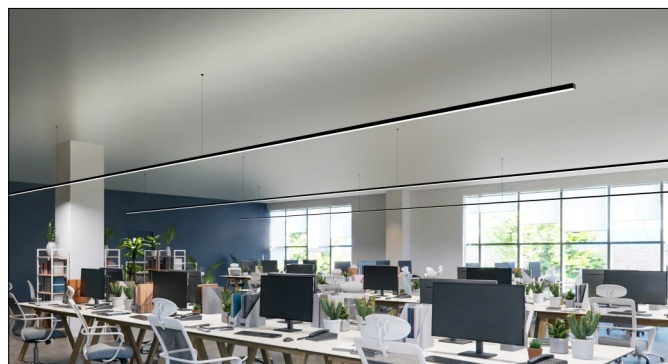
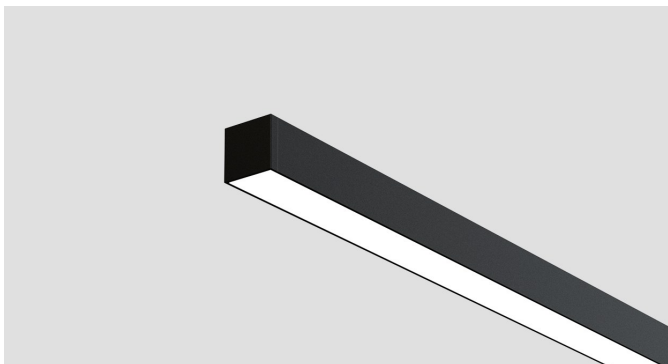
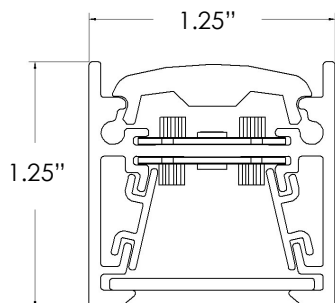


Type:	
Project:	
REP/Agent:	
Order #:	

## MICRO BEAM DIRECT/INDIRECT



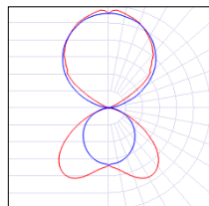
### DIMENSIONS



### FEATURES

- ★ Soft diffused direct illumination in a sleek modern minimalist style.
- ★ Thermally efficient extruded aluminum single piece housing
- ★ 4' and 8' individual units, or custom lengths
- ★ Toolless height adjustment at the ceiling
- ★ Efficacy up to 120 lm/W
- ★ Textured powder coat finishes available in white, black, and silver
- ★ Premium finishes also available
- ★ Approved for dry and damp locations
- ★ 0-10v dimming is standard
- ★ Dim to 1% of output current is standard
- ★ 120-277V for power enclosure
- ★ 90 CRI (R9 50 min) available
- ★ 5 year system warranty
- ★ Class 2 input for luminaire
- ★ Three power choices of Hyperdrive remote power system

### DISTRIBUTION



Direct: WD= Wide Diffuse  
Indirect: CL= Clear

### LUMEN PACKAGES

Based on 3500K CCT. Other CCT available.

MODEL	LUMENS	INPUT WATTS	Lm/W
MBEAMDI-4-750-500-SD-CL-35K	5,000	46	108
MBEAMDI-8-750-500-SD-CL-35K	10,000	87	115



Type:	
Project:	
REP/Agent:	
Order #:	

# MICRO BEAM DIRECT/INDIRECT

MBEAMDI					
SERIES	LENGTH	DIRECT LUMENS PER FOOT	INDIRECT LUMENS PER FOOT	DIRECT DISTRIBUTION	INDIRECT DISTRIBUTION
<b>MBEAMDI</b>	<b>4=</b> 4FT	<b>350=</b> 350 LPF	<b>350=</b> 350 LPF	<b>SD=</b> SatinIce Diffuse	<b>CL=</b> Clear Lens
	<b>8=</b> 8FT	<b>500=</b> 500 LPF	<b>500=</b> 500 LPF	<b>WD=</b> Wide Diffuse	<b>BW=</b> Batwing
	<b>xx=</b> Custom length	<b>750=</b> 750 LPF	<b>750=</b> 750 LPF		
	<b>Sxx=</b> Symmetric Run Length	<b>1000=</b> 1000 LPF	<b>1000=</b> 1000 LPF		
	<b>_x_RECT=</b> Rectangle	<b>XXX=</b> Custom LPF	<b>XXX=</b> Custom LPF		
	<b>_x_L=</b> L-Shape				
	<b>_x_H=</b> Hexagon				
	<b>_x_x_U=</b> U-Shape				

