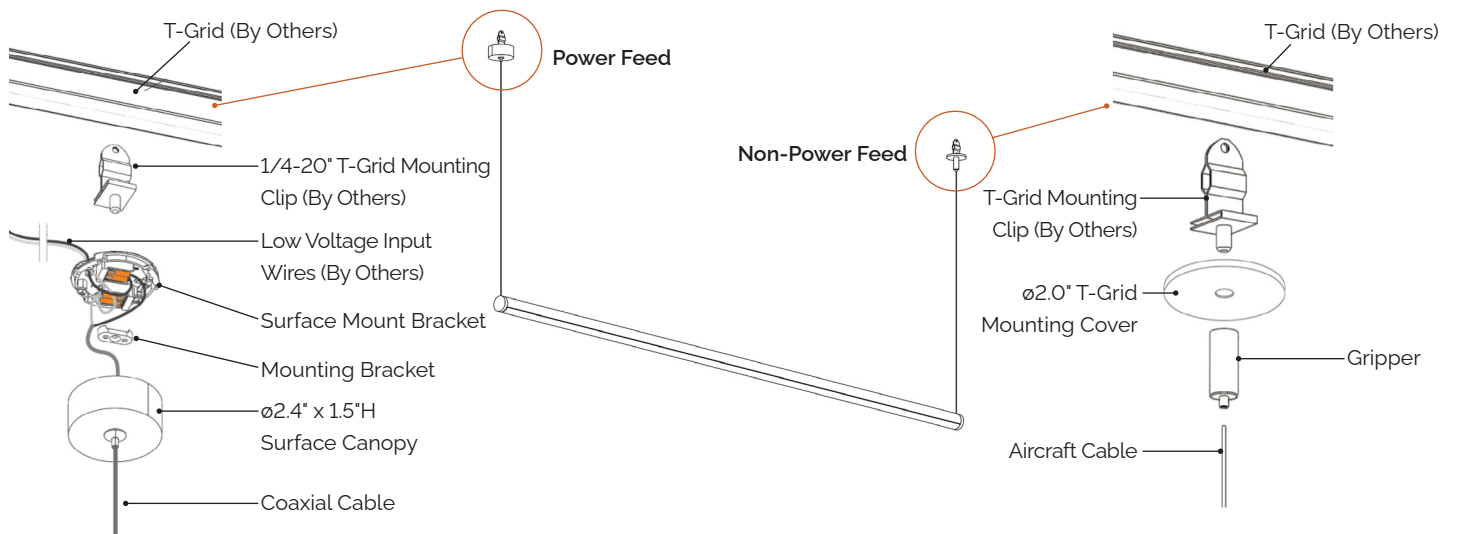


Mounting

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

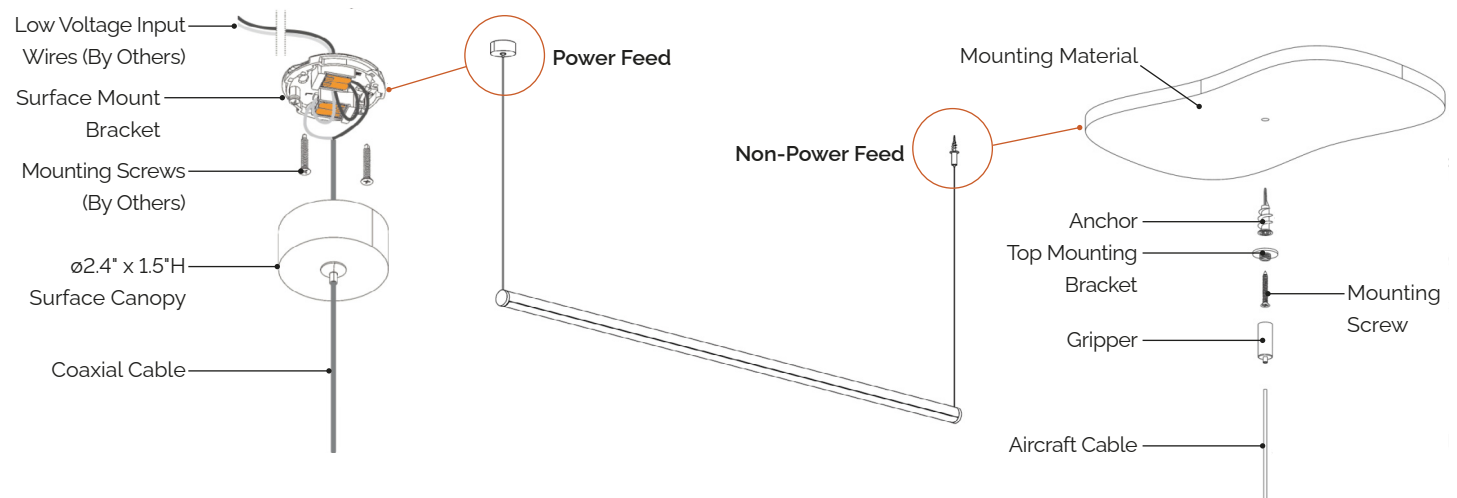
CTX (Canopy T-Grid)

Requires Hyper Drive



CSX (Canopy Surface)

Requires Hyper Drive



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.

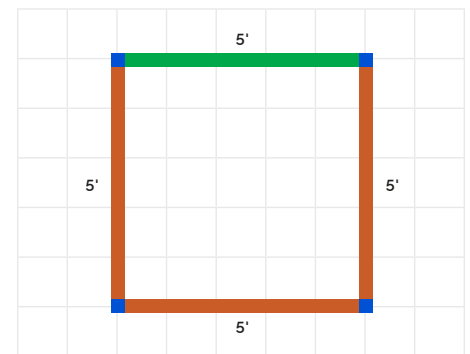
Use the order guide to create your BOM for you configuration.

Submit this worksheet along with your order.

Example 1

Qty.	Type	
1	MOPTFLEX-5S-X-350-350-SD-35K-80-PW-PCW-HDO1	
3	MOPTFLEX-5M-X-350-350-SD-35K-80-PW-PCW-HDO1	
