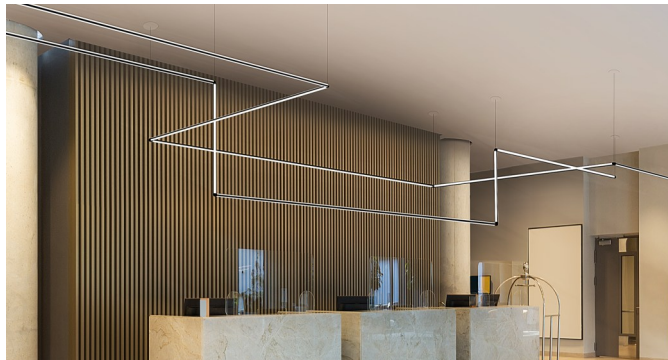


MICRO OPTIMO FLEX



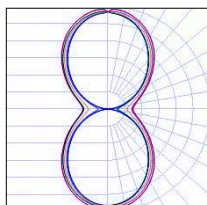
Type:	
Project:	
REP/Agent:	
Order #:	



FEATURES

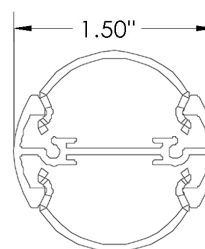
- ★ Soft diffused direct illumination in a sleek modern minimalist style.
- ★ Thermally efficient extruded aluminum single piece housing
- ★ 4' and 8' individual units, or custom lengths
- ★ Toolless height adjustment at the ceiling
- ★ Textured powder coat finishes available in white, black, and silver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

DISTRIBUTION



SD= SatinIce Diffuse

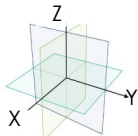
DIMENSIONS



MICRO OPTIMO FLEX

LINEAR MICRO OPTIMO ORDER GUIDE

Type:	
Project:	
REP/Agent:	
Order #:	

MOPTFLEX				
SERIES	LENGTH	PLANE	TOTAL LUMENS PER FOOT	DISTRIBUTION
MOPTFLEX	xS = Length Start xM = Length Middle xE = Length End <i>xx= specify run length, lengths over 8' will require multiple canopies and power inputs. One per 8' length</i>	x = X Plane y = Y Plane z = Z Plane <i>*Refer to plane image to specify</i>	 350-350 = 350 Direct, 350 Indirect 500-500 = 500 Direct, 500 Indirect 750-750 = 750 Direct, 750 Indirect XXX-XXX = Custom LPF* <i>*Consult factory for alt. lumen packages</i>	SD = SatinIce Diffuse

CCT	CRI	FINISH	MOUNTING
27K = 2700K 30K = 3000K 35K = 3500K 40K = 4000K 50K = 5000K	80 = 80 90 = 90 (R9 50min)	<u>STANDARD</u> PW = Powder Coat White PB = Powder Coat Black PS = Powder Coat Silver <u>PREMIUM</u> PSFx = Premium Stock Finish RALxxxx = Powder Coat RALxxxx CUSTOM PO = Powder Coat Other* See pg. 6 for standard and premium options.	<u>POWERED CANOPY</u> (Driver included, 120-277V) ² PCW = Powered Canopy White PCB = Powered Canopy Black <div style="border: 1px solid black; padding: 5px;"> <u>CANOPY RECESSED</u> CRW= Canopy Recessed White CRB= Canopy Recessed Black <u>CANOPY T-GRID</u> CTW= Canopy T-Grid White CTB= Canopy T-Grid Black <u>CANOPY SURFACE</u> CSW= Canopy Surface White CSB= Canopy Surface Black *Items in grey box require Hyperdrive Remote Driver* </div>

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: MOPTFLEX-8S-X-750-SD-35K-80-PW-CRW-HD01