CCT	CRI	FINISH	MOUNTING (See Page 6-8 for Options)	ELECTRICAL
<b>30K=</b> 3000K	<b>80=</b> 80	<b>STANDARD</b>	<b>POWERED CANOPY</b> (Driver included, 120-277V) <sup>3</sup>	<b>1C=</b> Single Circuit
<b>35K=</b> 3500K	<b>90=</b> 90 (R9 50 min)	<b>PW=</b> Powder Coat White	<b>PCW=</b> Powered Canopy White	<b>2C=</b> Separate D/I Circuits
<b>40K=</b> 4000K		<b>PB=</b> Powder Coat Black	<b>PCB=</b> Powered Canopy Black	(separate control of direct and indirect)
<b>50K=</b> 5000K		<b>PS=</b> Powder Coat Silver		
		<b>PREMIUM</b>		
		<b>PSFx=</b> Premium Stock Finish		
		<b>RALxxx=</b> Powder Coat RALxxx		
		<b>CUSTOM</b>		
		<b>PO=</b> Powder Coat Other*		
		See pg. 8 for standard and premium options.		
			<b>CANOPY RECESSED</b> <b>CRW=</b> Canopy Recessed White <b>CRB=</b> Canopy Recessed Black  <b>CANOPY T-GRID</b> <b>CTW=</b> Canopy T-Grid White <b>CTB=</b> Canopy T-Grid Black  <b>CANOPY SURFACE</b> <b>CSW=</b> Canopy Surface White <b>CSB=</b> Canopy Surface Black	
			<b>*Items in grey box require Hyperdrive Remote Driver*</b>	

REMOTE OPTIONS	HYPERDRIVE CIRCUIT
<b>Ex=</b> EM Battery designated fixture (Ordered with Hyperdrive) Replace X with battery Qty. Not available with Powered Canopy, Consult factory	<b>HDxx=</b> HyperDrive Circuit Not required for the Powered Canopy configuration

EXAMPLE: MBEAMDI-4-750-500-SD-CL-35K-80-PW-CSW-HD01

<sup>1</sup> Requires Hyperdrive Remote Driver  
<sup>2</sup> Tunable White Driver must be specified  
<sup>3</sup> 50W Max. Dual driver required

Type:	
Project:	
REP/Agent:	
Order #:	

# HYPER DRIVE REMOTE POWER SYSTEM

HYPD				
SERIES	SIZE / DRIVER QTY	EMERGENCY BATTERY (OPTIONAL)	MOUNTING	FINISH
HYPD	<p>Replace x with driver quantity</p> <p><b>Sx</b>= Small– up to two drivers (190W)</p> <p><b>Mx</b>= Medium– up to four drivers (300W)</p> <p><b>Lx</b>= Large– up to eight drivers (600W)</p>	<p>Replace # with battery quantity</p> <p><b>NB</b>= No Emergency Battery</p> <p><b>#EMB6</b>= 6W EM Battery (Iota/Bodine)</p> <p><b>#EMB10</b>= 10W EM Battery (Iota/Bodine)</p> <p><b>#CEMB10</b>= 10W EM Battery (Factory Choice)</p> <p><i>Note: Batteries are only available in Medium and Large enclosures. Each emergency battery reduces the driver quantity of the Hyper Drive.</i></p>	<p><b>S</b>= Surface/ Strut</p> <p><b>R</b>= Recessed</p>	<p><b>STANDARD</b></p> <p><b>PW</b>= Powder Coat White</p> <p><b>PB</b>= Powder Coat Black</p> <p><b>PREMIUM</b></p> <p><b>RALxxxx</b>= Power Coat</p> <p>RAL xxxx (Gloss Finish)</p>

VOLTAGE	OPTIONS	HYPERDRIVE CIRCUIT
U= 120-277	<p><b>SPECIALTY DRIVERS</b> (Standard driver is 0-10V, dim to 1% output current)</p> <p><b>DT1</b>= eldoLED EcoDrive Dim to 1% (0-10V)</p> <p><b>DTZ</b>= eldoLED SoloDrive Dim to 0.1% (0-10V)</p> <p><b>PSRD</b>= Signify Sensor Ready (DALI) Driver</p> <p><b>LDE1</b>= Lutron Hi-Lume EcoSystem LED driver w/ Soft-on, Fade-to-Black</p> <p><b>TW-A</b>= Tunable White, 0-10v</p> <p><b>TW-EL</b>= eldoLED DUALdrive Tunable White (DALI)</p> <p>Consult factory for additional driver options</p> <p><i>Note: Specialty driver options are not available with the small power-box option, with the exception of TW-A</i></p> <p><b>SENSORS</b></p> <p>Consult factory for options</p> <p><b>OTHERS</b></p> <p><b>CP</b>= Chicago Plenum (CCEA)</p>	HDxx= HyperDrive Circuit

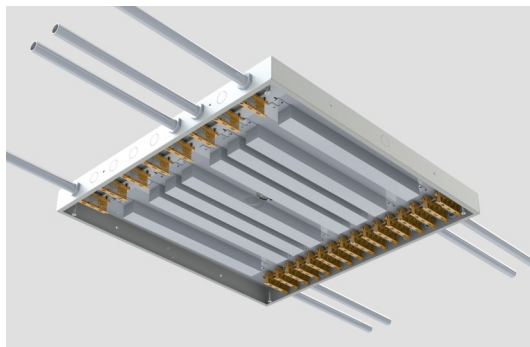
EXAMPLE: HYPD-L8-NB-R-PW-DTZ-HD01

## NOTES & LIMITATIONS

Consult factory for custom configurations and drivers not listed.

