STARTEK
ARCHITECTURAL LIGHTING

Rep/Agent		Type	
Project			
Order No.		Date	

Micro Panel Suspended
Direct



Key Features

- Extruded aluminum single piece housing
- Soft diffuse direct lighting
- 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

Dimensions

- Nominal dimensions: 1.5" x 0.9"

Finish

- Powder coated
- Colors: White or Black

Luminaire Size

- Available sizes: 2' x 2' or 2' x 4'

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

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

MPANL-4-2000-DL025-35K-80-PW-CSW-1C-HD01

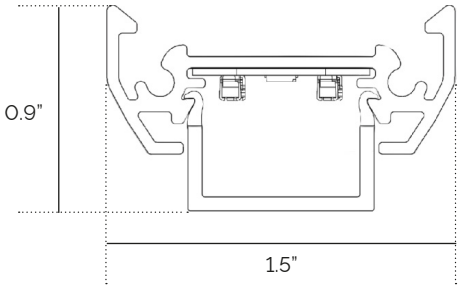
Series	Length	Total Lumens	Direct Distribution	CCT	CRI
MPANL			DLO25		
	2 - 2' x 2'	**2000 -** 2000 Lumens	**DL025 -** 0.25" Satin Diffuse	**27K -** 2700K	**80 -** 80 CRI
	4 - 4' x 4'	**4000 -** 4000 Lumens		**30K -** 3000K	**90 -** 90 CRI (R9 50 min)
		6000 - 6000 Lumens		**35K -** 3500K	
		8000 - 8000 Lumens		**40K -** 4000K	
		XXXX - Custom Lumens		**50K -** 5000K	

Finish[1]	Mounting		Circuiting	Remote Option[4]	Hyper Drive Circuit[5, 6]
			1C		
Standard Powder Coat	**Powered Canopy[2]**	**Canopy Surface[3]**	**1C -** Single Circuit	**EX -** EM Battery Designated Fixture	**HDXX -** Hyper Drive Circuit
PW - White	**PCW -** Powered Canopy White	**CSW -** Canopy Surface White			
PB - Black	**PCB -** Powered Canopy Black	**CSB -** Canopy Surface Black			
Premium	**Canopy Recessed[3]**	**T-Grid[3]**			
RALXXXX - Powder Coat Gloss Finish	**CRW -** Canopy Recessed White	**TB1 -** 9/16" Grid			
	CRB - Canopy Recessed Black	**TB2 -** 15/16" Grid			
	Canopy T-Grid[3]	**TB3 -** 9/16" Tegular			
	CTW - Canopy T-Grid White	**TB4 -** 15/16" Tegular			
	CTB - Canopy T-Grid Black				

Ordering Notes

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

Dimensions



DL025
Satin Diffuse with 0.25 Drop Lens

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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

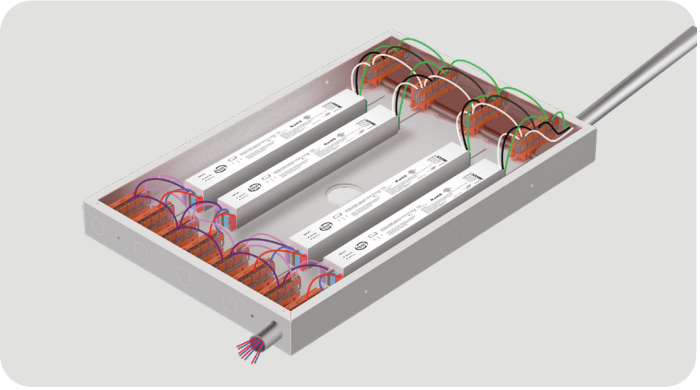
Reference chart for recommended maximum lengths of low voltage cable ran from Hyper Drive to fixture.

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

Configurations

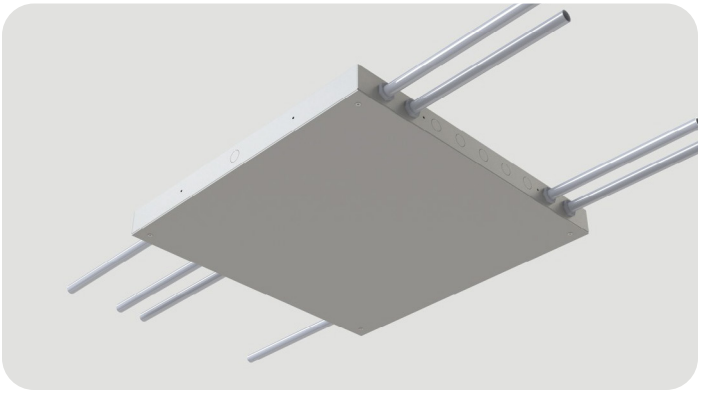
M4 Configuration *(Shown without front cover)*

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.



