

Micro Beam Shape Suspended

Direct

Key Features

- Extruded aluminum single piece housing
- Toolless height adjustment at the ceiling
- Continuous lensing standard – runs up to 100'
- 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: 1.3" x 1.3"

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'
- Using internal joiners, sections can be joined to form longer, continuous rows.

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
- THD: <20%
- Max load: 87% efficiency

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

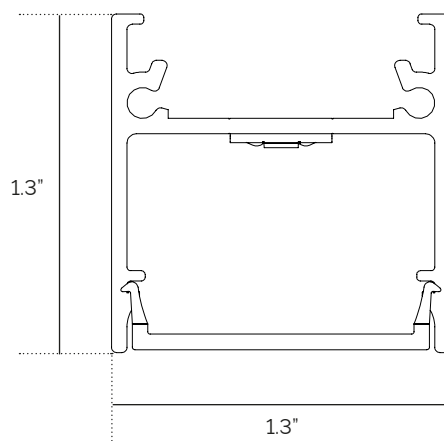
MBEAM-4X6RECT-750-SD-35K-80-PW-CSW-1C-HD01

Series	Length ¹	Direct Output ²	Direct Distribution	CCT	CRI
MBEAMD					
	_X_RECT - Rectangle	250 - 250 LPF	SD - SatinIce Diffuse	27K - 2700K	80 - 80 CRI
	_X_L - L-Shape	500 - 500 LPF	WD - Wide Diffuse	30K - 3000K	90 - 90 CRI (R9 50 min)
	_X_H - Hexagon	750 - 750 LPF	WW - Wall Wash	35K - 3500K	
	_X_X_U - U-Shape	1000 - 1000 LPF		40K - 4000K	
	XXX - Custom LPF			50K - 5000K	
				TW - Tunable White ^{3,4} (2700K-6500K)	
Finish ⁴	Mounting		Circuiting	Remote Option ⁷	Hyper Drive Circuit ^{8,9}
			1C		
Standard Powder Coat	Powered Canopy⁵	Canopy T-Grid⁶	1C - Single Circuit	EX - EM Battery Designated Fixture	HDXX - Hyper Drive Circuit
PW - White	PCW - Powered Canopy White	CTW - Canopy T-Grid White			
PB - Black	PCB - Powered Canopy Black	CTB - Canopy T-Grid Black			
PS - Silver	Canopy Recessed⁶	Canopy Surface⁶			
Premium	CRW - Canopy Recessed White	CSW - Canopy Surface White			
RALXXXX - Powder Coat Gloss Finish	CRB - Canopy Recessed Black	CSB - Canopy Surface Black			
PSFX - Premium Stock Finish					
Custom Powder Coat					
PO - Powder Other					

Ordering Notes

1. Replace underscore (_) with fixture leg length. See page 8.
2. 200 LPF min. output / 1500 LPF max. output.
3. Tunable White Driver must be specified in options.
4. Must be ordered with Hyper Drive Remote Driver.
5. See page 5 for standard and premium options.
6. 120-277V driver included. 50W max. dual driver required.
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.

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

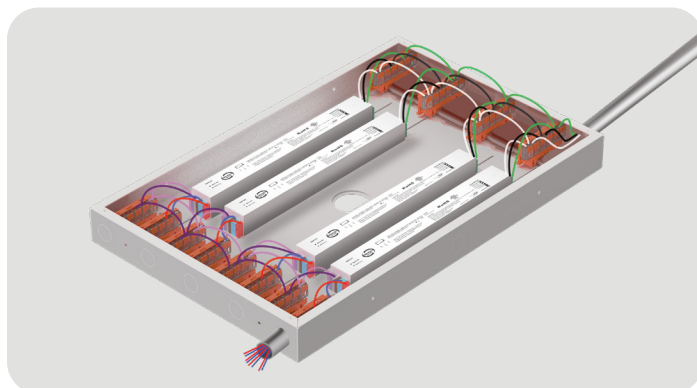
Reference chart for recommended maximum lengths of low voltage cable ran from Hyper Drive to fixture.

