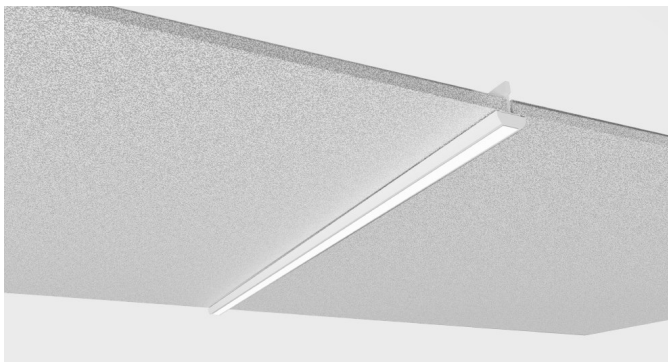
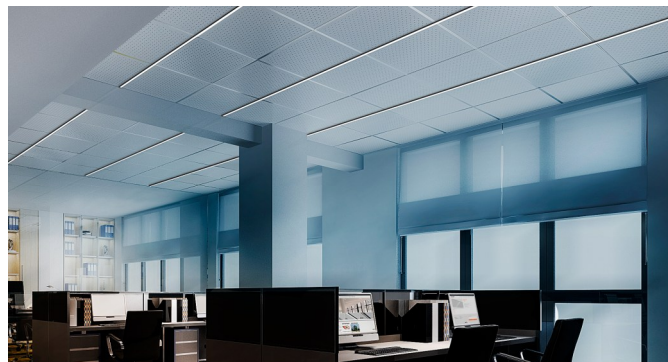


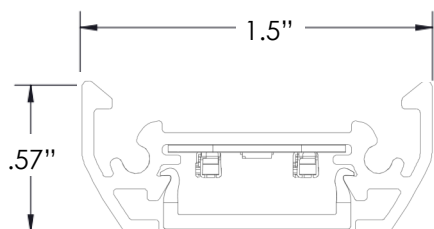
MICRO FLAT



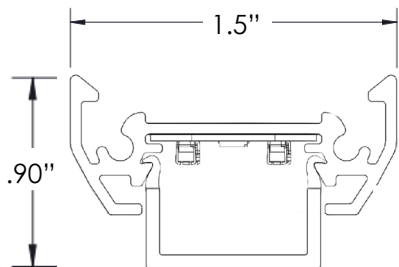
Type:	
Project:	
REP/Agent:	
Order #:	



DIMENSIONS

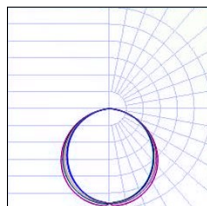


SD= SatinIce Diffuse

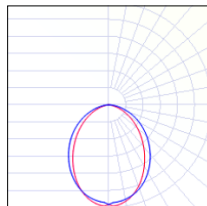


DL025= Satin Diffuse .25" Drop

DISTRIBUTION



SD= SatinIce Diffuse



DL025= Satin Diffuse .25" Drop

FEATURES

- ★ Soft diffused direct illumination in a sleek modern minimalist style.
- ★ Thermally efficient extruded aluminum single piece housing
- ★ 2', 4', 6', and 8' individual units, or custom lengths
- ★ Powder coat finishes available in white and black
- ★ 0-10v dimming is standard
- ★ Dim to 1% of output current is standard
- ★ Class 2 output for luminaire
- ★ 120-277 for power enclosures
- ★ Approved for dry and damp locations
- ★ Plenum rated enclosures available
- ★ 90 CRI (R9 50 min) available
- ★ 5 year system warranty
- ★ Class 2 input for luminaire
- ★ Three power choices of Hyperdrive remote power system

LUMEN PACKAGES

Based on 3500K CCT. Other CCT available.

MODEL	LUMENS	INPUT WATTS	Lm/W
MFLAT-4-1000-SD-35K-80	4,000	34	118
MFLAT-8-1000-SD-35K-80	8,000	65	123



MICRO FLAT

Type:	
Project:	
REP/Agent:	
Order #:	

MFLAT					
SERIES	LENGTH	LUMENS PER FOOT	DISTRIBUTION	CCT	CRI
MFLAT	4= 4FT 8= 8FT XX= Custom Length _x_RECT=Rectangle _x_L= L-Shape _x_U= U-Shape	350= 350 LPF 500= 500 LPF 750= 750 LPF 1000= 1000 LPF xxx= Custom LPF	SD= Satin Ice Diffuse DLE025 = Satin Diffuse .25" Drop Lens w/ Lit Ends <i>Seamless Continuous Lensing Unavailable for Drop Lens Options</i>	30K= 3000K 35K= 3500K 40K= 4000K 50K= 5000K	80= 80 90= 90 (R9 50 min)