MICRO OPTIMO FLEX HUB ORDER GUIDE

MOPTFLEX	2X	
SERIES	HUB CONFIGURATION	FINISH
MOPTFLEX	2X = "2 way" hub <i>Hub can bend 0-180 degrees.</i>	<u>STANDARD</u> PW = Powder Coat White PB = Powder Coat Black PS = Powder Coat Silver <u>CUSTOM</u> PO = Powder Coat Other* See pg. 6 for standard and premium options. <u>PREMIUM</u> PSFx = Premium Stock Finish RALxxxx = Powder Coat RALxxxx
EXAMPLE:	MOPTFLEX-2X-PW	

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

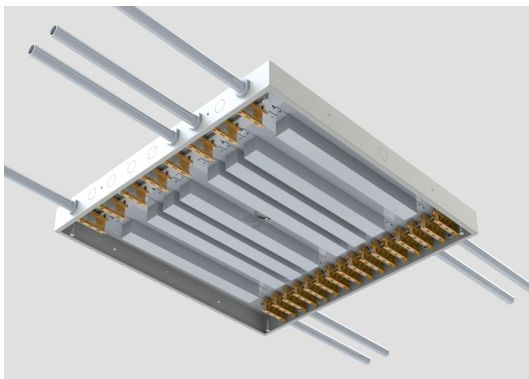
NOTES & LIMITATIONS

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

Consult factory for custom configurations and drivers not listed.

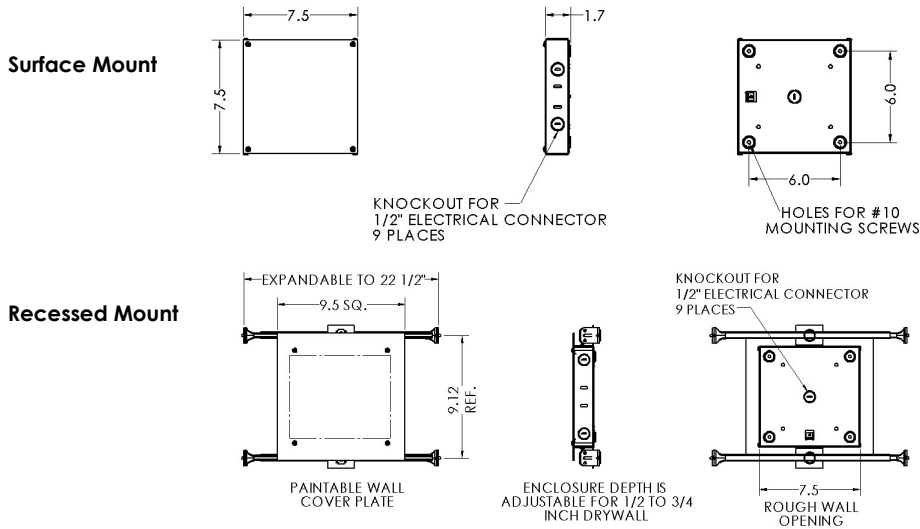
L8 configuration shown (shown with front cover removed)

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



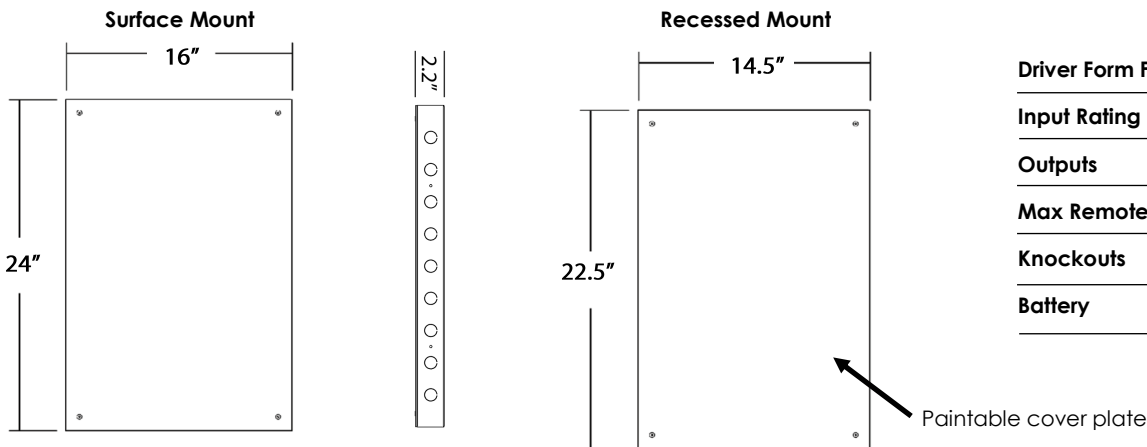
HYPER DRIVE REMOTE POWER SYSTEM

Sx (Small Hyper Drive Remote Canopy)