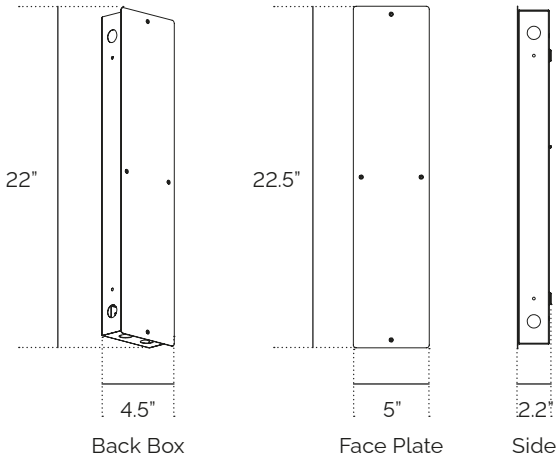
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Hyper Drive Remote Power System

SX (Small Hyper Drive Remote Canopy)

190W / 2 Drivers Max.

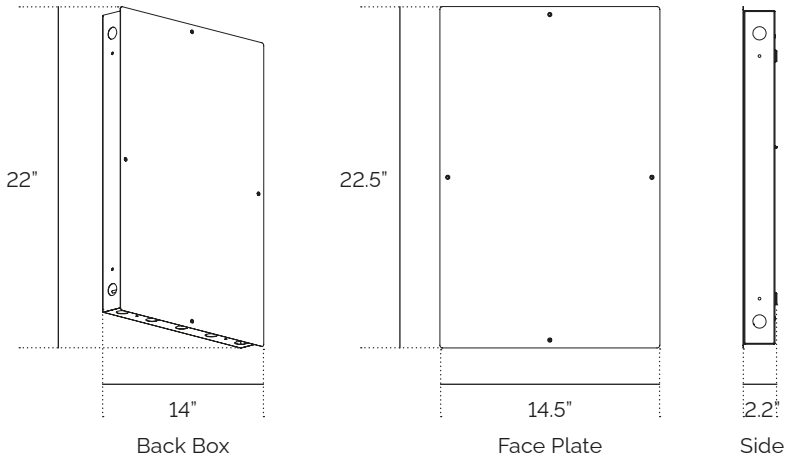
Driver Form Factor	Linear
Input Rating	120-277V
Outputs	Up to 2 (190W max)
Max. Remote Distance	Up to 150' (45m)
Knockouts	0.5" (x6)
Battery	Available



MX (Medium Hyper Drive Remote Canopy)

300W / 4 Drivers Max.

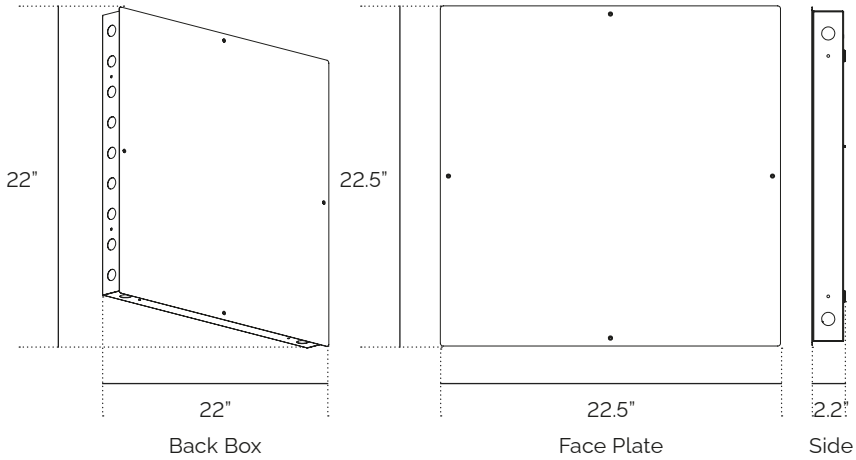
Driver Form Factor	Linear
Input Rating	120-277V
Outputs	Up to 4 (300W max)
Max. Remote Distance	Up to 150' (45m)
Knockouts	0.5" (x12)
Battery	Available



