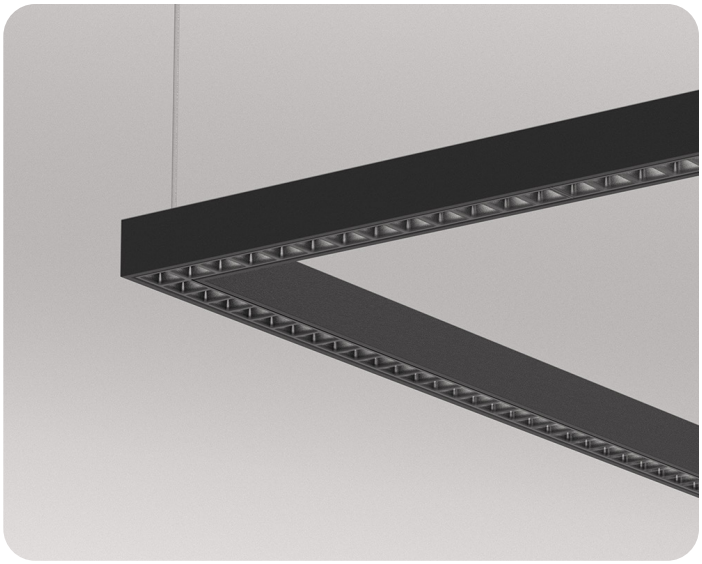
STARTEK
ARCHITECTURAL LIGHTING

| | | | |
|---|---|---|---|
| Rep/Agent | | Type | |
| Project | | | |
| Order No. | | Date | |

# Micro Sculptura Shape 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

5 Year Warranty | BABA Compliant | BAA Compliant | Intertek | RoHS Compliant

## 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: 1.25" x 1.25"

### 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 nominal 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

- 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
- UGR <19

### 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.


The information in this document is subject to change without notice.
Contact STARTEK for most up to date product details.

## Ordering Logic

MSCULPTDI-4X6RECT-750-750-B65-CL-35K-80-PW-CSW-1C-HD01

| Series | Length[1] | Direct Output[2] | Indirect Output[2] | Direct Distribution | Indirect Distribution |
|---|---|---|---|---|---|
| MSCULPTDI | | | | | |
| | **_X_RECT -** Rectangle | **250 -** 250 LPF | **250 -** 250 LPF | **30° Reflector** | **CL -** Clear Lens |
| | **_X_L -** L-Shape | **500 -** 500 LPF | **500 -** 500 LPF | **B30 -** Black Reflector | **BW -** Batwing |
| | **_X_H -** Hexagon | **750 -** 750 LPF | **750 -** 750 LPF | **W30 -** White Reflector | |
| | **_X_X_U -** U-Shape | **1000 -** 1000 LPF | **1000 -** 1000 LPF | **65° Reflector** | |
| | | **XXX -** Custom LPF | **XXX -** Custom LPF | **B65 -** Black Reflector | |
| | | | | **W65 -** White Reflector | |

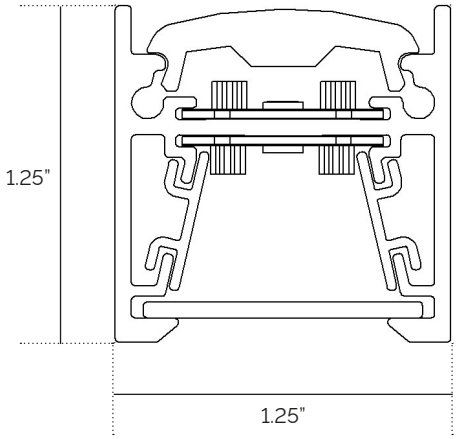
| CCT | CRI | Finish[3] | Mounting | | Circuiting |
|---|---|---|---|---|---|
| | | | | | |
| **27K -** 2700K | **80 -** 80 CRI | **Standard Powder Coat** | **Powered Canopy[4]** | **Canopy T-Grid[5]** | **1C -** Single Circuit |
| **30K -** 3000K | **90 -** 90 CRI (R9 50 min) | **PW -** White | **PCW -** Powered Canopy White | **CTW -** Canopy T-Grid White | **2C -** Separate D/I Circuits[6] |
| **35K -** 3500K | | **PB -** Black | **PCB -** Powered Canopy Black | **CTB -** Canopy T-Grid Black | |
| **40K -** 4000K | | **PS -** Silver | **Canopy Recessed[5]** | **Canopy Surface[5]** | |
| **50K -** 5000K | | **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 | | | |

| Remote Option[5, 7] | Hyper Drive Circuit[8, 9] |
|---|---|
| | |
| **EX -** EM Battery Designated Fixture | **HDXX -** Hyper Drive Circuit |