FINISH	MOUNTING (See Page 6-8 for Options)	ELECTRICAL
STANDARD PW = Powder Coat White PB = Powder Coat Black PREMIUM RALxxxx = Powder Coat RAL xxxx See pg. 9 for options.	POWERED CANOPY (Driver included, 120-277V) ^a PCW = Powered Canopy White (available with PM mount option only) PCB = Powered Canopy Black (available with PM mount option only) <div> CANOPY RECESSED CRW= Canopy Recessed White CRB= Canopy Recessed Black CANOPY T-GRID CTW= Canopy T-Grid White CTB= Canopy T-Grid Black CANOPY SURFACE CSW= Canopy Surface White CSB= Canopy Surface Black T-GRID¹ TB1= 9/16" Grid TB2= 15/16" Grid TB3= 9/16" Grid (Tegular) TB4= 15/16" Grid (Tegular) STEM STEMWxx= Stem Mount White STEMBxx= Stem Mount Black SURFACE SMM= Surface Mount Magnet *Items in grey box require Hyperdrive Remote Driver* </div>	1C = Single Circuit MC = Multiple Circuits <i>(multiple switch legs across run length)</i> EC = Emergency Circuit <i>(separate power drops for EC fixtures)</i>

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

EXAMPLE: MFLAT-4-750-SD-35K-80-PW-CSW-HD01

¹ Requires Hyperdrive Remote Driver
² Tunable White Driver must be specified

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>Sx= Small– up to two drivers (190W)</p> <p>Mx= Medium– up to four drivers (300W)</p> <p>Lx= Large– up to eight drivers (600W)</p>	<p>Replace # with battery quantity</p> <p>NB= No Emergency Battery</p> <p>#EMB6= 6W EM Battery (Bodine)</p> <p>#EMB10= 10W EM Battery (Bodine)</p> <p>#FCEMB10= 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>S= Surface/ Strut</p> <p>R= Recessed</p>	<p>STANDARD</p> <p>PW= Powder Coat White</p> <p>PB= Powder Coat Black</p> <p>PREMIUM</p> <p>RALxxxx= Power Coat</p> <p>RAL xxxx (Gloss Finish)</p>

VOLTAGE	OPTIONS	HYPERDRIVE CIRCUIT
U= 120-277	<p>SPECIALTY DRIVERS (Standard driver is 0-10V, dim to 1% output current)</p> <p>DT1= eldoLED EcoDrive Dim to 1% (0-10V)</p> <p>DTZ= eldoLED SoloDrive Dim to 0.1% (0-10V)</p> <p>PSRD= Signify Sensor Ready (DALI) Driver</p> <p>LDE1= Lutron Hi-Lume EcoSystem LED driver w/ Soft-on, Fade-to-Black</p> <p>TW-A= Tunable White, 0-10v</p> <p>TW-EL= 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>SENSORS</p> <p>Consult factory for options</p> <p>OTHERS</p> <p>CP= Chicago Plenum (CCEA)</p>	<p>HDxx= HyperDrive Circuit</p>

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

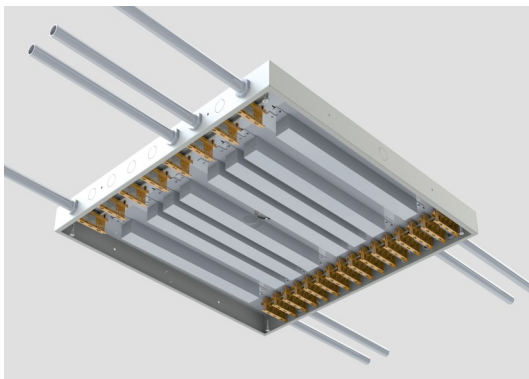
NOTES & LIMITATIONS

One driver is required per direct only fixture (8' max length)

Consult factory for custom configurations and drivers not listed.

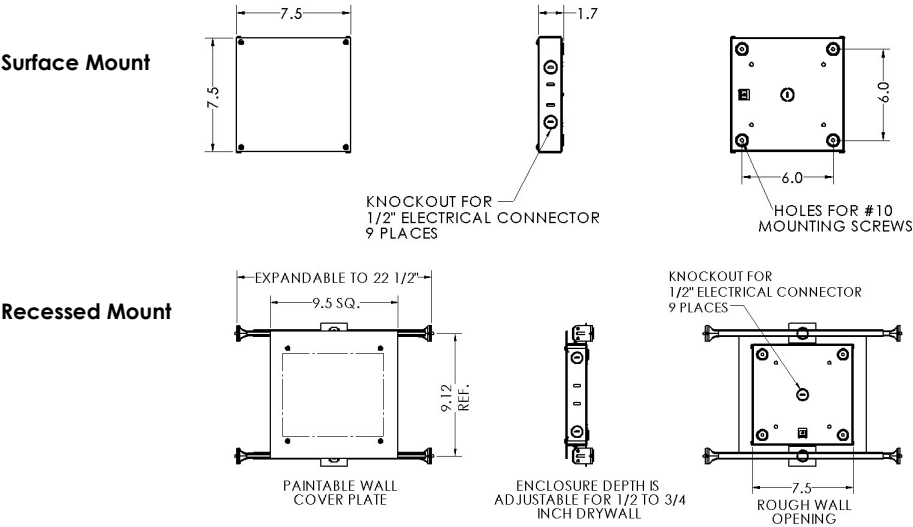
L8 configuration shown (shown with front cover removed)

