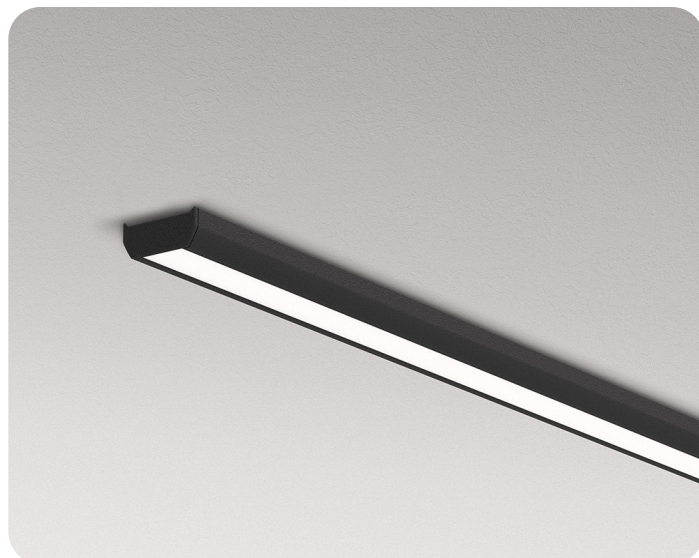


Micro Flat Shape Surface

Key Features

- Extruded aluminum single piece housing
- Continuous lensing standard – runs up to 100'
- 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



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: 1.5" x 0.57"

Finish

- Powder coated
- Colors: White or Black
- End Caps: Color-matched to housing

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

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

MFLAT-4X6RECT-750-SD-35K-80-PW-SMM-1C-HD01

Series	Length ¹	Direct Output ²	Direct Distribution	CCT	CRI
MFLAT					
	_X_RECT - Rectangle	250 - 250 LPF	SD - SatinIce Diffuse	27K - 2700K	80 - 80 CRI
	_X_L - L-Shape	500 - 500 LPF	Drop Lens w/ Lit Ends³	30K - 3000K	90 - 90 CRI (R9 50 min)
	_X_X_U - U-Shape	750 - 750 LPF	DLE025 - 0.25" Satin Diffuse	35K - 3500K	
		1000 - 1000 LPF		40K - 4000K	
		XXX - Custom LPF		50K - 5000K	

Finish ⁴	Mounting ⁵	Circuiting	Remote Option ⁶	Hyper Drive Circuit ^{7,8}
		1C		

Standard Powder Coat

PW - White

PB - Black

Premium

RALXXXX - Powder Coat
Gloss Finish

SMM - Surface Mount Magnet **1C** - Single Circuit

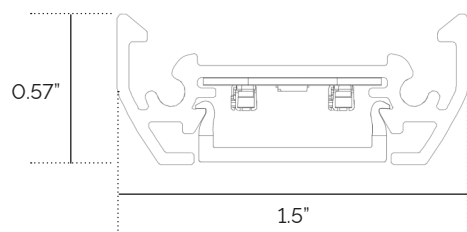
EX - EM Battery Designated
Fixture

HDXX - Hyper Drive Circuit

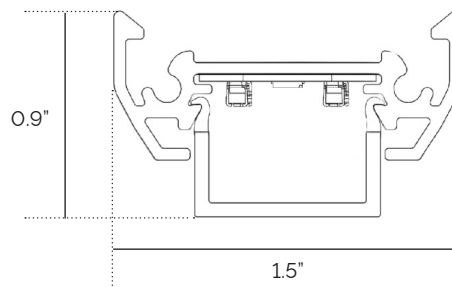
Ordering Notes

1. Replace underscore (_) with fixture leg length. See page 7.
2. 200 LPF min. output / 1000 LPF max. output.
3. Seamless continuous lens unavailable for Drop Lens options.
4. See page 5 for standard options.
5. **Must be ordered with Hyper Drive Remote Driver.**
6. Not required with the Powered Canopy mounting.
7. See pages 3-4 for more information.