**Ordering Notes**

1. Replace underscore (_) with fixture leg length. See page 8.
2. 200 LPF min. output / 1000 LPF max. output.
3. See page 5 for standard and premium options.
4. 120-277V driver included. 50W max. dual driver required.
5. Must be ordered with Hyper Drive Remote Driver.
6. Separate control of direct and indirect.
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





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

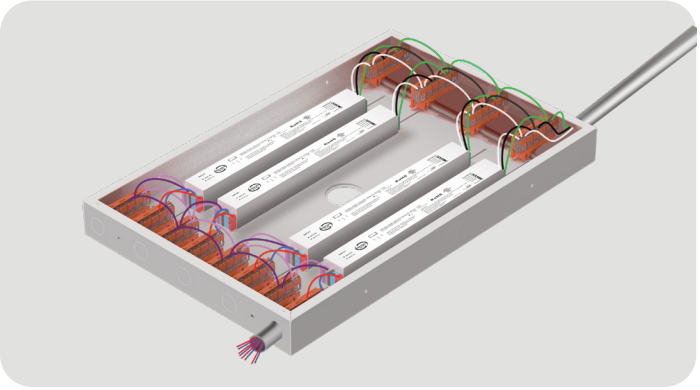
Reference chart for recommended maximum lengths of low voltage cable ran from Hyper Drive to fixture.

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

## Configurations

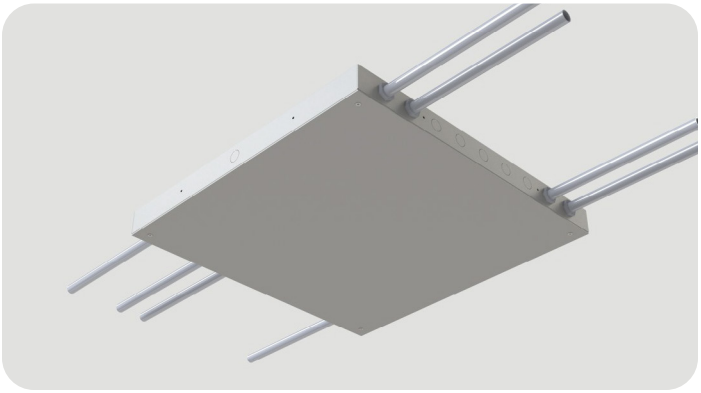
### M4 Configuration *(Shown without front cover)*

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.



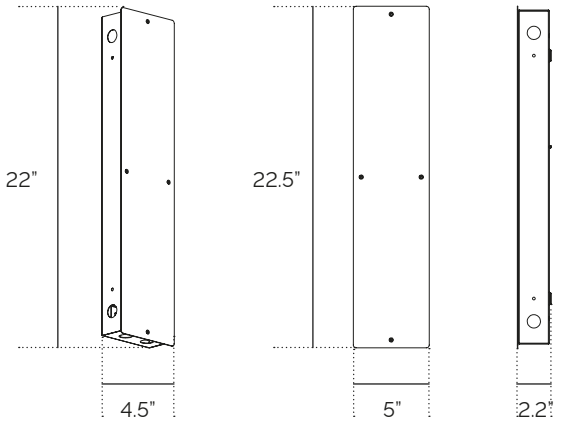

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# Hyper Drive Remote Power System

## SX (Small Hyper Drive Remote Canopy)

190W / 2 Drivers Max.