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



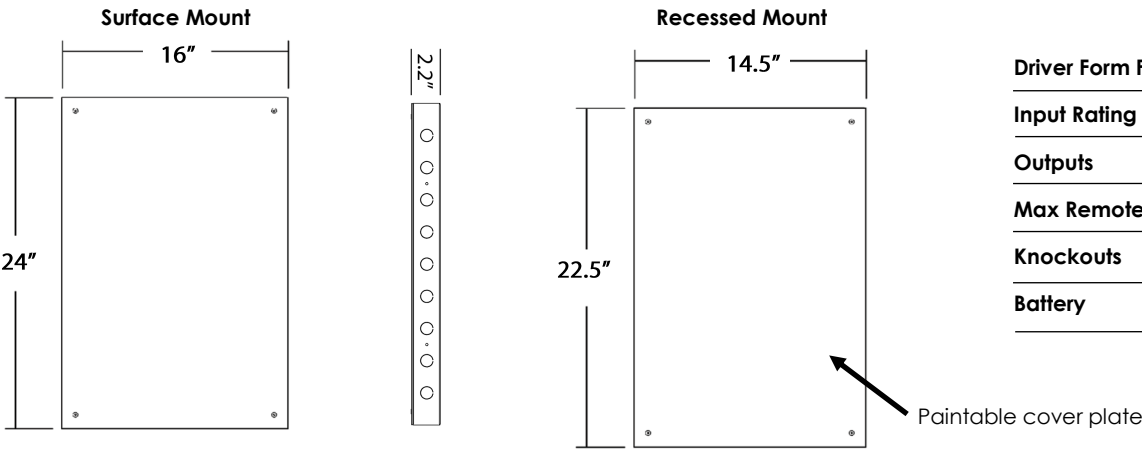
HYPERDRIVE REMOTE POWER SYSTEM

Sx (Small Hyper Drive Remote Canopy)



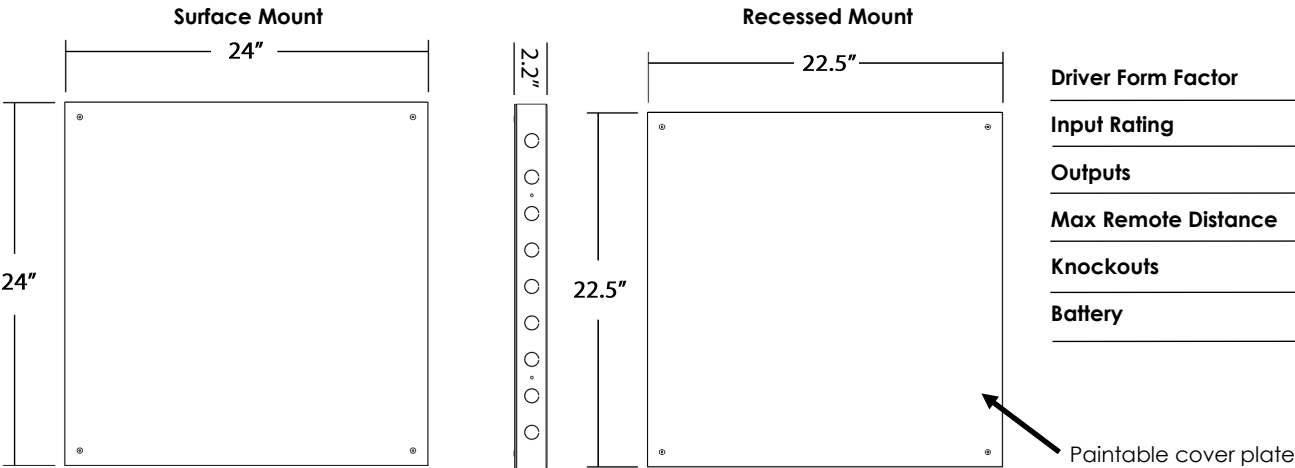
Driver Form Factor	Compact
Input Rating	120-277V
Outputs	Up to 2 (190W max)
Max Remote Distance	Up to 100' (30.5m)
Knockouts	(9) 1/2"
Battery	Not Available

Mx (Medium Hyper Drive Remote Canopy)



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

Lx (Large Hyper Drive Remote Canopy)






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

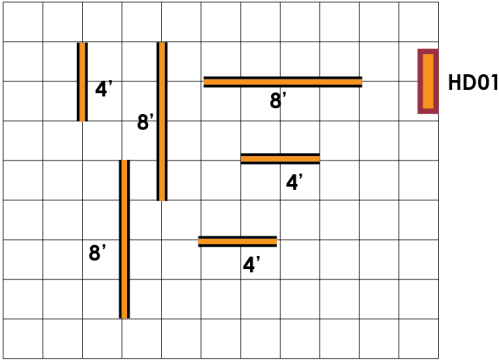
How to use this guide

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	MFLAT-8-750-SD-35K-80-PW-CSW-HD01	
3	MFLAT-4-750-SD-35K-80-PW-CSW-HD01	
1	HYPD-L6-NB-R-PW-DTZ-HD01	

#1 Example Configuration

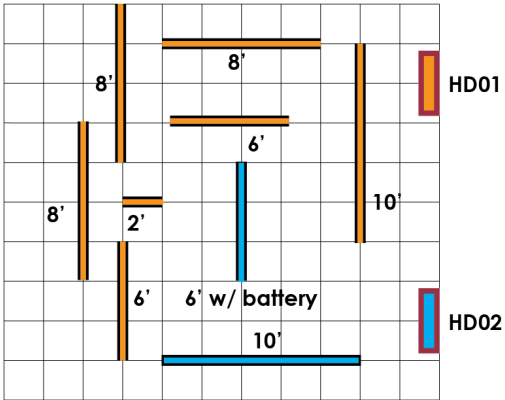


Note: Low Voltage Power transfer wire between fixture and HyperDrive remote power system provided by others.