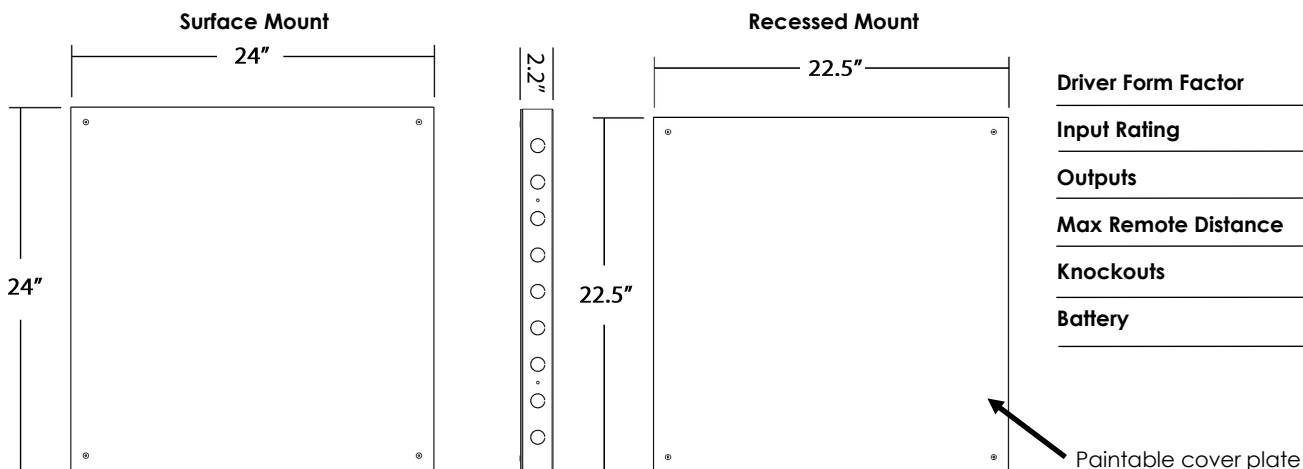
Driver Form Factor	Compact
Input Rating	120-277V
Outputs	Up to 2 (190W max)
Max Remote Distance	Up to 100' (30.5m)
Knockouts	(9) 1/2"
Battery	Not Available

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

MICRO OPTIMO FLEX

Type:	
Project:	
REP/Agent:	
Order #:	

HOW TO ORDER

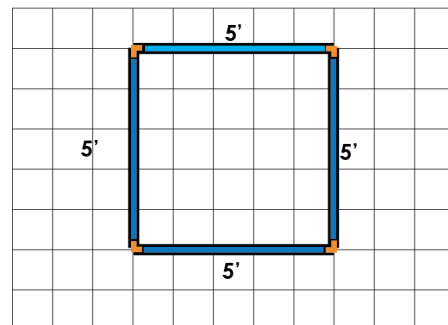
Please submit a bill of materials outlining your entire configuration and submit along with your PO. The Micro Optimo Flex system works using linear fixtures joined with universal "Flex" hub that can articulate to any direction. Length and position in sequence is required for ordering. Note, if it is a closed shape no end fixture is required. Please see examples below.