Dimensions



SD
Satin Diffuse



DL025
Satin Diffuse with 0.25 Drop Lens

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

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.

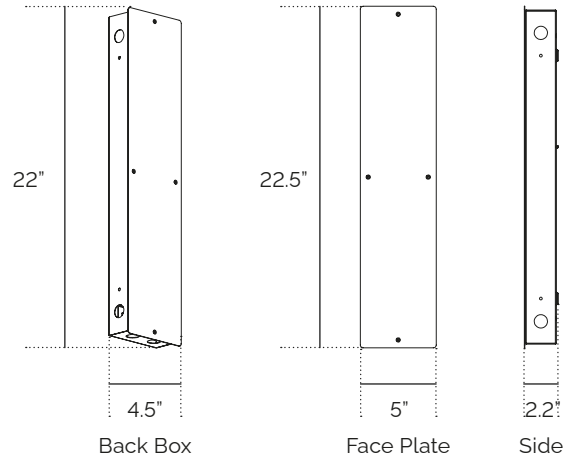


Hyper Drive Remote Power System

SX (Small Hyper Drive Remote Canopy)

190W / 2 Drivers Max.

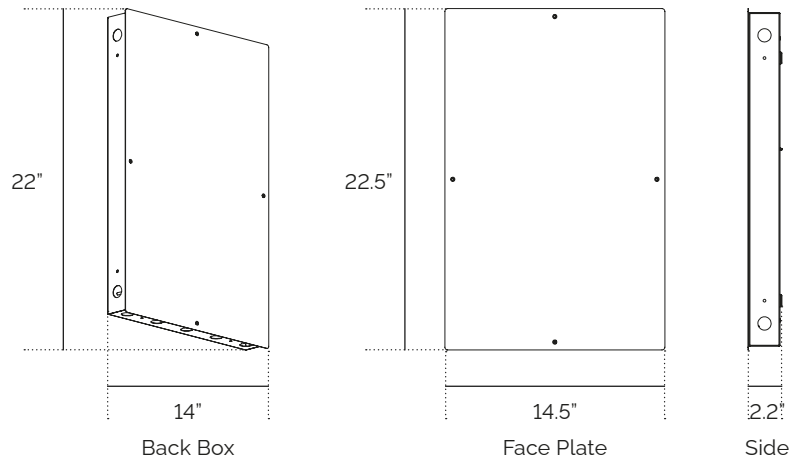
Driver Form Factor	Linear
Input Rating	120-277V
Outputs	Up to 2 (190W max)
Max. Remote Distance	Up to 150' (45m)
Knockouts	0.5" (x6)
Battery	Available



MX (Medium Hyper Drive Remote Canopy)

300W / 4 Drivers Max.

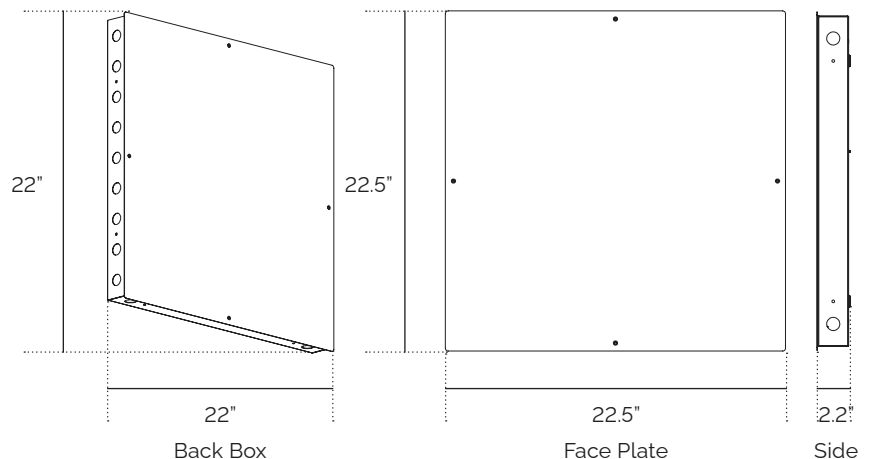
Driver Form Factor	Linear
Input Rating	120-277V
Outputs	Up to 4 (300W max)
Max. Remote Distance	Up to 150' (45m)
Knockouts	0.5" (x12)
Battery	Available