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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Lumen Packages

Length	Lumens	Input Wattage	LPW
4'	4000	34	118
8'	8000	65	123

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

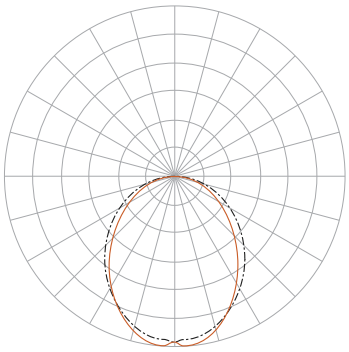
Finishes

Standard

PW: White

PB: Black

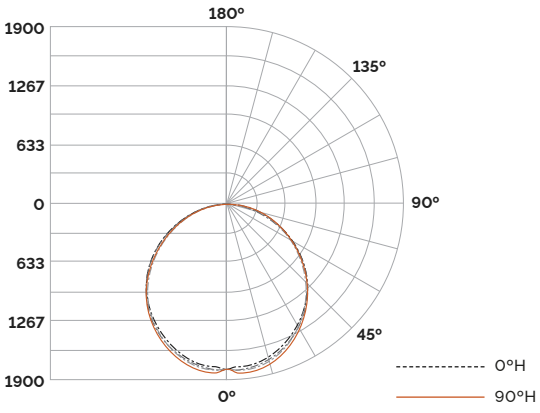
Distribution



Direct: Satinlce Diffuse with 0.25" Drop Lens (DL025)

Performance

BEAMD-4-625-SD-35K (80+ CRI)



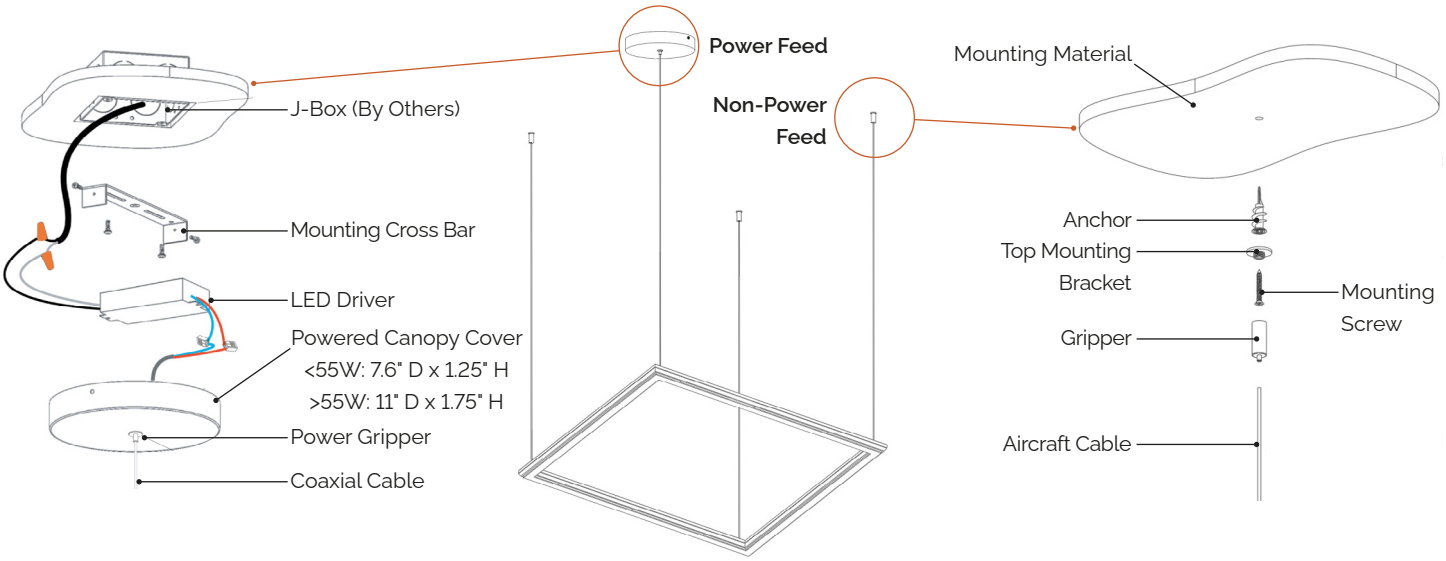
CCT	Length	Lumens	Wattage	LPW
3000K	4'	4000	36	110
	8'	8000	70	114
3500K	4'	4000	34	118
	8'	8000	65	122
4000K	4'	4000	33	120
	8'	8000	64	124
5000K	4'	4000	32	122
	8'	8000	63	126