#1 Example Bill of Materials

Qty. Type

1	MOPTFLEX-5S-X-350-350-SD-35K-80-PW-PCW-HD01	
3	MOPTFLEX-5M-X-350-350-SD-35K-80-PW-PCW-HD01	
4	MOPTFLEX-2X-PW	

#1 Example Configuration

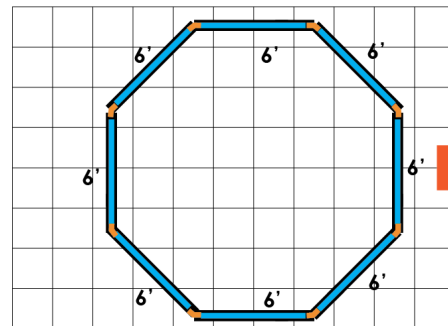


#2 Example Bill of Materials

Qty. Type

1	MOPTFLEX-6S-X-500-500-SD-35K-80-PW-CRW-HD01	
7	MOPTFLEX-6M-X-500-500-SD-35K-80-PW-CRW-HD01	
8	MOPTFLEX-2X-PW	
1	HYPD-L8-NB-R-PW-DTZ-HD01	

#2 Example Configuration

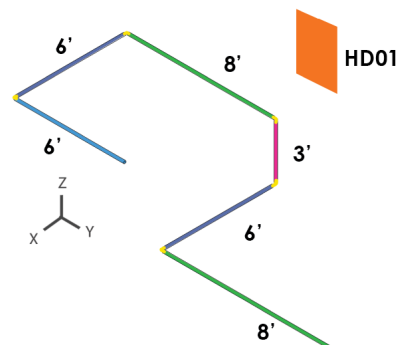


#3 Example Bill of Materials

Qty. Type

1	MOPTFLEX-6S-Y-350-350-SD-35K-80-PW-CSW-HD01	
2	MOPTFLEX-6M-X-350-350-SD-35K-80-PW-CSW-HD01	
1	MOPTFLEX-3M-Z-350-350-SD-35K-80-PW-CSW-HD01	
2	MOPTFLEX-8M-Y-350-350-SD-35K-80-PW-CSW-E1-HD01	
5	MOPTFLEX-2X-PW	
1	HYPD-L6-2EMB10-S-PW-U-DTZ-HD01	

#3 Example Configuration



Job Name: _____

PO#: _____ Quote#: _____



Submit the worksheet along with your order.

Bill of Materials

Qty.	Type
------	------

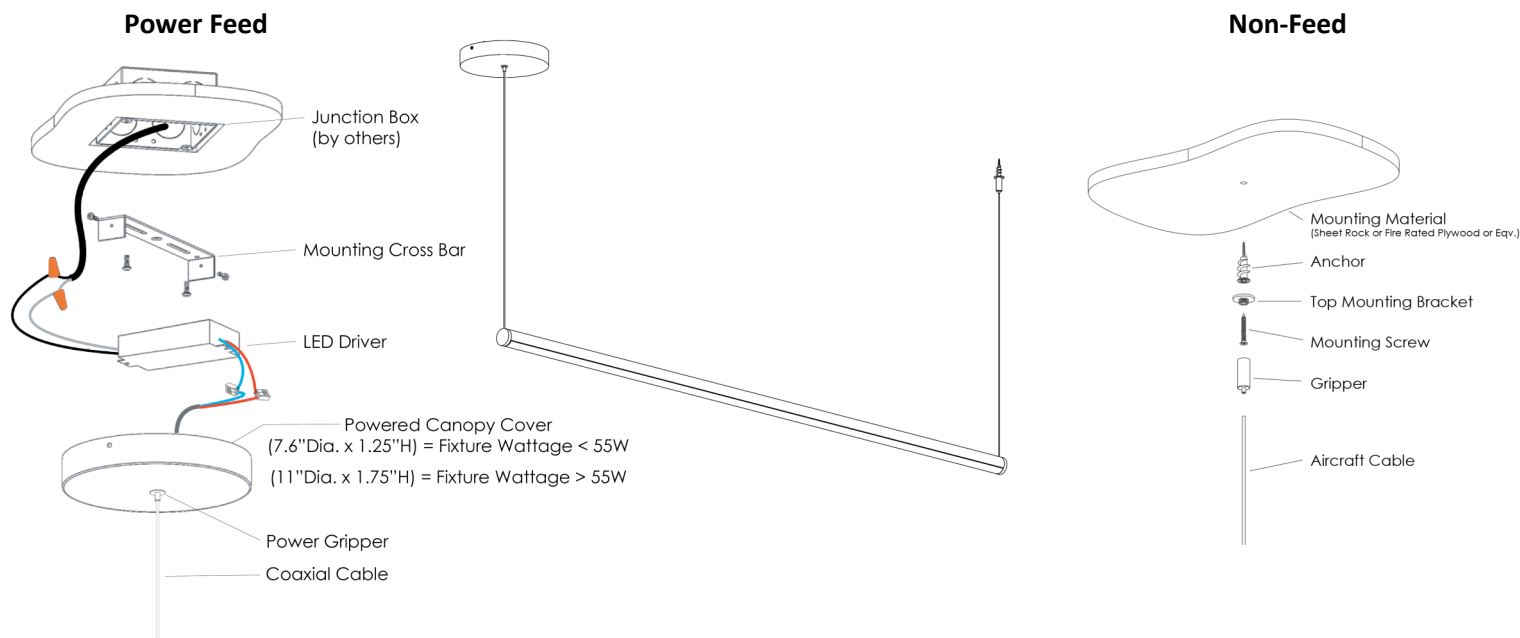
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MICRO OPTIMO FLEX