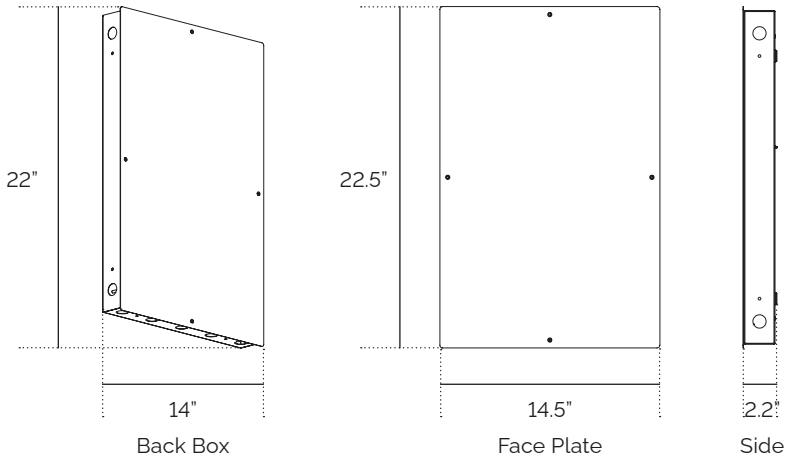
| | |
|---|---|
| **Driver Form Factor** | Linear |
| **Input Rating** | 120-277V |
| **Outputs** | Up to 2 (190W max) |
| **Max. Remote Distance** | Up to 150' (45m) |
| **Knockouts** | 0.5" (x6) |
| **Battery** | Available |




## MX (Medium Hyper Drive Remote Canopy)

300W / 4 Drivers Max.

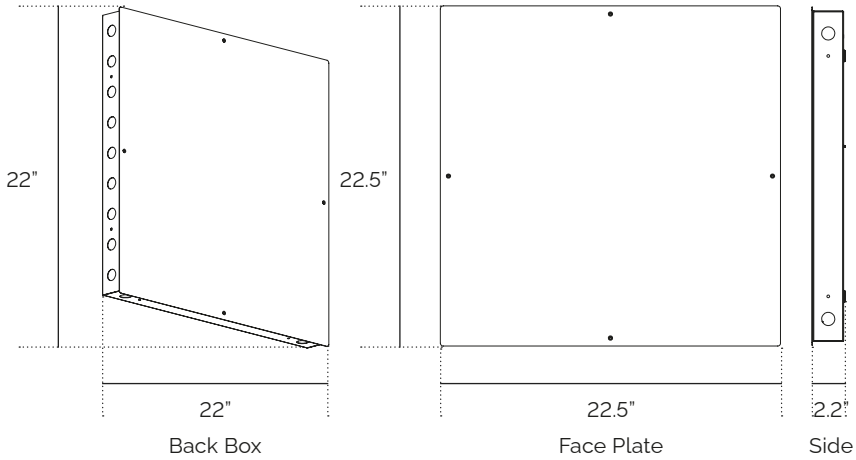
| | |
|---|---|
| **Driver Form Factor** | Linear |
| **Input Rating** | 120-277V |
| **Outputs** | Up to 4 (300W max) |
| **Max. Remote Distance** | Up to 150' (45m) |
| **Knockouts** | 0.5" (x12) |
| **Battery** | Available |




## 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 |



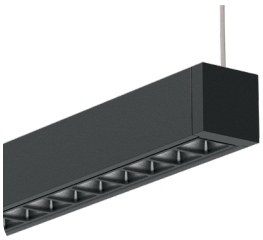


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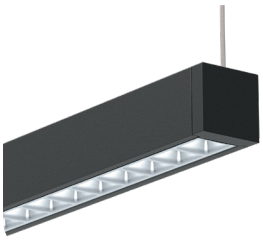
# Micro Sculptura Shape Suspended

Direct / Indirect

## Reflectors



**Black**
30° or 65°



**White**
30° or 65°

## Lumen Packages

| Length | Lumens | Input Wattage | LPW |
|---|---|---|---|
| 4' | 4000 | 40 | 101 |
| 8' | 8000 | 77 | 104 |