#2 Example Bill of Materials

Qty.	Type	
3	MFLAT-8-750-SD-35K-80-PW-CSW-HD01	
2	MFLAT-6-750-SD-35K-80-PW-CSW-HD01	
1	MFLAT-2-750-SD-35K-80-PW-CSW-HD01	
1	MFLAT-10-750-SD-35K-80-PW-CSW-HD01	
1	MFLAT-6-750-SD-35K-80-PW-CSW-E1-HD02	
1	MFLAT-10-750-SD-35K-80-PW-CSW-HD02	
1	HYPD-L8-NB-R-PW-DTZ-HD01	
1	HYPD-M3-1EMB6-R-PW-DTZ-HD02	

#2 Example Configuration



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

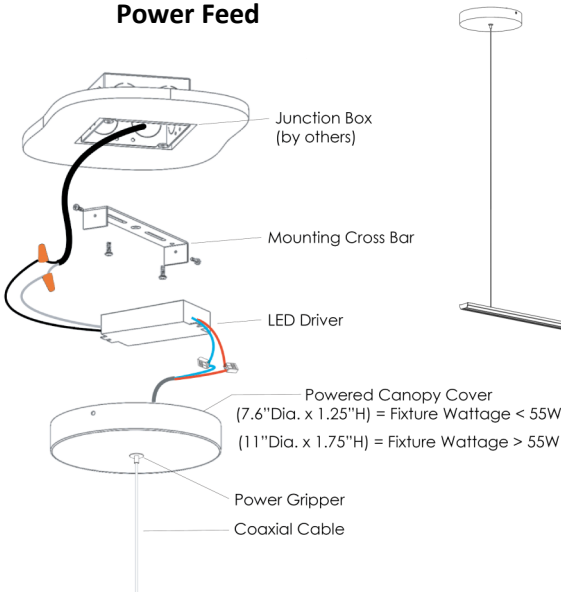
MICRO FLAT

MOUNTING OPTIONS

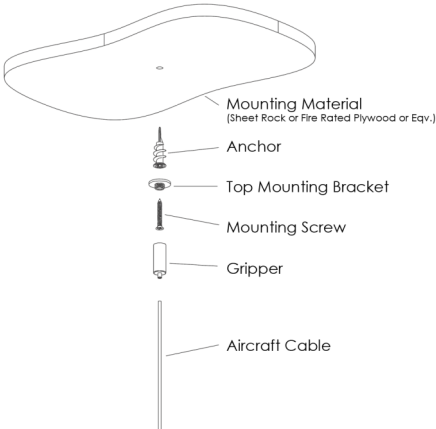
2' - 6' Fixtures require 1 Non-Feed Mount. Fixtures larger than 6' require 2 Non-Feed Mount.

PCx - Powered Canopy (Driver Included)