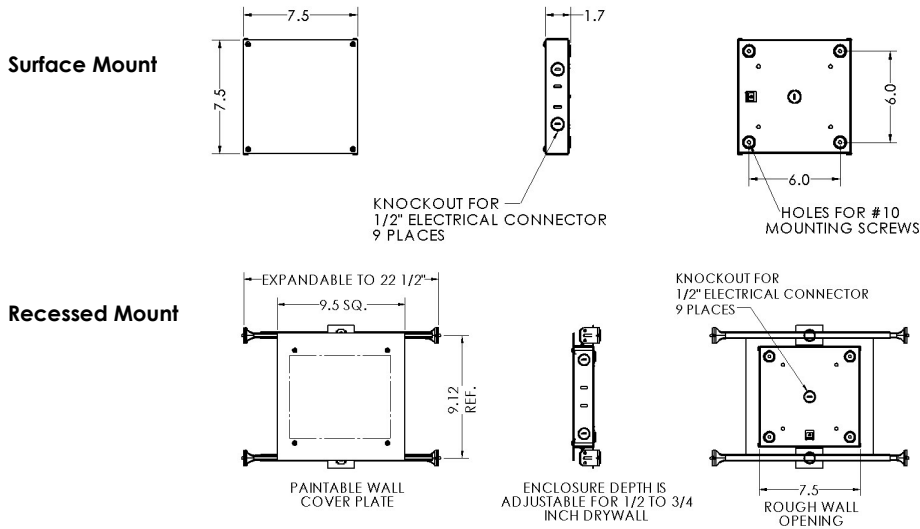
## L8 configuration shown (shown with front cover removed)

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



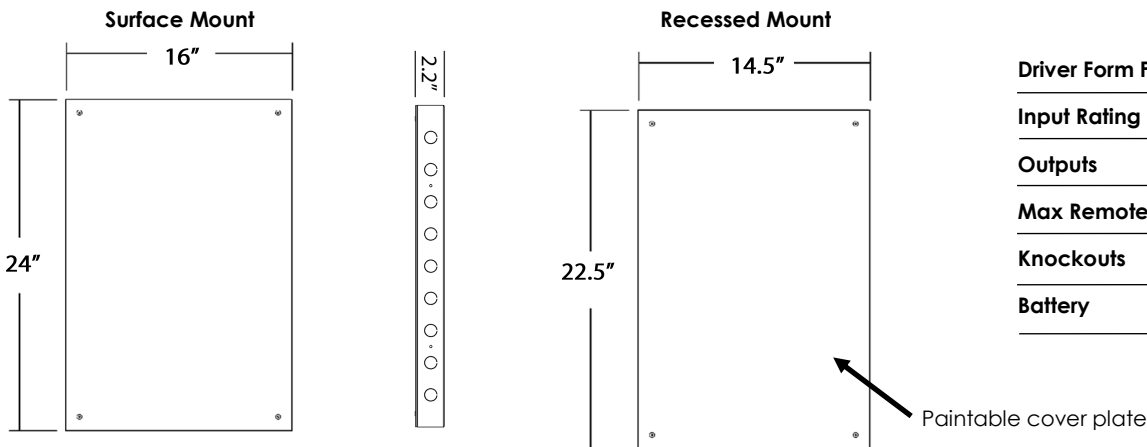
# HYPERDRIVE REMOTE POWER SYSTEM

## Sx (Small Hyper Drive Remote Canopy)



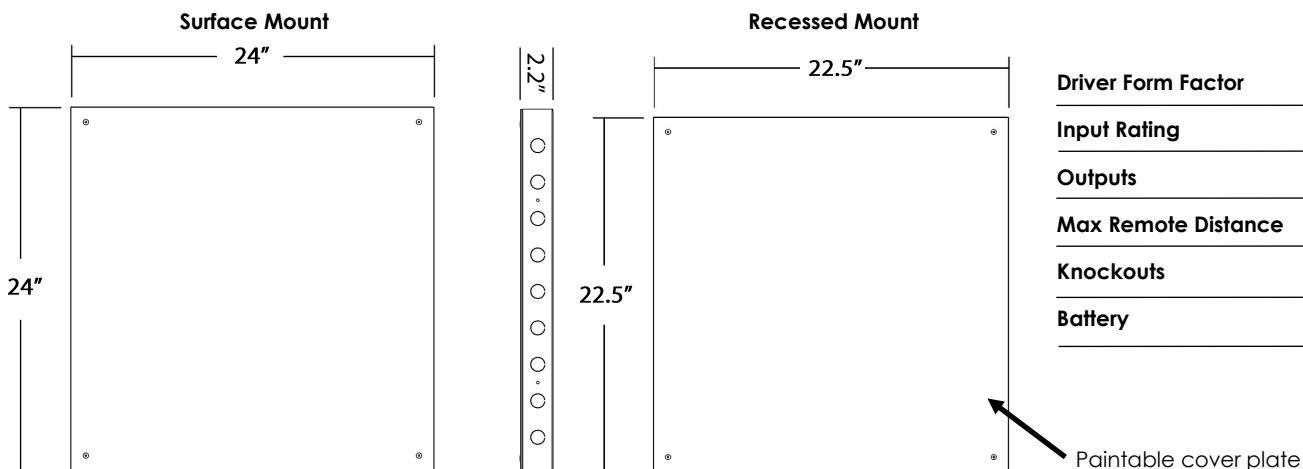
<b>Driver Form Factor</b>	Compact
<b>Input Rating</b>	120-277V
<b>Outputs</b>	Up to 2 (190W max)
<b>Max Remote Distance</b>	Up to 100' (30.5m)
<b>Knockouts</b>	(9) 1/2"
<b>Battery</b>	Not Available