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

Configurations

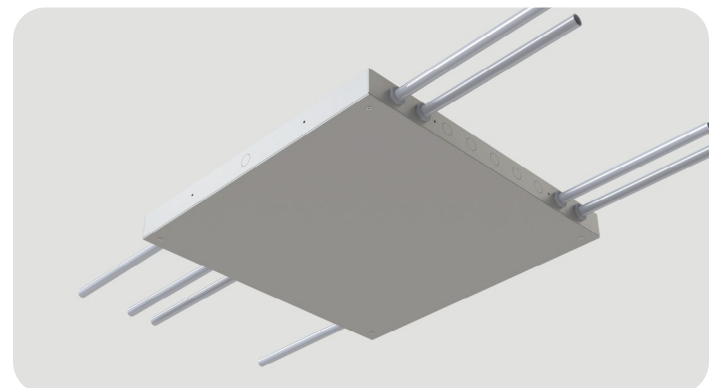
M4 Configuration (Shown without front cover)

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.

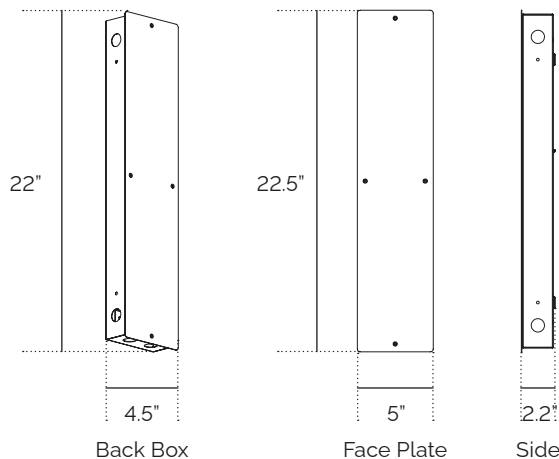


Hyper Drive Remote Power System

SX (Small Hyper Drive Remote Canopy)

190W / 2 Drivers Max.

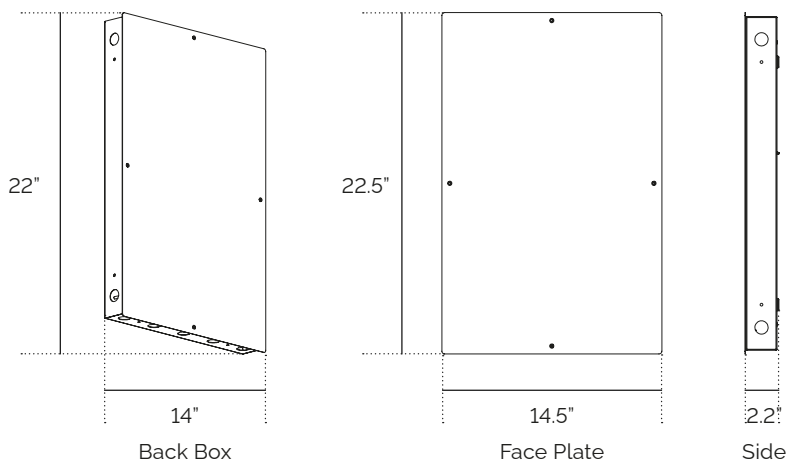
Driver Form Factor	Linear
Input Rating	120-277V
Outputs	Up to 2 (190W max)
Max. Remote Distance	Up to 150' (45m)
Knockouts	0.5" (x6)
Battery	Available



MX (Medium Hyper Drive Remote Canopy)

300W / 4 Drivers Max.