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

## Finishes

### Standard

**PW:** White

**PB:** Black

**PS:** Silver

### Premium Stock



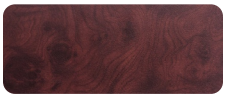
**PSF001:** Wood 1



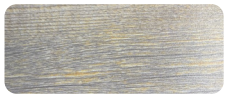
**PSF002:** Wood 2



**PSF003:** Wood 3



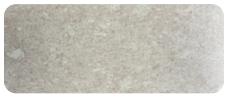
**PSF004:** Wood 4



**PSF005:** Wood 5



**PSF006:** Wood 6



**PSF007:** Stone 1



**PSF008:** Stone 2

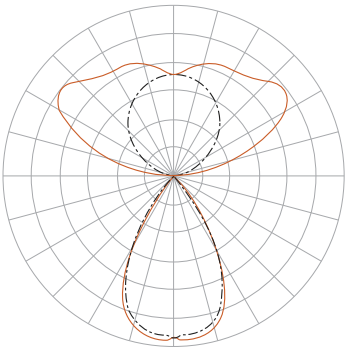


**PSF009:** Stone 3

**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

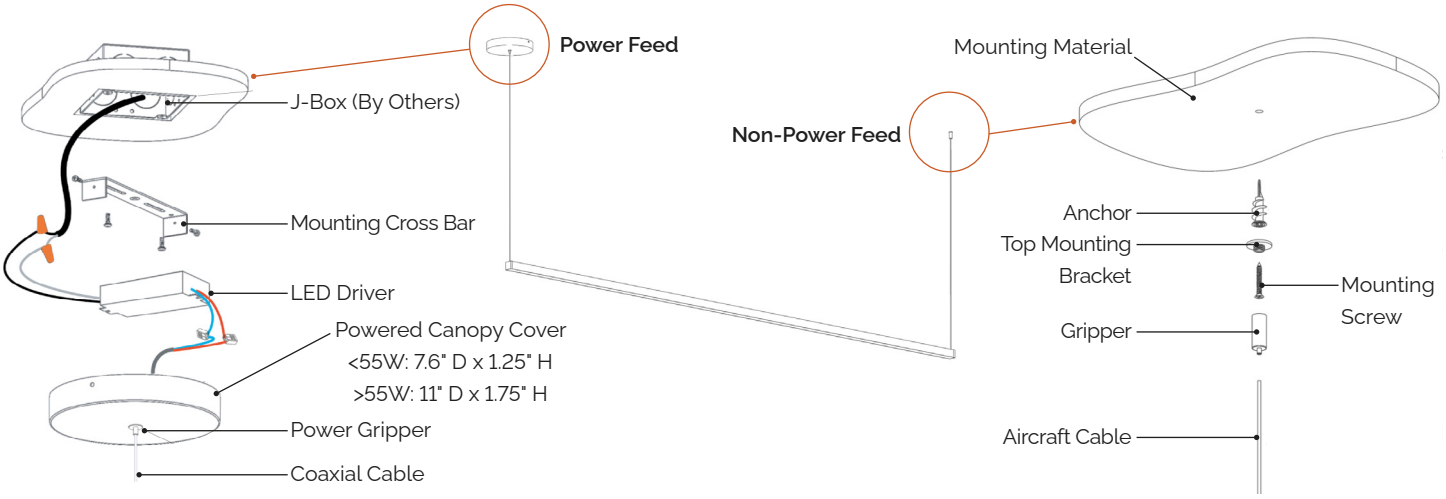


**Direct:** 65° Reflector
**Indirect:** Batwing (BW)

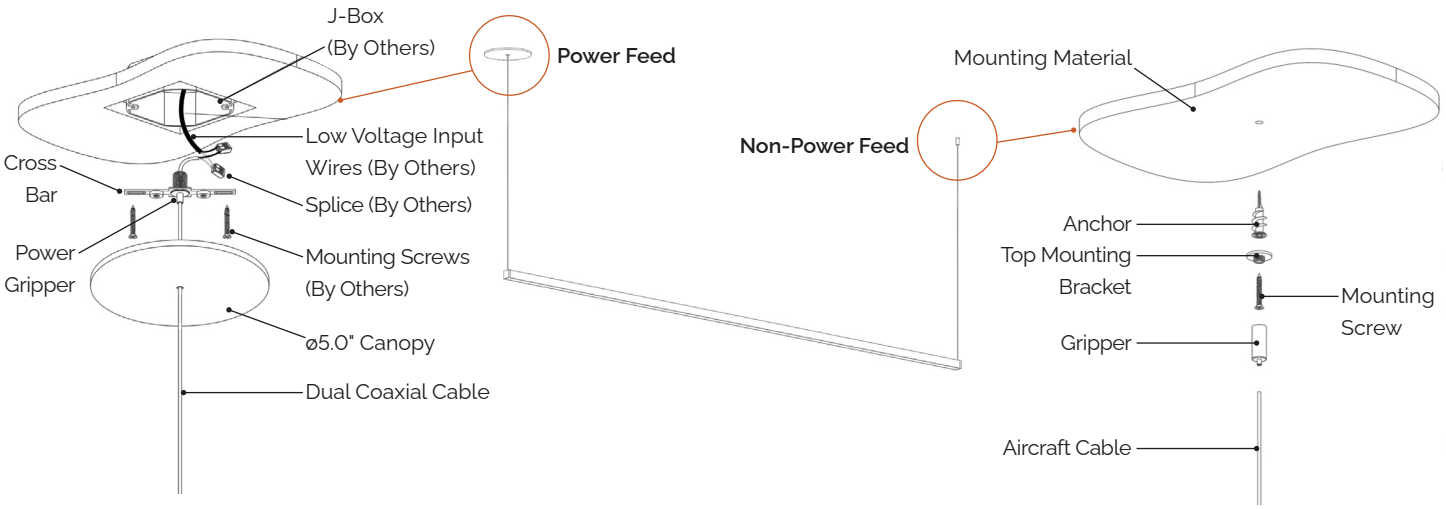
## Mounting

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)