## Mx (Medium Hyper Drive Remote Canopy)



<b>Driver Form Factor</b>	Linear
<b>Input Rating</b>	120-277V
<b>Outputs</b>	Up to 4 (300W max)
<b>Max Remote Distance</b>	Up to 100' (30.5m)
<b>Knockouts</b>	(20) 1/2"
<b>Battery</b>	Available

## Lx (Large Hyper Drive Remote Canopy)



<b>Driver Form Factor</b>	Linear
<b>Input Rating</b>	120-277V
<b>Outputs</b>	Up to 8 (600W max)
<b>Max Remote Distance</b>	Up to 100' (30.5m)
<b>Knockouts</b>	(20) 1/2"
<b>Battery</b>	Available

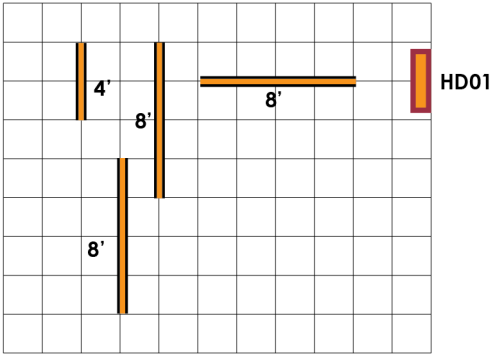
How to use this guide

Fill out the worksheet to specify your requirements for your configurations.  
Be sure to callout 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 your configuration.  
Submit the worksheet along with your order.

#1 Example Bill of Materials

Qty.	Type
3	MBEAMDI-8-750-750-SD-SD-35K-80-PW-CSW-HD01
1	MBEAMDI-4-750-750-SD-SD-35K-80-PW-CSW-HD01
1	HYPD-L8-NB-R-PW-DTZ-HD01

#1 Example Configuration

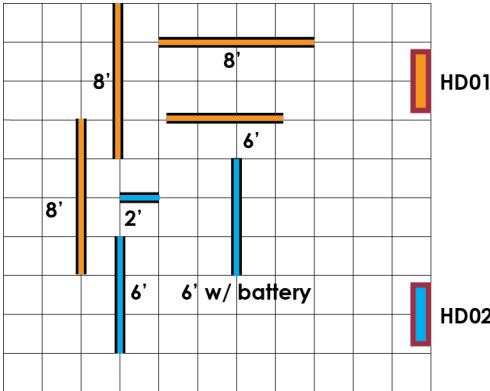


Note: Low Voltage Power transfer wire between fixture and HyperDrive remote power system provided by others.

#2 Example Bill of Materials

Qty.	Type
3	MBEAMDI-8-750-750-SD-SD-35K-80-PW-CSW-HD01
1	MBEAMDI-6-750-750-SD-SD-35K-80-PW-CSW-HD01
1	MBEAMDI-2-750-750-SD-SD-35K-80-PW-CSW-HD01
1	MBEAMDI-6-750-750-SD-SD-35K-80-PW-CSW-E1-HD02
1	HYPD-L8-NB-R-PW-DTZ-HD01
1	HYPD-L6-1EMB6-R-PW-DTZ-HD02