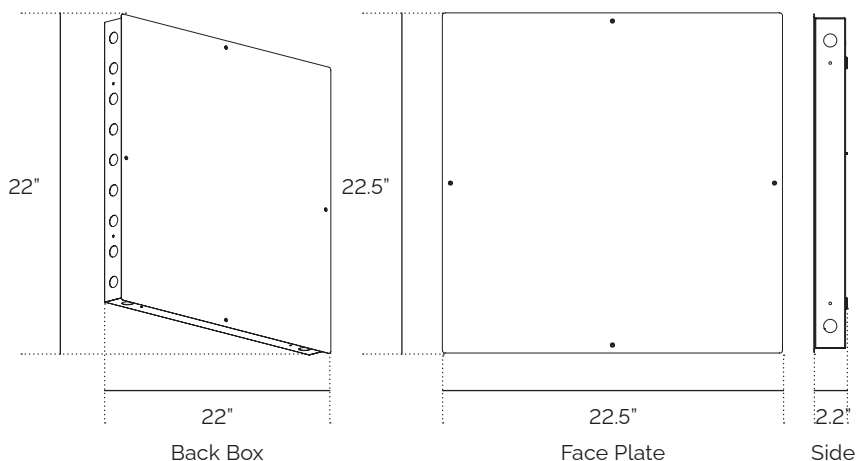
Driver Form Factor	Linear
Input Rating	120-277V
Outputs	Up to 4 (300W max)
Max. Remote Distance	Up to 150' (45m)
Knockouts	0.5" (x12)
Battery	Available



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	34	98
8'	6000	54	110

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

Finishes

Standard



PW: White



PB: Black



PS: Silver

Premium Stock



PSF001: Wood 1



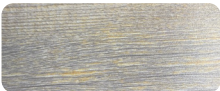
PSF002: Wood 2



PSF003: Wood 3



PSF004: Wood 4



PSF005: Wood 5



PSF006: Wood 6



PSF007: Stone 1



PSF008: Stone 2

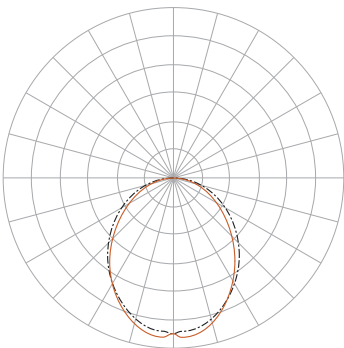


PSF009: Stone 3

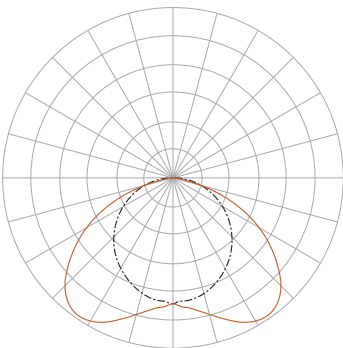
NOTE: A minimal impact to lead times will apply to products specified with Premium Stock Finishes (PSF). It is not to be assumed that these finishes are stocked in our warehouse, but rather, are readily available to us for your project.

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

Distribution



Direct: SatinIce Diffuse (SD)