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'	4000	34	118
8'	8000	65	123

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

Finishes

Standard

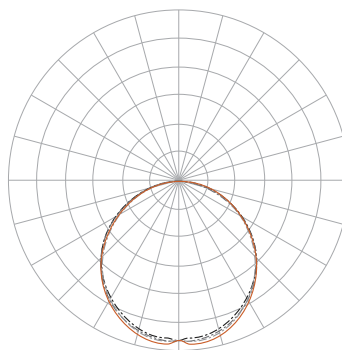


PW: White



PB: Black

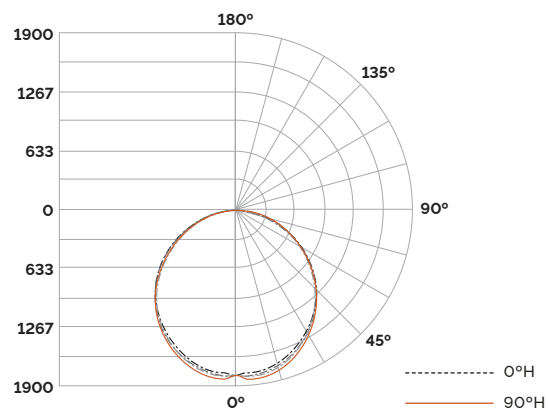
Distribution



Direct: SatinIce Diffuse (SD)

Performance

MFLAT-4-1000-SD-35K (80+ CRI)



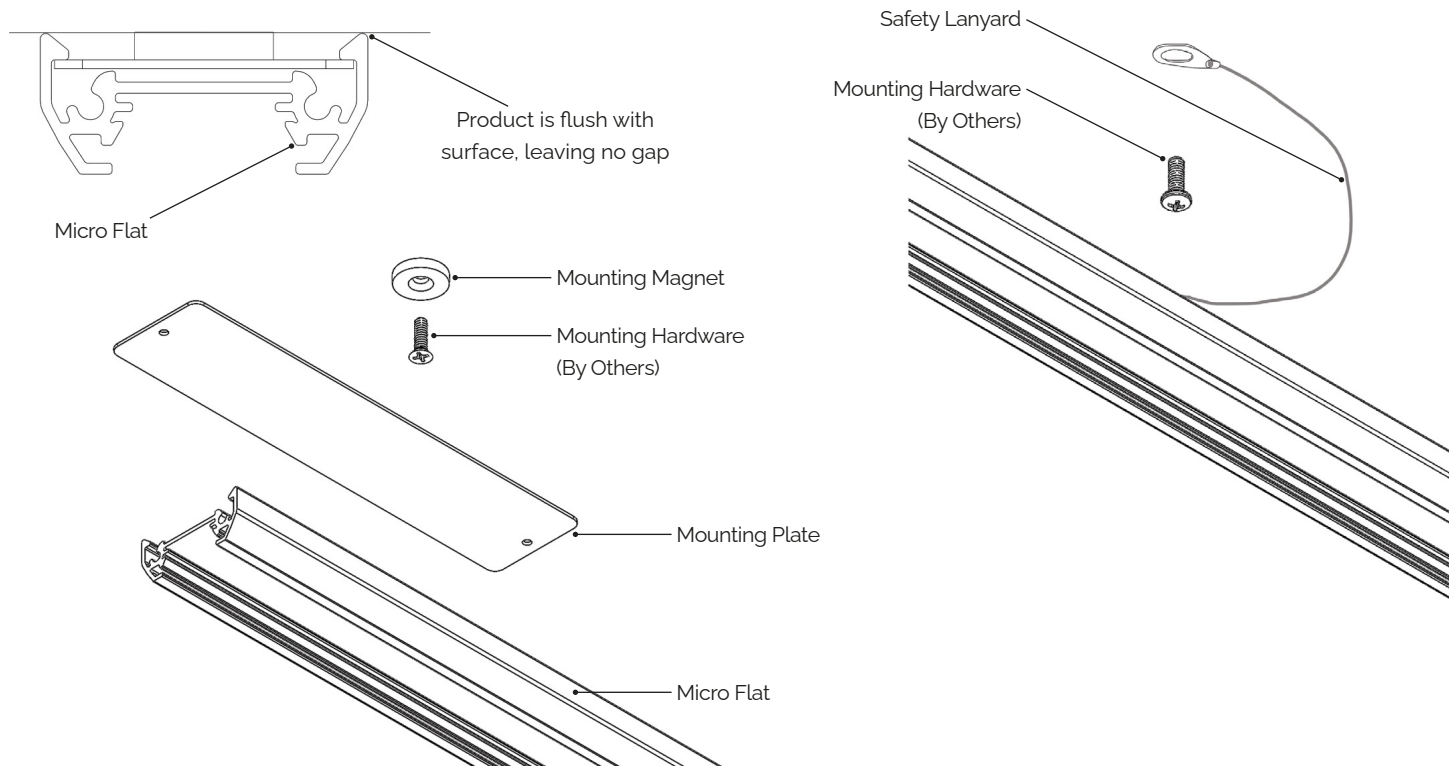
CCT	Length	Lumens	Wattage	LPW
3000K	4'	4000	36	110
	8'	8000	70	114
3500K	4'	4000	34	118
	8'	8000	65	122
4000K	4'	4000	33	120
	8'	8000	64	124
5000K	4'	4000	32	122
	8'	8000	63	126