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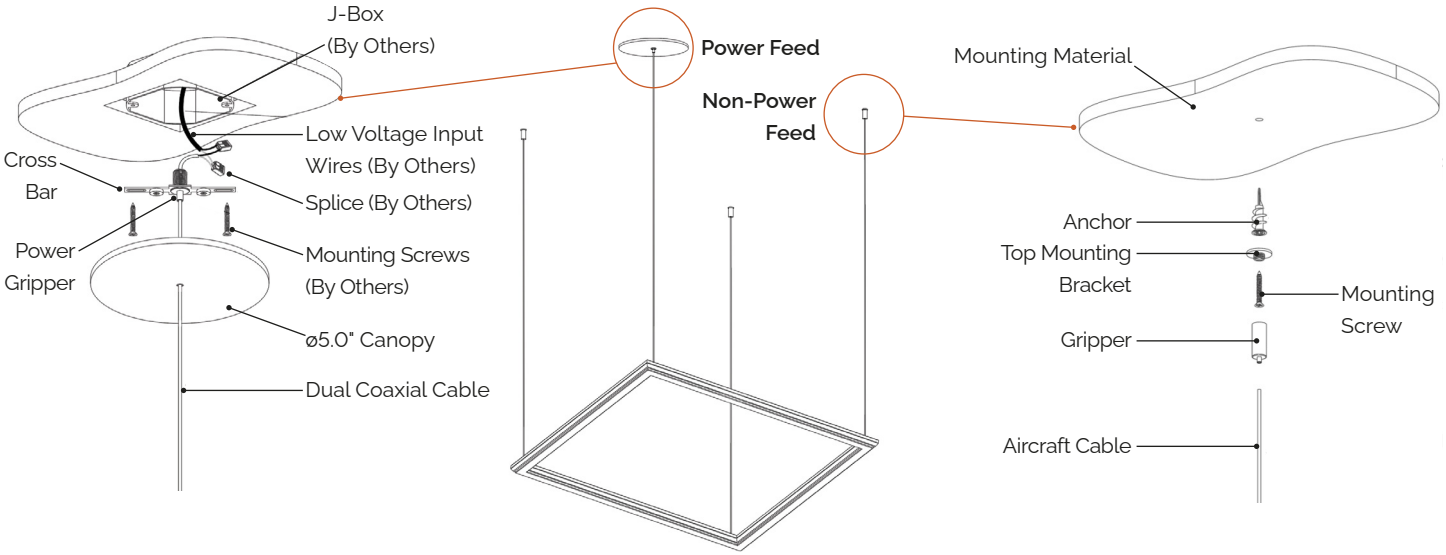
Mounting

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)



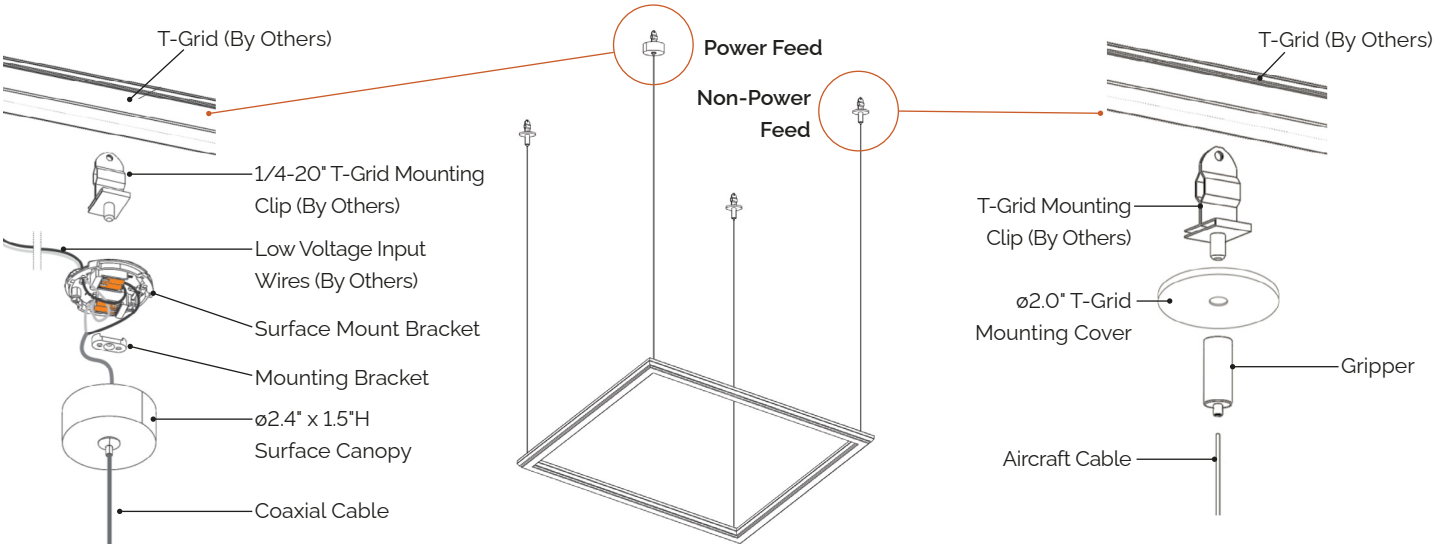
CRX (Canopy Recessed) Requires Hyper Drive