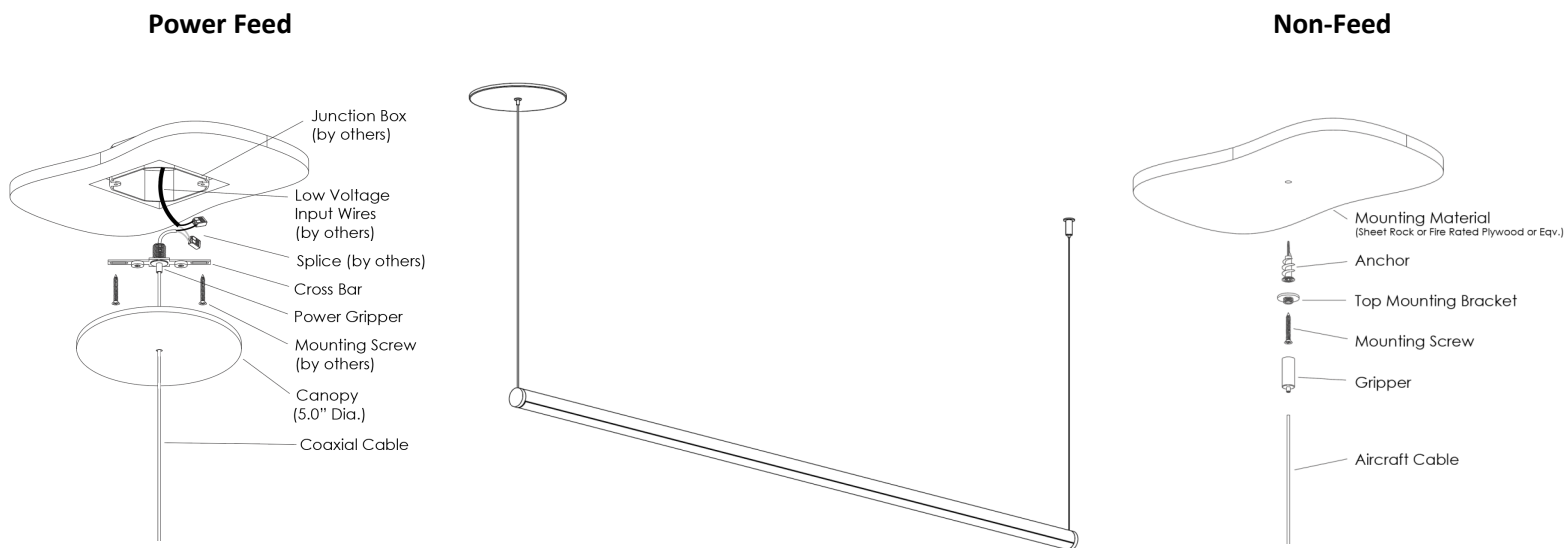
MOUNTING OPTIONS

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

PCx - Powered Canopy (Driver Included)