Power Feed

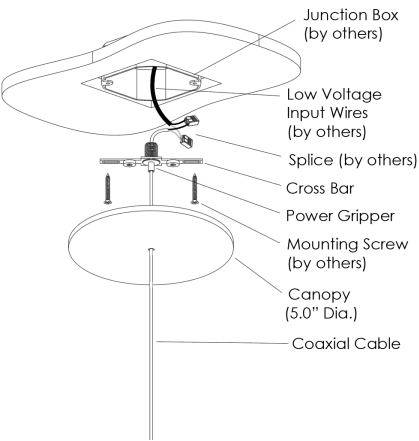


Non-Feed

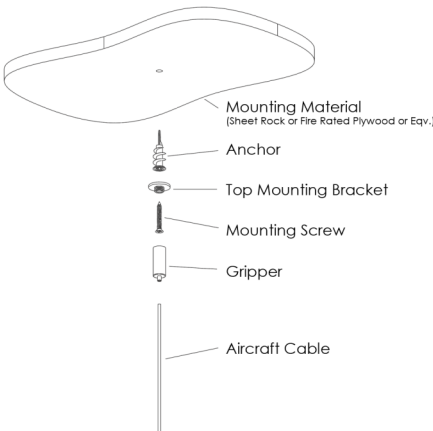


CRx - Canopy Recessed

Power Feed



Non-Feed

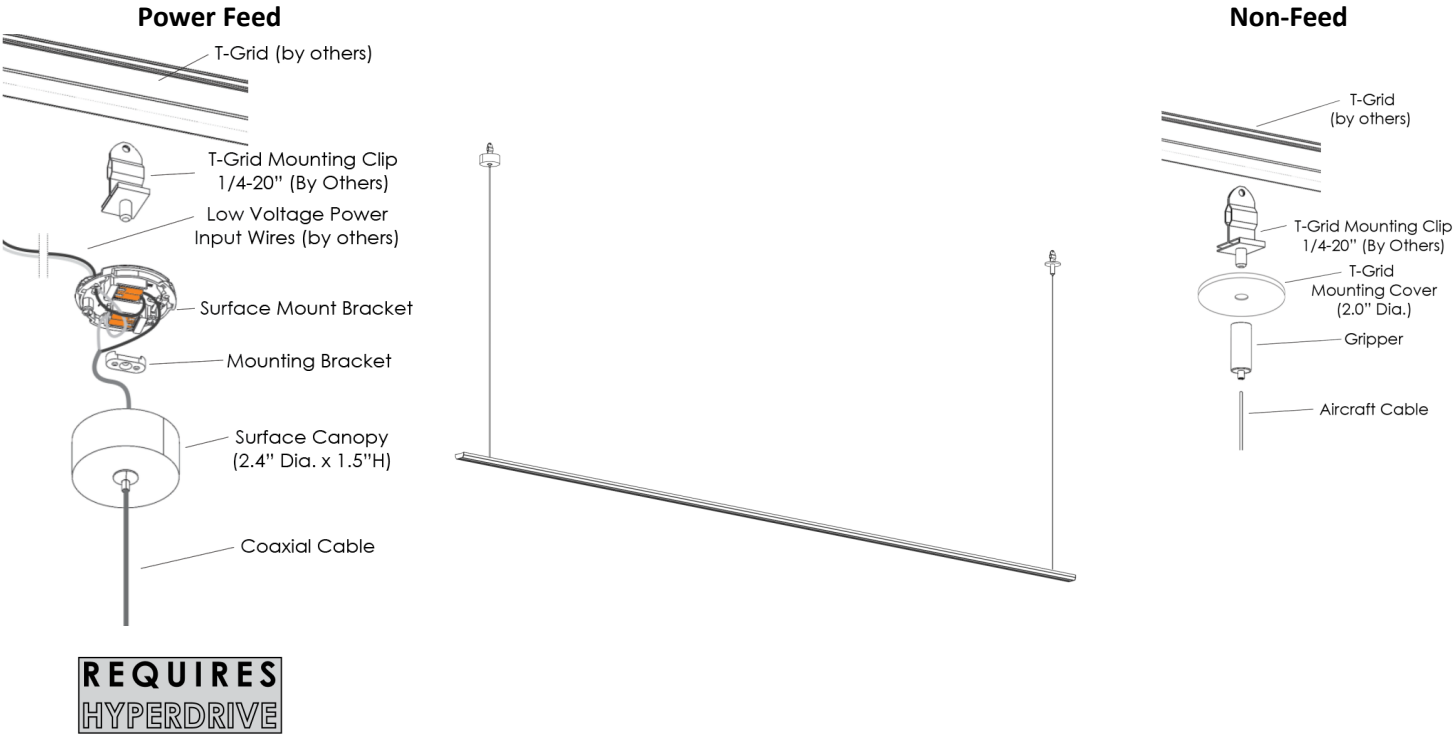


**REQUIRES
HYPERDRIVE**

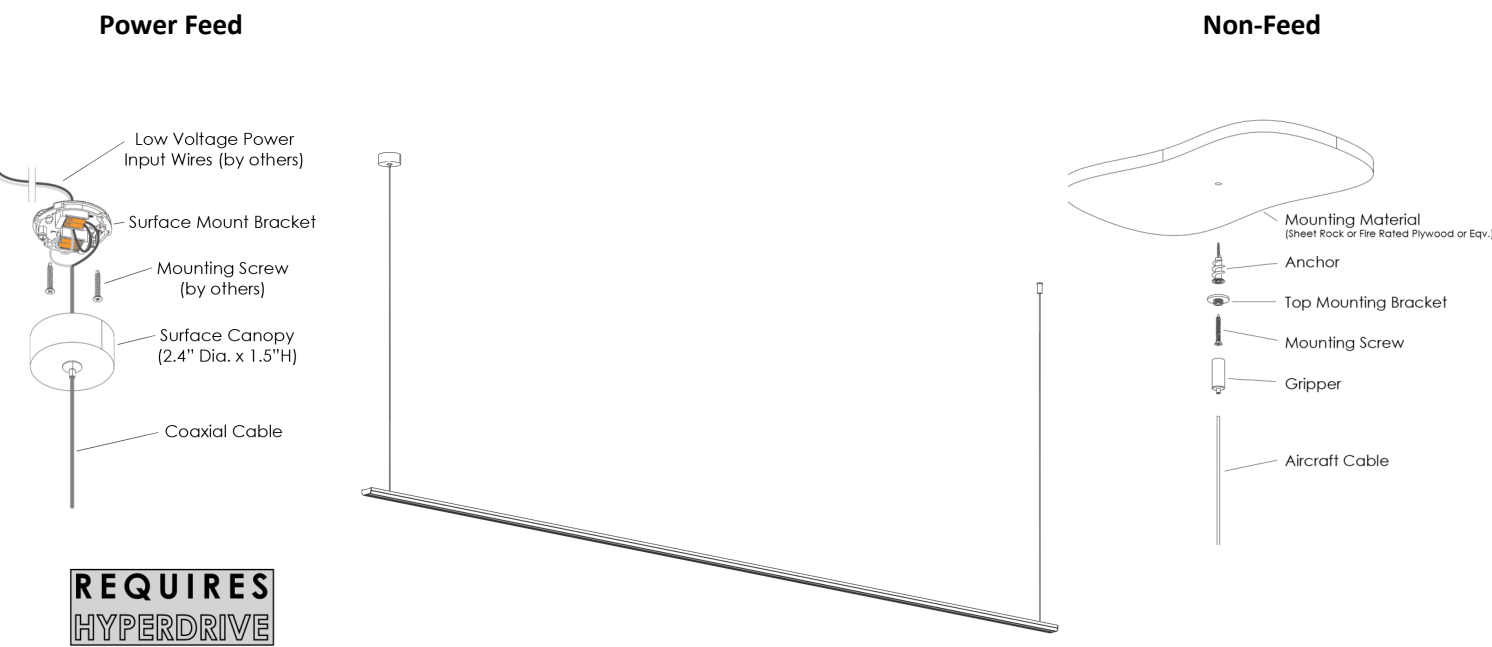
MICRO FLAT

MOUNTING OPTIONS

CTx - Canopy T-Grid



CSx - Canopy Surface