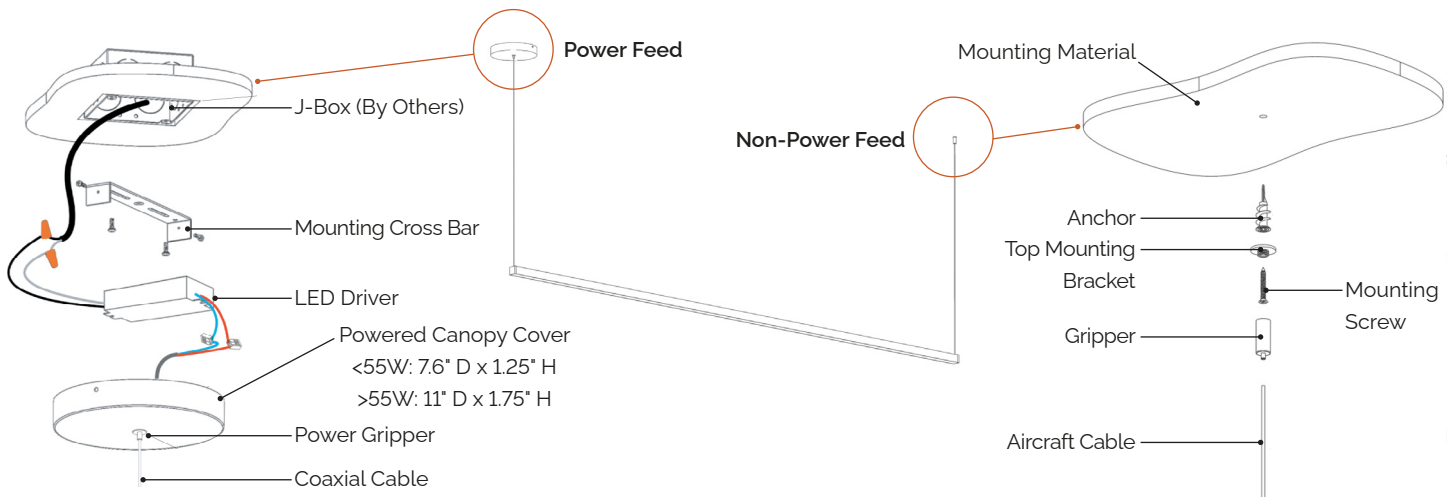


Direct: Wide Diffuse (WD)