4	MOPTFLEX-2X-PW	

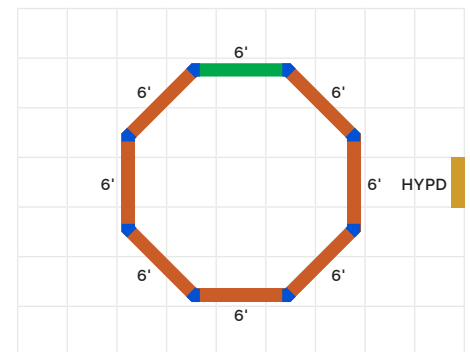
Example 1 Configuration



Example 2

Qty.	Type	
1	MOPTFLEX-6S-X-500-500-SD-35K-80-PW-CRW-HDO1	
7	MOPTFLEX-6M-X-500-500-SD-35K-80-PW-CRW-HDO1	
8	MOPTFLEX-2X-PW	
1	HYPD-L8-NB-R-PW-DTZ-HDO1	

Example 2 Configuration



Example 3

Qty.	Type	
1	MOPTFLEX-6S-Y-350-350-SD-35K-80-PW-CSW-HDO1	
2	MOPTFLEX-6M-X-350-350-SD-35K-80-PW-CSW-HDO1	
1	MOPTFLEX-3M-Z-350-350-SD-35K-80-PW-CSW-HDO1	
2	MOPTFLEX-8M-Y-350-350-SD-35K-80-PW-CSW-E1-HDO1	
5	MOPTFLEX-2X-PW	
1	HYPD-L6-2EMB10-S-PW-DTZ-HDO1	

Example 3 Configuration