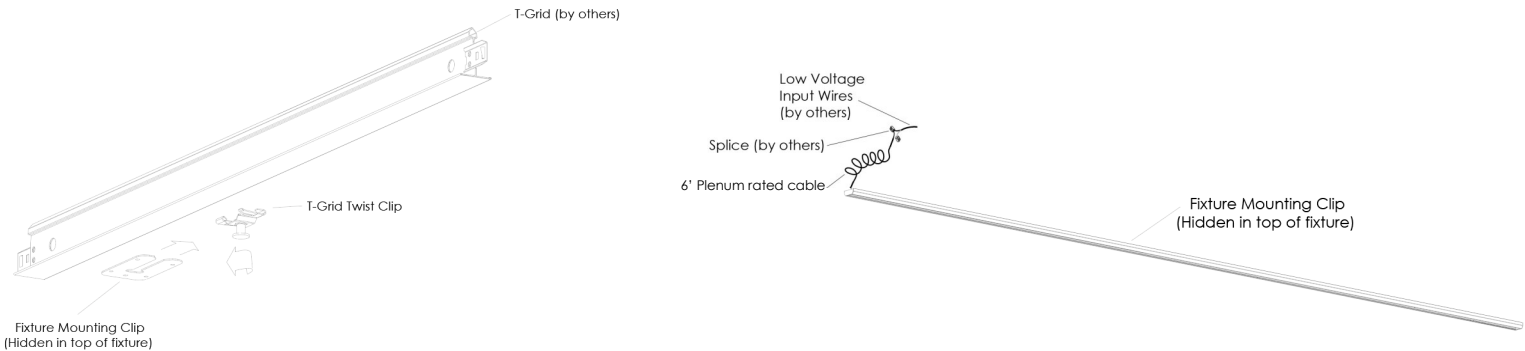


MICRO FLAT

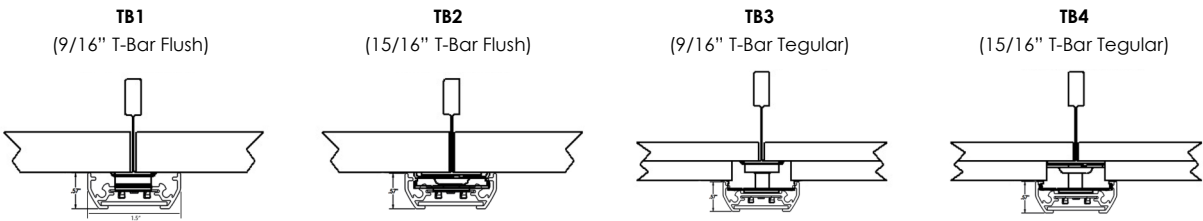
MOUNTING OPTIONS

TBx - T-Grid

Twist Clip Mount



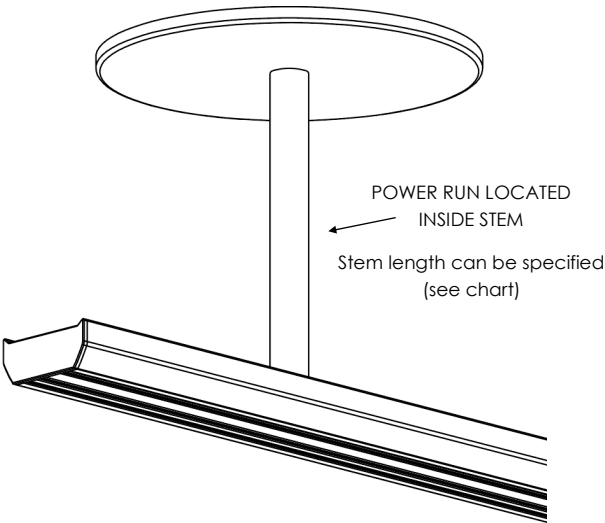
**REQUIRES
HYPERDRIVE**



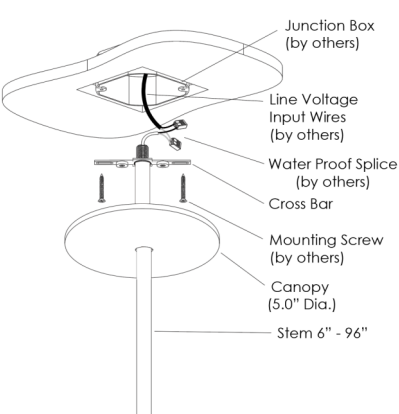
STEMxx (Stem Mount With Canopy)

Please specify stem length when ordering. See "Stem Lengths" table for available options.