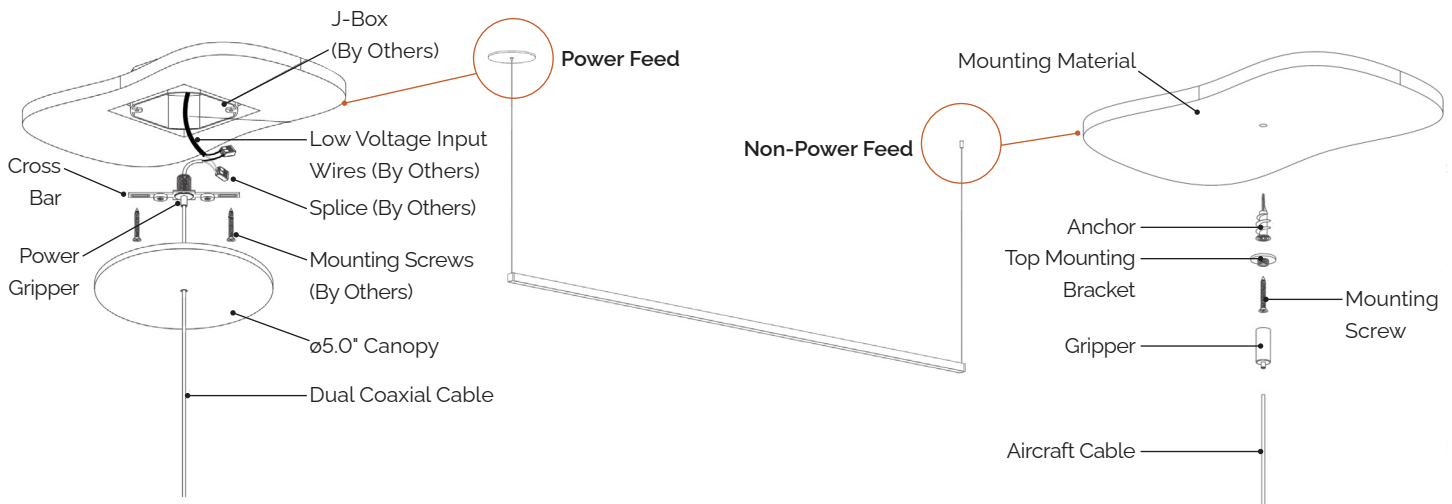
Mounting

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

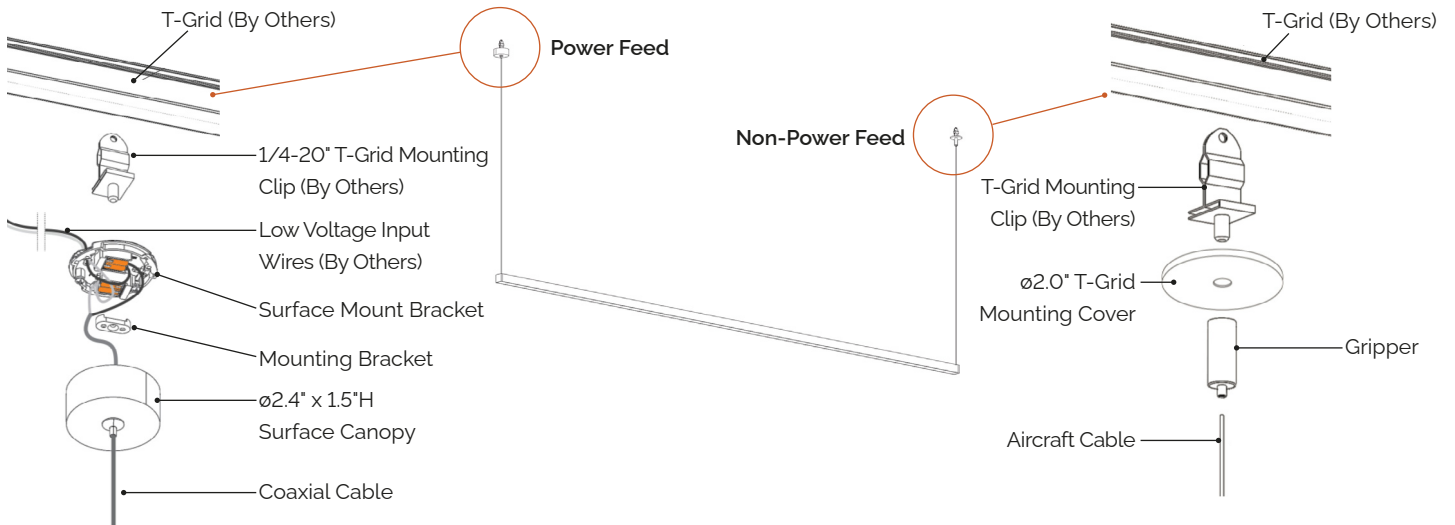


Mounting

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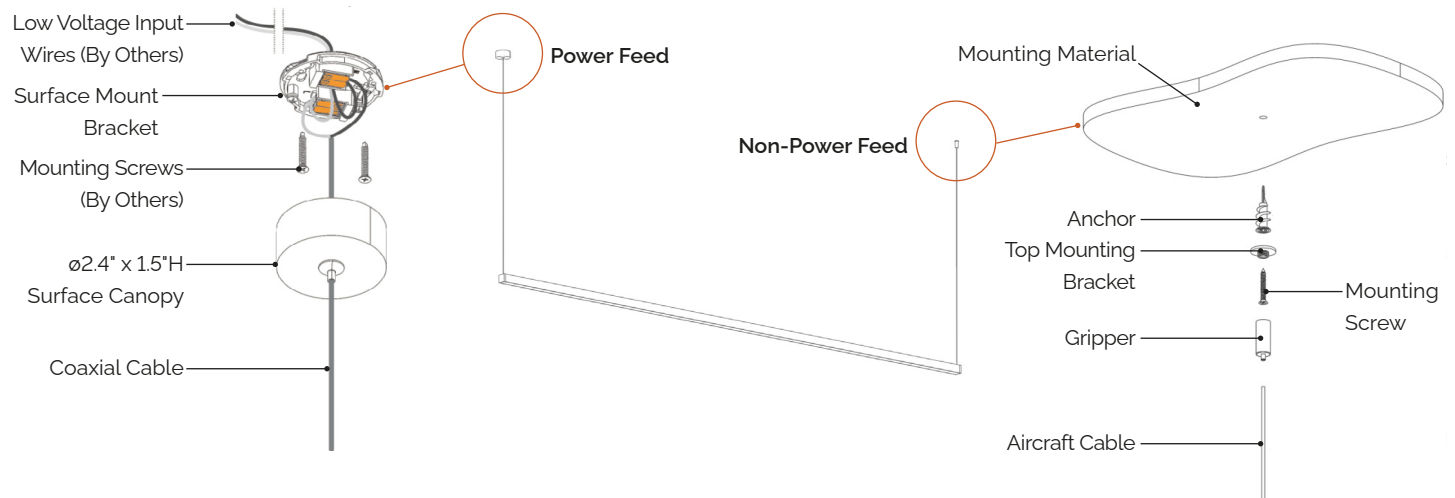
CTX (Canopy T-Grid)