Mounting

2' - 6' Fixtures require one (1) Non-Feed Mount. Fixtures larger than 6' require two (2) Non-Feed Mount.

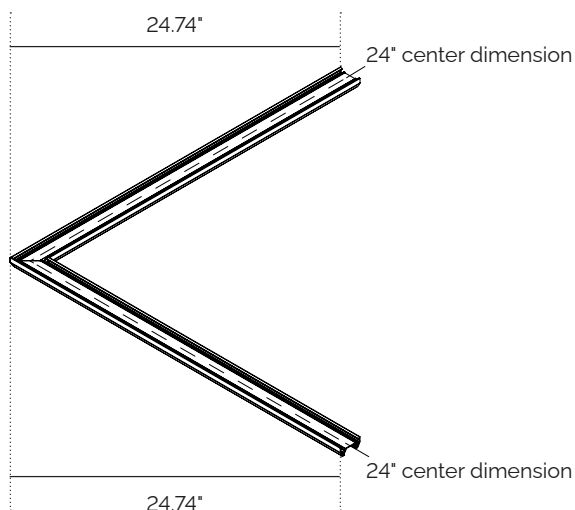
SMM (Surface Mount Magnet) Requires Hyper Drive



Shape Configuration

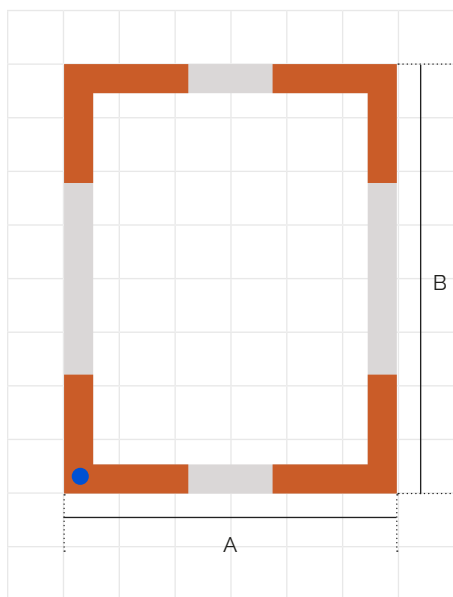
Joint Shape Configuration with Miter Cuts

Example: Standard stock 24.74" x 24.74" joint configurations are provided as shown below.