Stem Lengths					
Specified stem length is 3/4" shorter when measured from ceiling to fixture (CtoF).*					
STEMXxx	CtoF	STEMXxx	CtoF	STEMXxx	CtoF
6"	5.25"	24"	23.25"	60"	59.25"
8"	7.25"	27"	26.25"	66"	65.25"
9"	8.25"	30"	29.25"	72"	71.25"
12"	11.25"	36"	35.25"	78"	77.25"
15"	14.25"	42"	41.25"	84"	83.25"
18"	17.25"	48"	47.25"	90"	89.25"
21"	20.25"	54"	53.25"	96"	95.25"

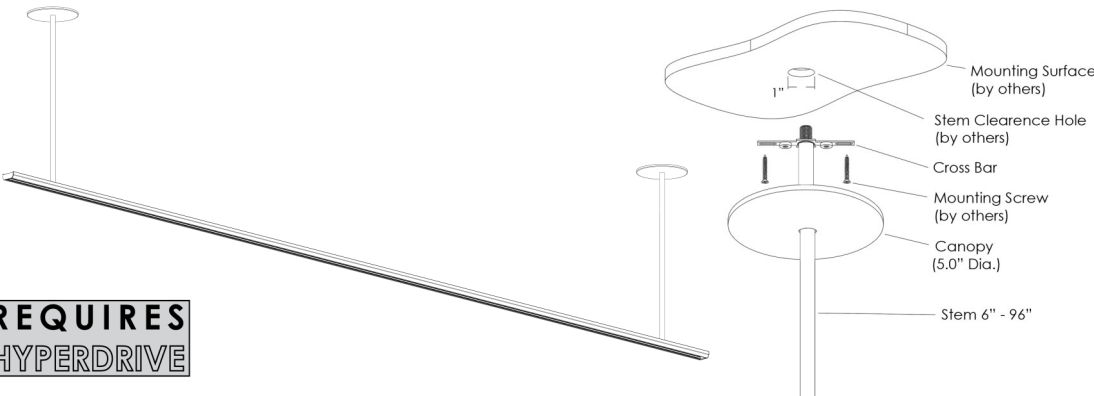


Power Feed



**REQUIRES
HYPERDRIVE**

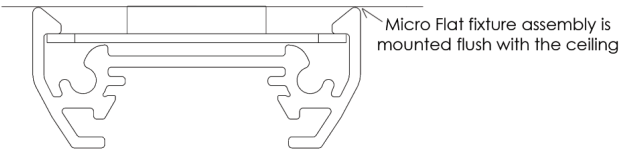
Non - Power Feed



MICRO FLAT

MOUNTING OPTIONS

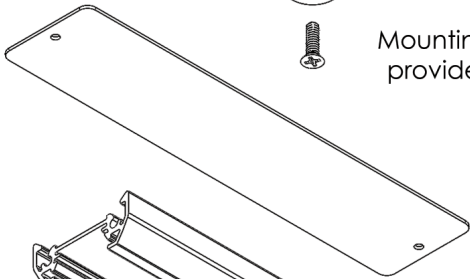
SMM= Surface Mount Magnet



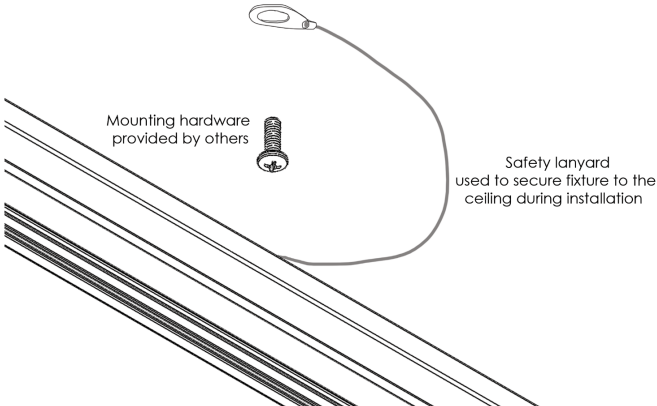
Mounting Magnet



Mounting hardware provided by others



Mounting plate - slides in the back of the micro flat assembly. Can be mounted anywhere along the fixture assembly



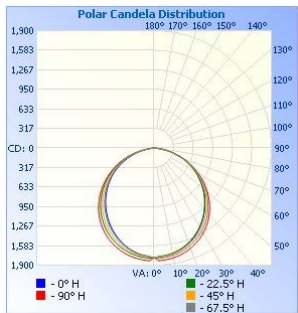
Micro Flat fixture assembly

**REQUIRES
HYPERDRIVE**

MICRO FLAT

PERFORMANCE

MFLAT-X-1000-XX (80+ CRI)