#2 Example Configuration



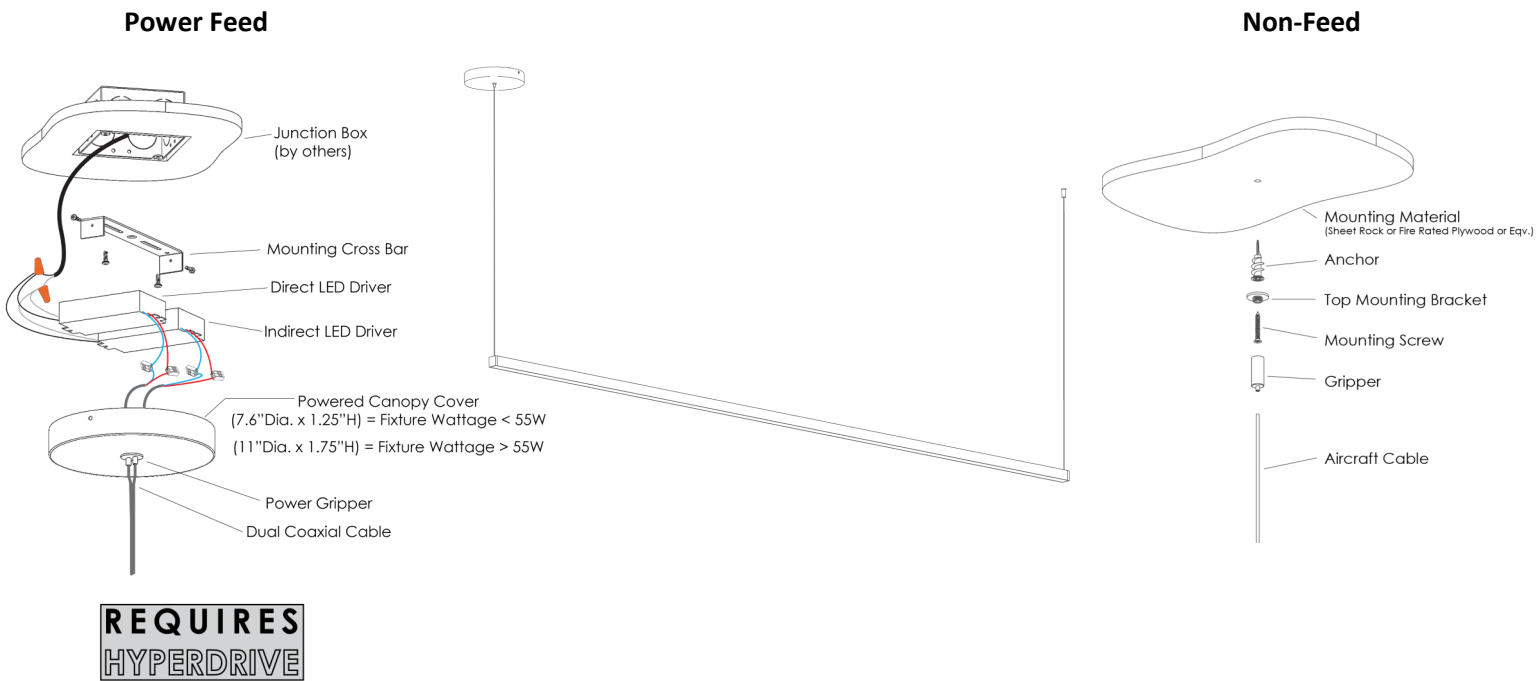
Note: Low Voltage Power transfer wire between fixture and HyperDrive remote power system provided by others.

# MICRO BEAM DIRECT/INDIRECT

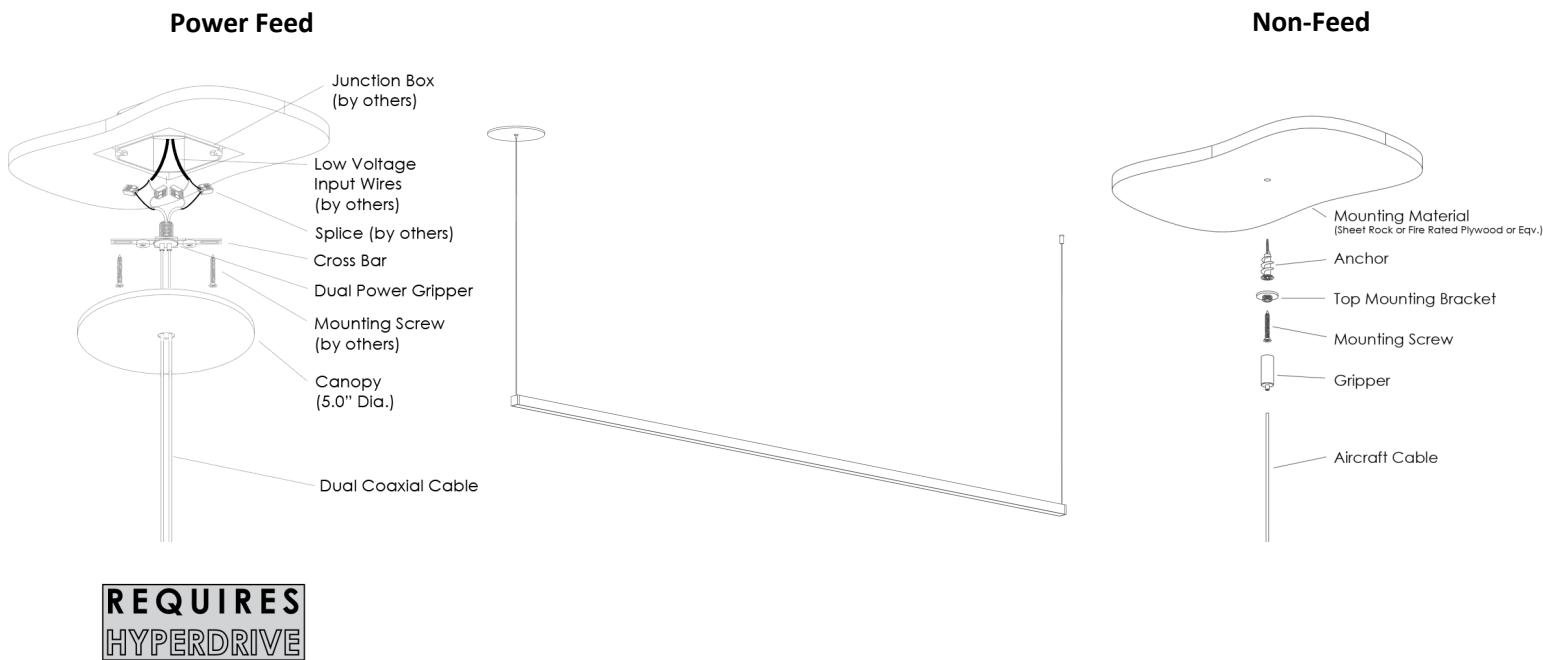
## MOUNTING OPTIONS

2' - 6' Fixtures require 1 Non-Food Mount. Fixtures larger than 6' require 2 Non-Food Mount.