Requires Hyper Drive



CSX (Canopy Surface)

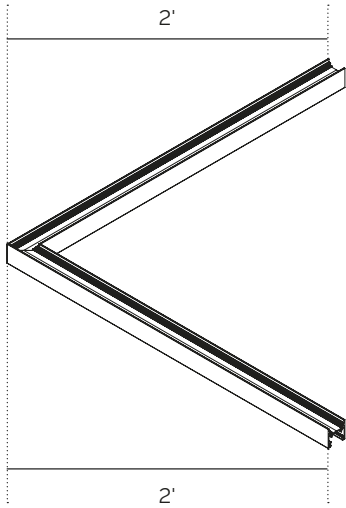
Requires Hyper Drive



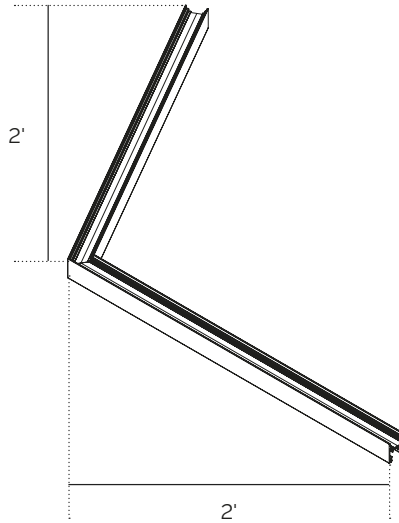
Shape Configuration

Joint Shape Configuration with Miter Cuts

2' x 2' fixtures with lit corners.



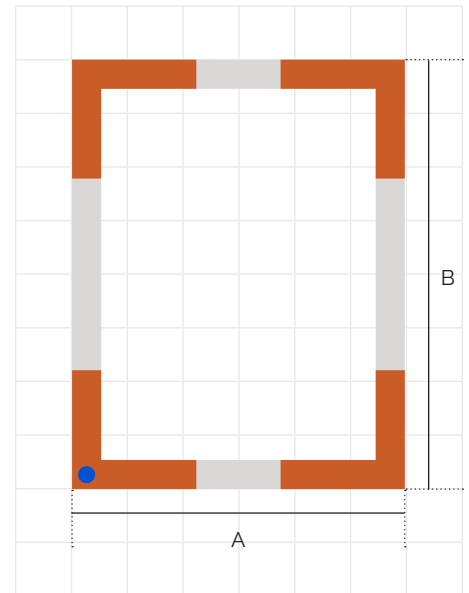
90° Corner



60° Corner (for Hexagon Shapes)

Rectangle (_X_RECT)