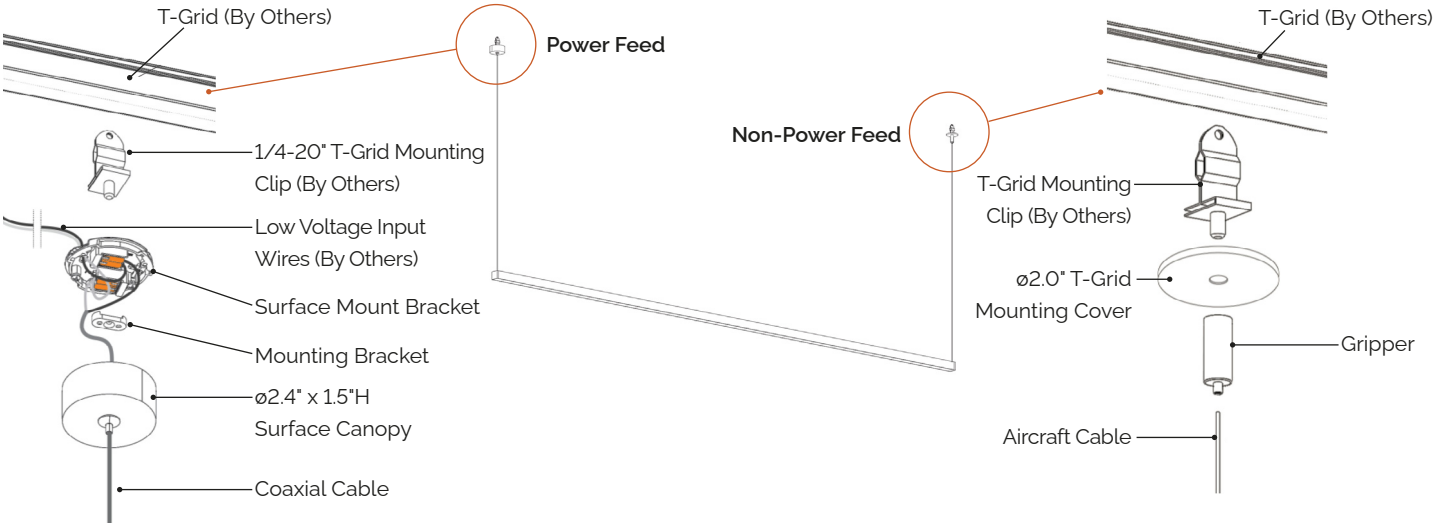

### CRX (Canopy Recessed) Requires Hyper Drive



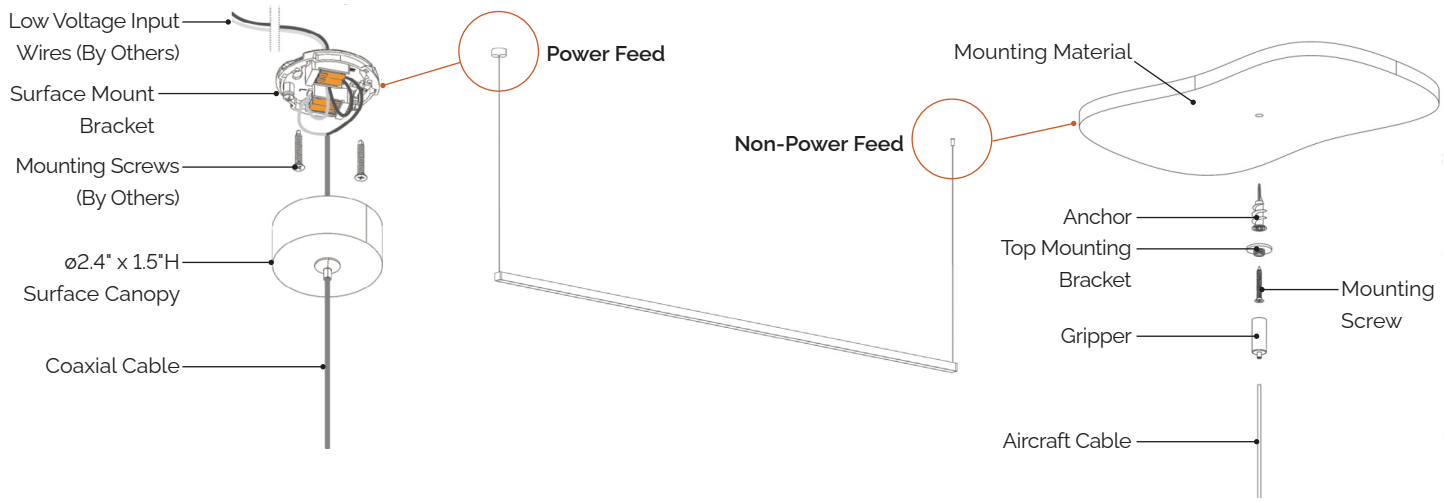
## Mounting

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