**PCx - Powered Canopy (Driver Included)**



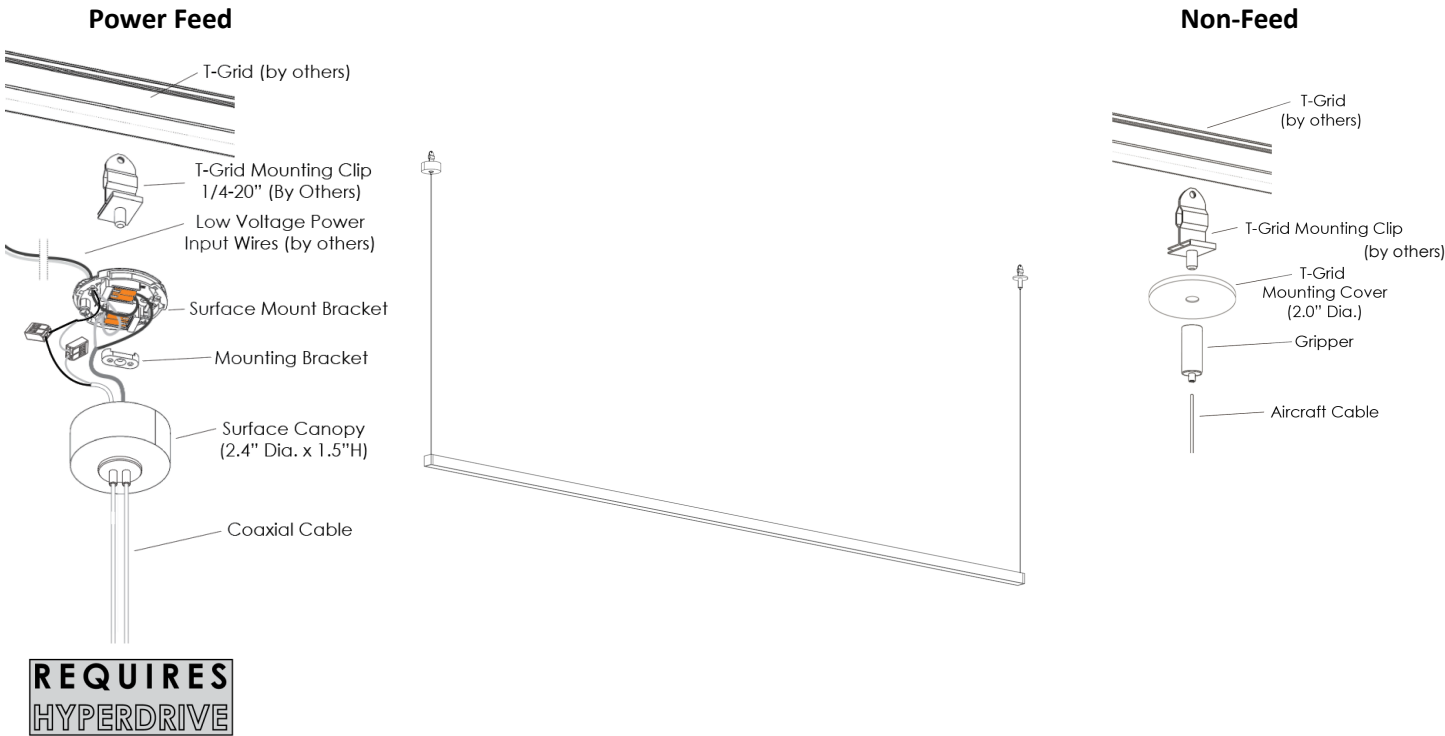
**CRx - Canopy Recessed**



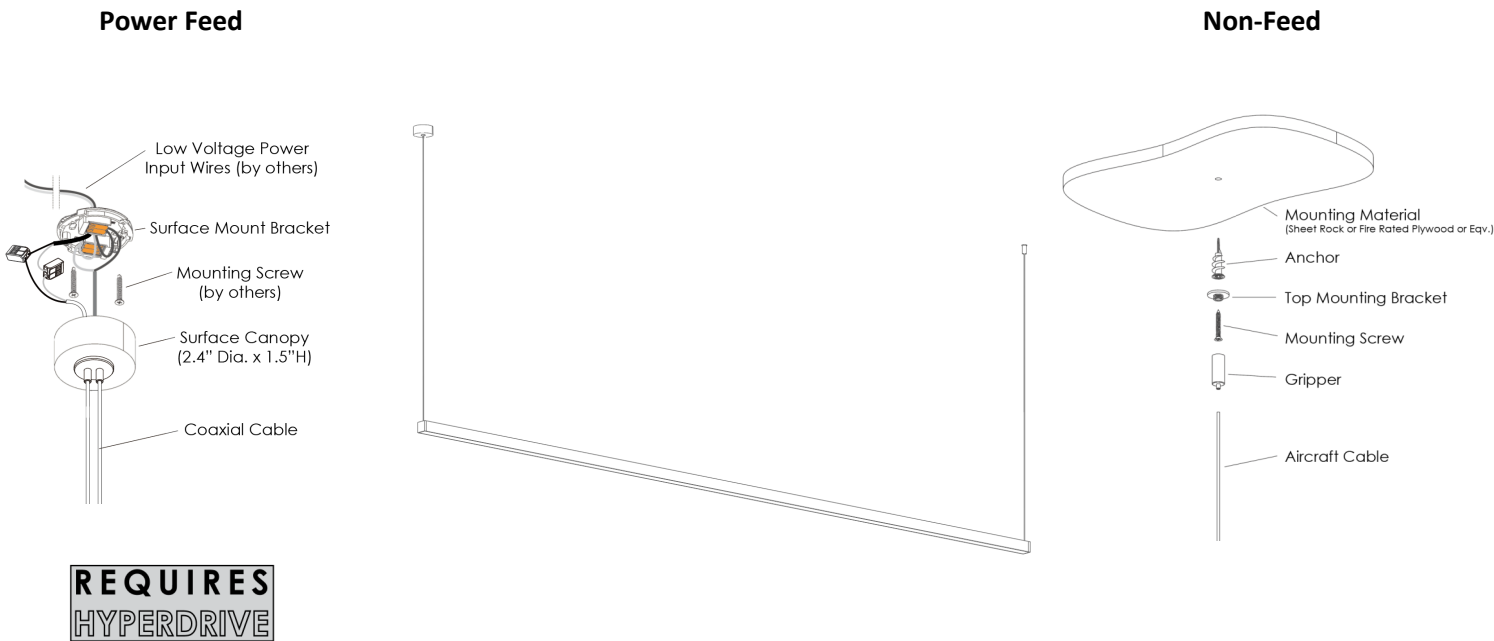
# MICRO BEAM DIRECT/INDIRECT

## MOUNTING OPTIONS

### CTx - Canopy T-Grid



### CSx - Canopy Surface

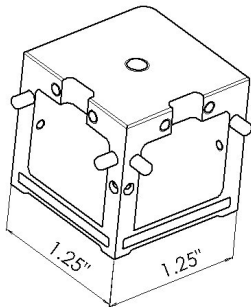


# MICRO BEAM DIRECT/INDIRECT

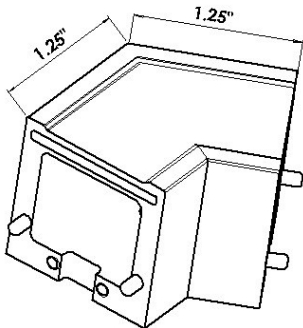