Model	Lumens	Watts	LPW
MFLAT-4-1000-SD-30K	4000	36	110
MFLAT-4-1000-SD-35K	4000	34	118
MFLAT-4-1000-SD-40K	4000	33	120
MFLAT-4-1000-SD-50K	4000	32	122

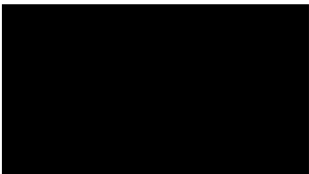
Model	Lumens	Watts	LPW
MFLAT-8-1000-SD-30K	8000	70	114
MFLAT-8-1000-SD-35K	8000	65	122
MFLAT-8-1000-SD-40K	8000	64	124
MFLAT-8-1000-SD-50K	8000	63	126

FINISHES

STANDARD FINISHES



SATIN WHITE

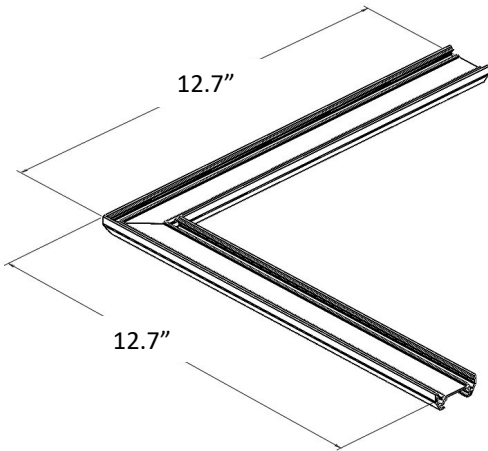


SATIN BLACK

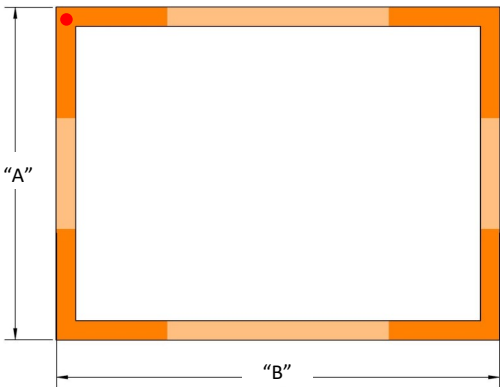
MICRO FLAT

JOINT SHAPE CONFIGURATION WITH MITER CUTS

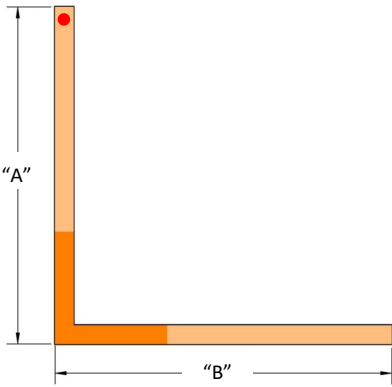
We provide joint configurations in the stock size of 12.7" X 12.7" as shown below.



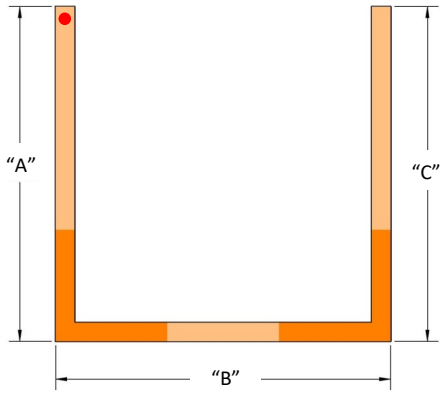
_x_RECT
Rectangle
Supply AxB dimensions



_x_L
L-Shape
Supply AxB dimensions



_x_x_U
U-Shape
Supply AxBxC dimensions



● = Power Location

MICRO FLAT

SPECIFICATIONS

Housing

Nominal 1.5" x .57" 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

2', 4', 6' 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

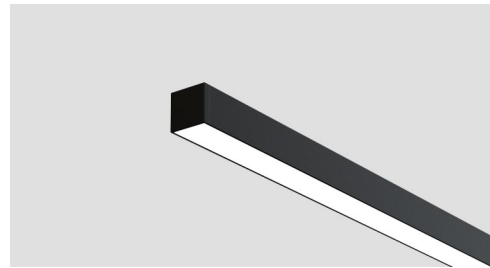
UL listed, class P (0-10V) dimming driver with programmable current for configurable fixture lumen outputs.
2.5 KV overcurrent protection
Power factor >.9

Packaging

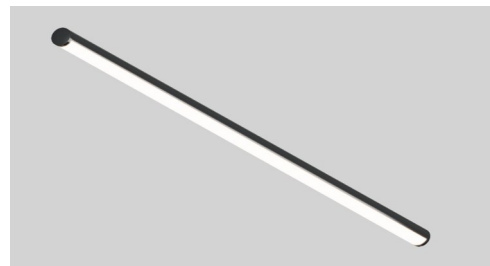
Sustainably manufactured outside cardboard box and biodegradable, protective poly-foam luminaire inserts.

COMPANION PRODUCTS

Micro Beam



Micro Optimo



WARRANTY

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

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) .