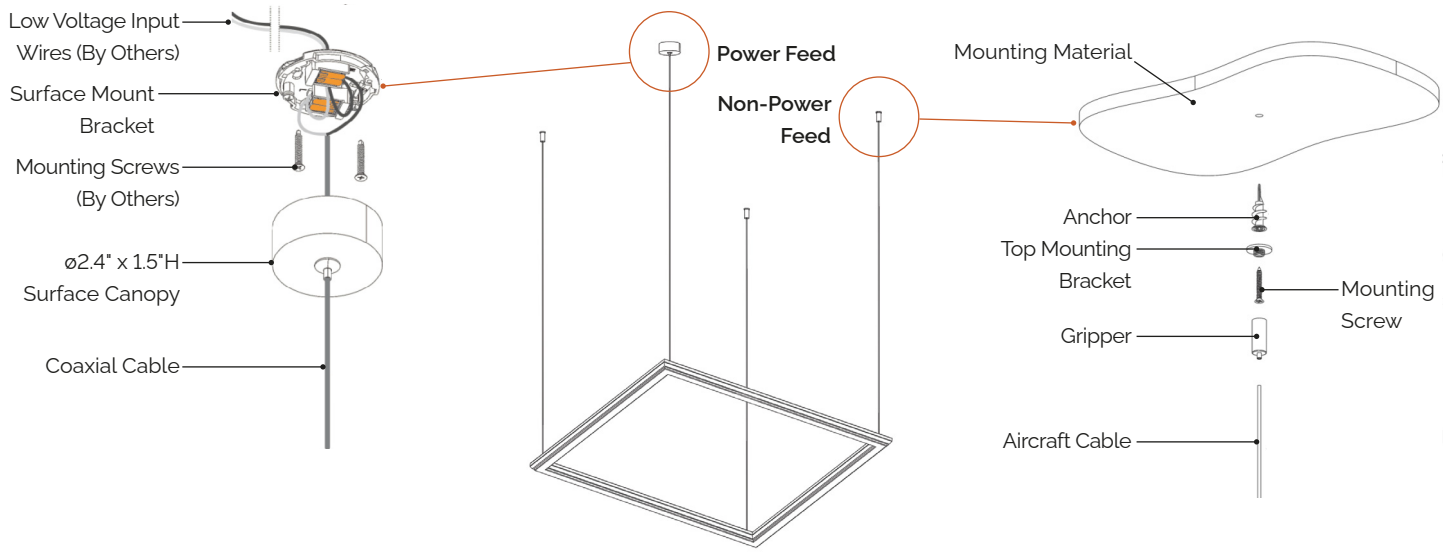
Mounting

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



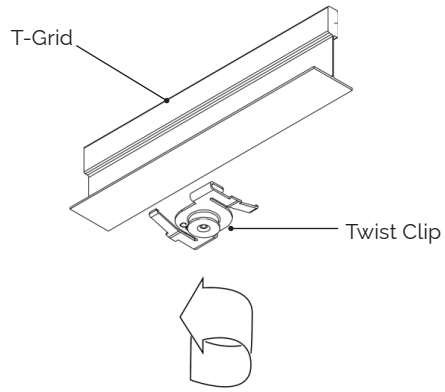
CSX (Canopy Surface) Requires Hyper Drive