## JOINT SHAPE CONFIGURATION WITH CORNER HUBS:

We provide joint configurations in the various shapes shown below.

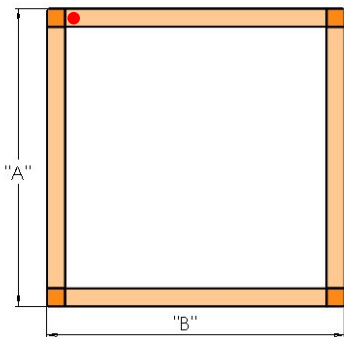
90 Degree Corner Hub



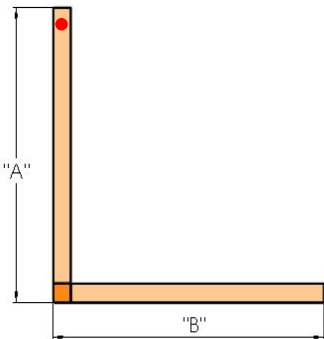
60 Degree Corner Hub



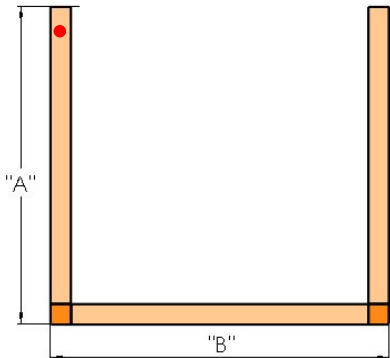
_x_RECT
Rectangle
Supply Ax B dimensions