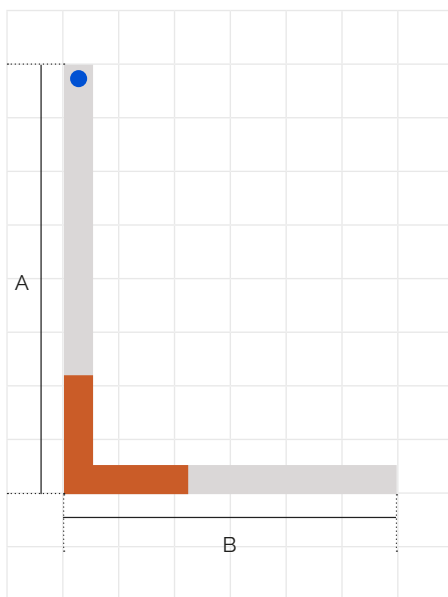
Rectangle (_X_RECT)

Provide AxB dimensions



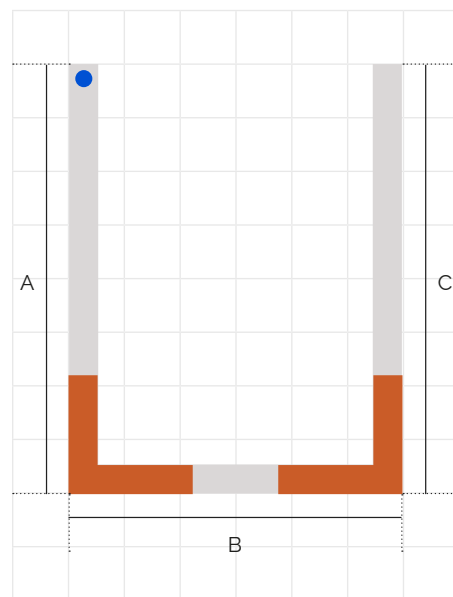
L-Shape (_X_L)

Provide AxB dimensions



U-Shape (_X_X_U)

Provide AxBxC dimensions



● Power Location



Submit With Order

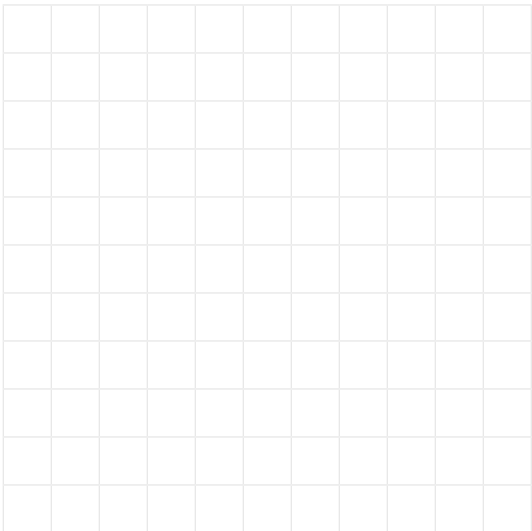
Bill of Materials Guide

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	MFLAT-8-750-SD-35K-80-PW-SMM-1C-HD01	
2	MFLAT-6-750-SD-35K-80-PW-SMM-1C-HD01	
1	MFLAT-2-750-SD-35K-80-PW-SMM-1C-HD01	
1	MFLAT-10-750-SD-35K-80-PW-SMM-1C-HD01	
1	MFLAT-10-750-SD-35K-80-PW-SMM-1C-E1-HD02	
1	MFLAT-10-750-SD-35K-80-PW-SMM-1C-HD02	
1	HYPD-L5-NB-PW-DTZ-HD01	
1	HYPD-M2-1EMB6-PW-DTZ-HD02	

Example Configuration