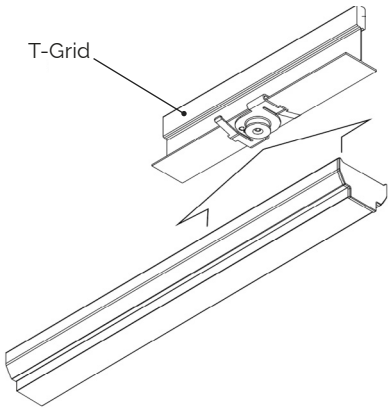
Mounting

TBX (T-Grid) Requires Hyper Drive

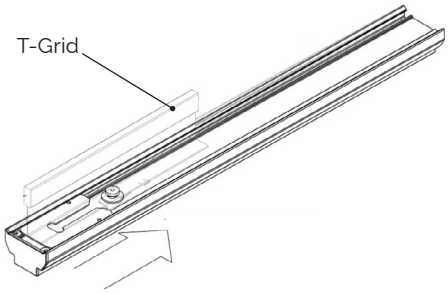
Step 1: Install twist clip.

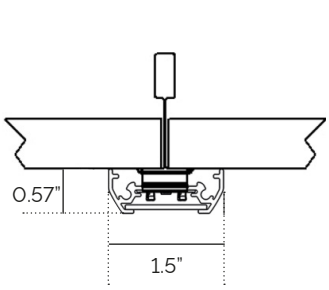


Step 2: Lift fixture up to ceiling.

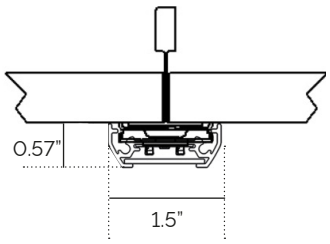


Step 3: Slide mounting bracket over clip and secure in place with provided set screws.

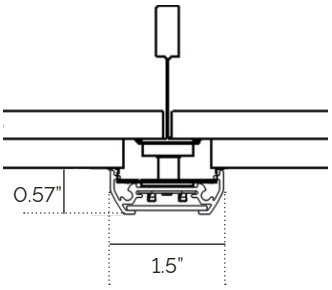




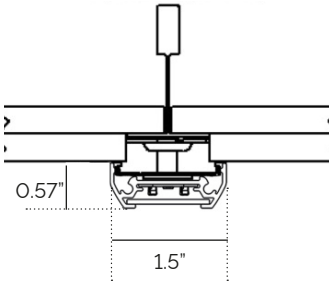
TB1
9/16" T-Bar



TB2
15/16" T-Bar



TB3
9/16" Tegular



TB4
15/16" Tegular

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

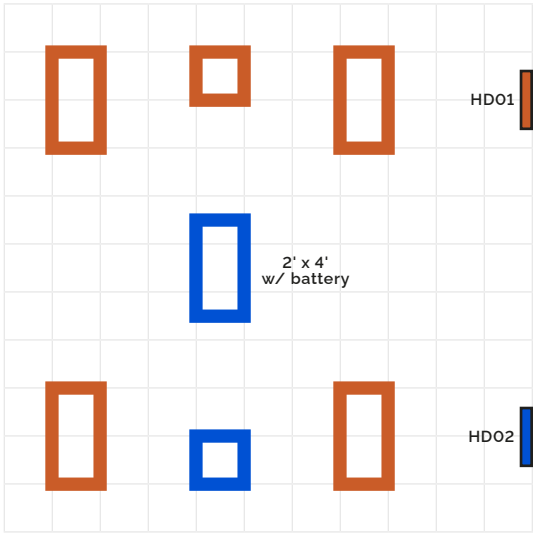
Configuration

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

Example

Qty.	Type
4	MPANL-4-8000-DL025-35K-80-PW-CSW-1C-HD01
1	MPANL-2-2000-DL025-35K-80-PW-CSW-1C-HD01
1	MPANL-4-6000-DL025-35K-80-PW-CSW-1C-E1-HD02
1	MPANL-2-4000-DL025-35K-80-PW-CSW-1C-HD02
1	HYPD-L5-NB-PW-U-DTZ-HD01
1	HYPD-M2-1EMB6-PW-U-DTZ-HD02

Example Configuration



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