_x_L
L-Shape
Supply Ax B dimensions

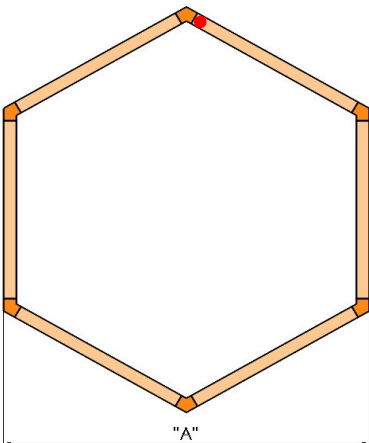


_x_x_U
U-Shape
Supply Ax B dimensions



● = Power Location

_x_H
Hexagon
Supply Ax B dimensions



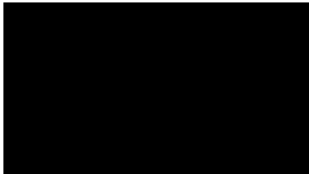


FINISHES

STANDARD FINISHES



WHITE MINI TEXTURE



BLACK MINI TEXTURE

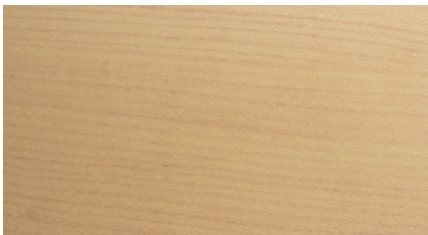


SILVER SPARKLE TEXTURE

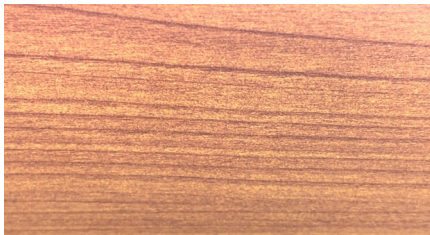
PREMIUM STOCK FINISHES



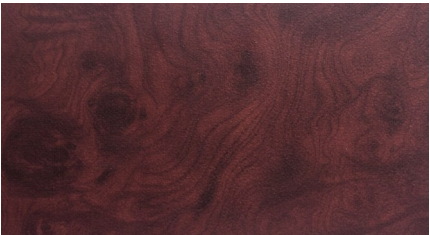
PSF001 (WOOD#1)



PSF002 (WOOD#2)



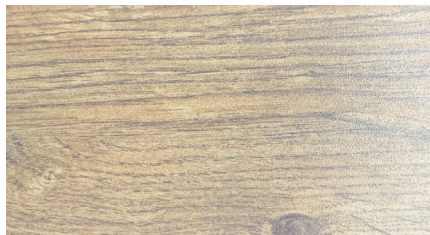
PSF003 (WOOD#3)



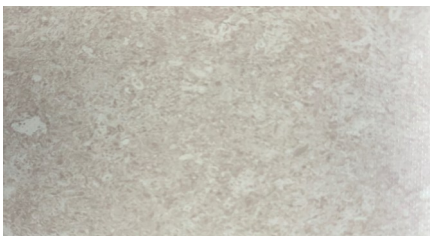
PSF004 (WOOD#4)



PSF005 (WOOD#5)



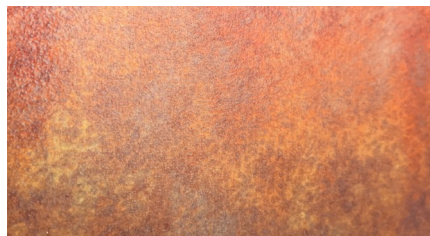
PSF006 (WOOD#6)



PSF007 (STONE #1)



PSF008 (STONE #2)



PSF009 (METAL #1)

**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.

# MICRO BEAM DIRECT/INDIRECT

## SPECIFICATIONS

### Housing

Nominal 1 1/4" x 1 1/4" square housing of continuous extruded 6063 T5 aluminum.

### Color

Colors for the housing are available in a powder coated white, black, silver and woodgrain with end cap to match. Consult factory for custom colors.

### Luminaire Length

4' or 8' lengths are available for a single stand-alone section.

### End Caps

Machined Aluminum flat end caps are mechanically attached with no exposed fasteners to enhance architectural aesthetic and prevent light leak.

### Source

Lumen packages are available in four color temperature options (3000K, 3500K, 4000K and 5000K) — all within 3 MacAdam ellipses.

### Certification

RoHS (Restriction of Hazardous Substances) and Buy American Act compliant.

### Battery

Lithium ion battery providing up to 780lm(6W) or up to 1300lm(10W) for 90 minutes. UL924 listed. Class 2 compliant. Meets Title 20 CEC (California Energy Commission) efficiency standards.

### Environment

Suitable for dry and damp locations.

Operating temp.: -40°C to +50°C

-40°F to +122°F

### Dimming Driver

UL listed, class P (0-10V) dimming driver with programmable current for configurable fixture lumen outputs.

2.5 KV overcurrent protection

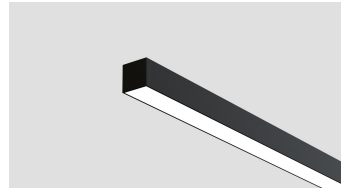
Power factor >.9

### Packaging

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

## COMPANION PRODUCTS

### Micro Beam Direct



## WARRANTY

5-year limited warranty. Complete warranty terms can be located at:

[http://www.starteklightingamerica.com/images/pdf/warranty/Beam\\_Series\\_Warranty.pdf](http://www.starteklightingamerica.com/images/pdf/warranty/Beam_Series_Warranty.pdf)

Note: Actual performance may differ as a result of installation environment and final application.

All values are design or typical values, measured under laboratory conditions, at 25°C (77°F) .