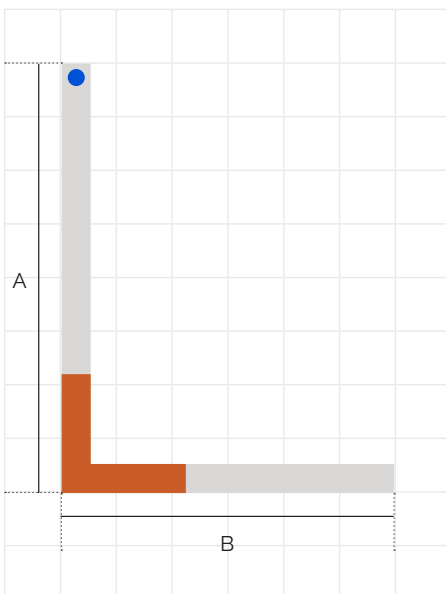
Provide AxB dimensions



● Power Location

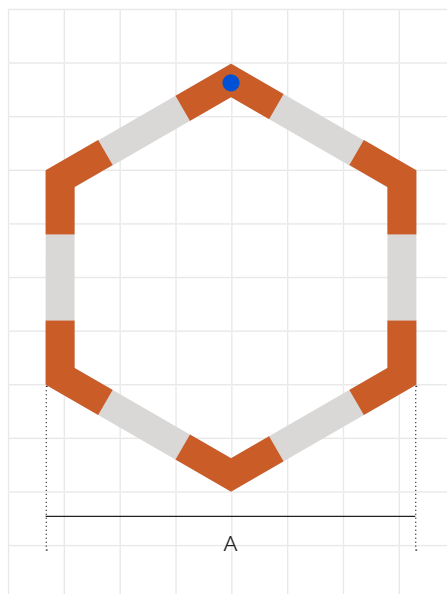
L-Shape (_X_L)

Provide AxB dimensions



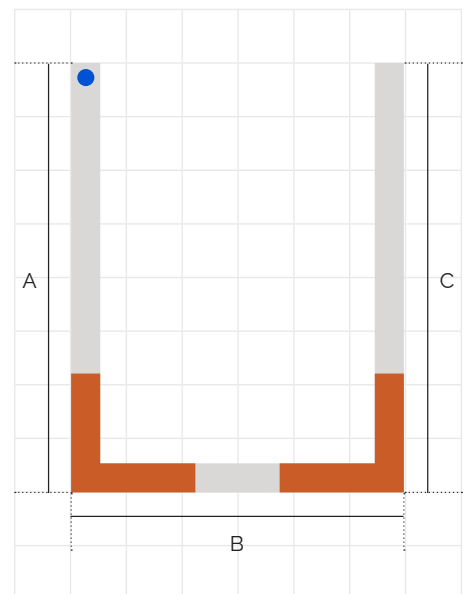
Hexagon (_X_H)

Provide A dimension



U-Shape (_X_X_U)

Provide AxBxC dimensions



● Power Location



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.

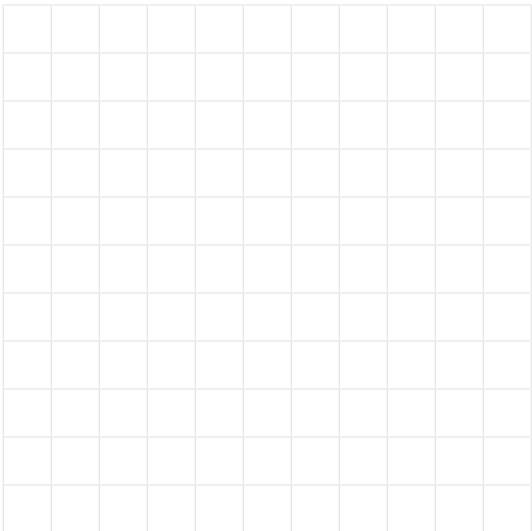
Refer to the run chart for standard run configurations on linear lengths. Consult factory for custom configurations.
Use the order guide to create your BOM for you configuration.

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	MBEAMD-8-750-SD-35K-80-PW-CSW-1C-HD01
1	MBEAMD-6-750-SD-35K-80-PW
1	MBEAMD-2-750-SD-35K-80-PW-HD02
1	MBEAMD-6-750-SD-35K-80-PW-CSW-1C-HD02
1	MBEAMD-6-750-SD-35K-80-PW-CSW-1C-E1-HD02
1	HYPD-L5-NB-PW-DTZ-HD01
1	HYPD-M2-1EMB6-PW-DTZ-HD02

Example Configuration