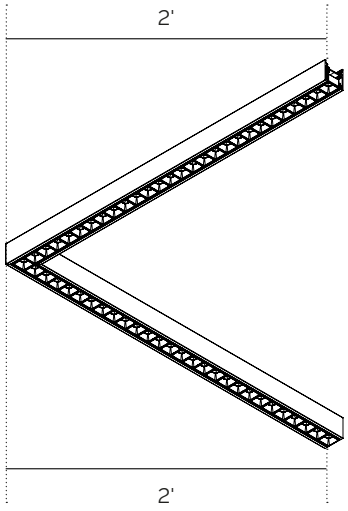


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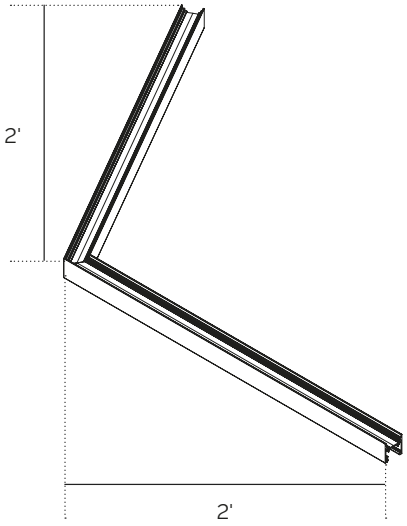
# Shape Configuration

## Joint Shape Configuration with Miter Cuts

2' x 2' fixtures with lit corners.



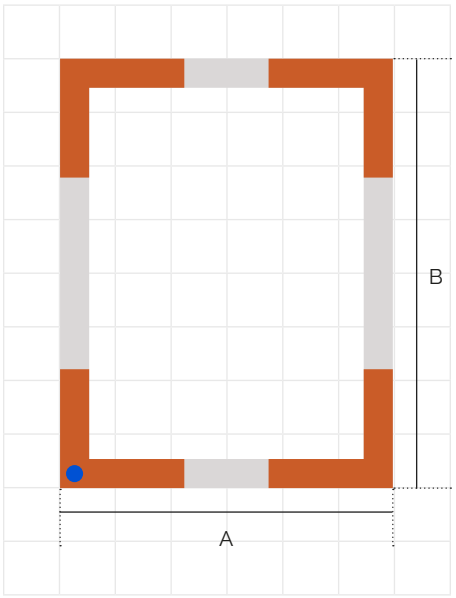

**90° Corner**




**60° Corner (for Hexagon Shapes)**

## Rectangle (_X_RECT)

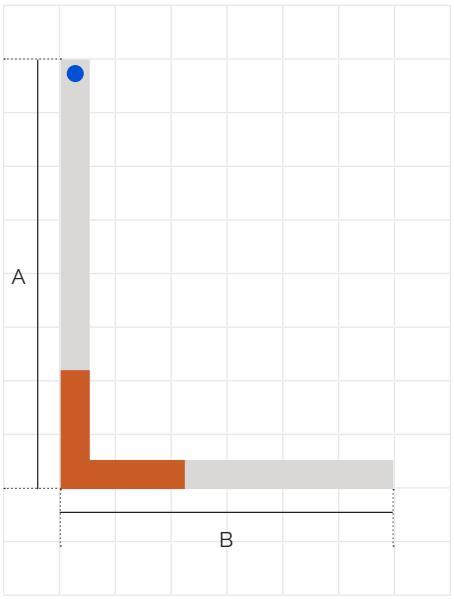
Provide AxB dimensions




● Power Location

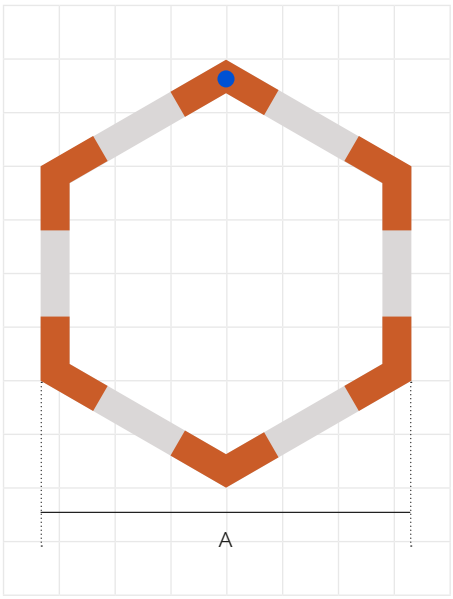
## L-Shape (_X_L)

Provide AxB dimensions



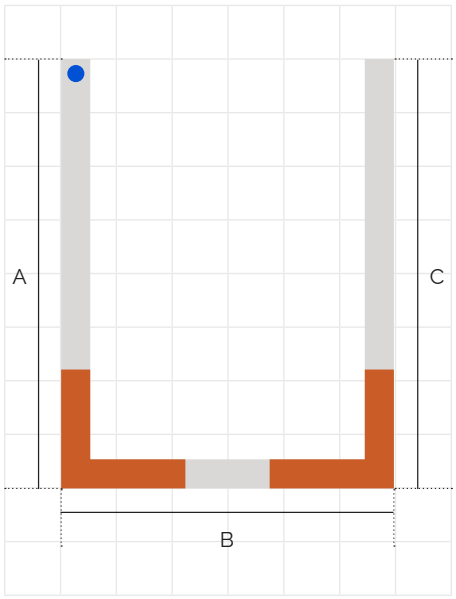

## Hexagon (_X_H)

Provide A dimension




## U-Shape (_X_X_U)

Provide AxBxC dimensions




● Power Location


The information in this document is subject to change without notice.
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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.