CRx - Canopy Recessed



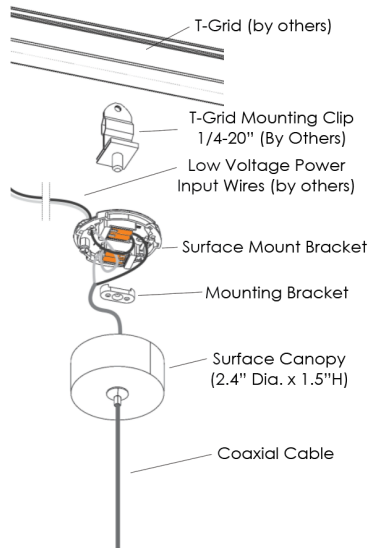
**REQUIRES
HYPERDRIVE**

MICRO OPTIMO FLEX

MOUNTING OPTIONS

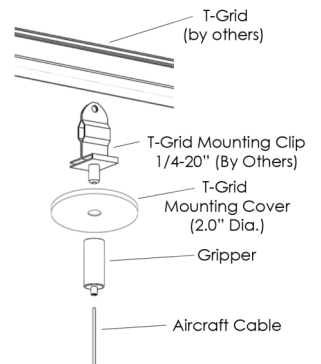
CTx - Canopy T-Grid

Power Feed



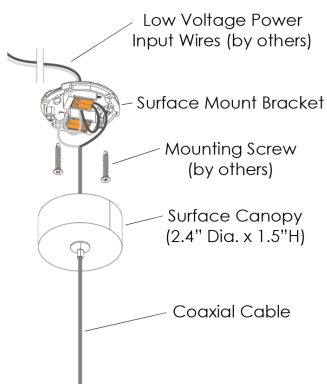
**REQUIRES
HYPERDRIVE**

Non-Feed



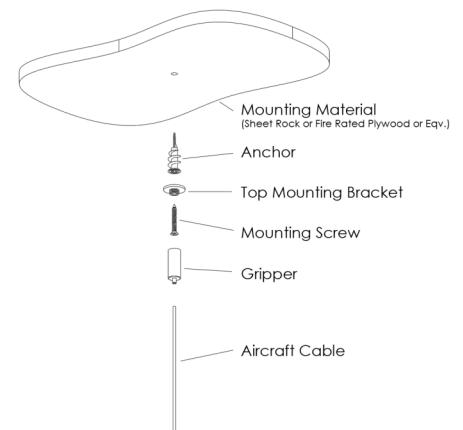
CSx - Canopy Surface

Power Feed



**REQUIRES
HYPERDRIVE**

Non-Feed



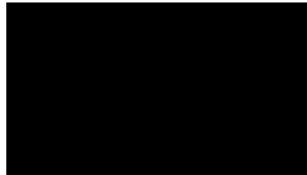
MICRO OPTIMO FLEX

FINISHES

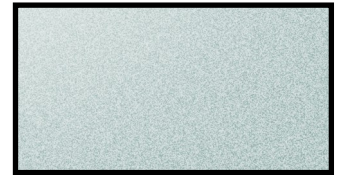
STANDARD FINISHES



WHITE MINI TEXTURE



BLACK MINI TEXTURE

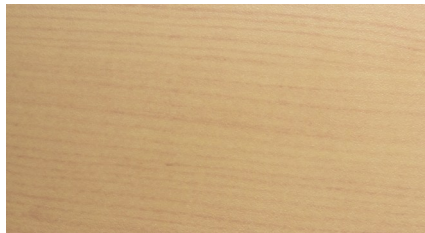


SILVER SPARKLE TEXTURE

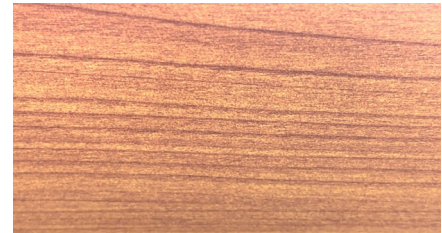
PREMIUM STOCK FINISHES



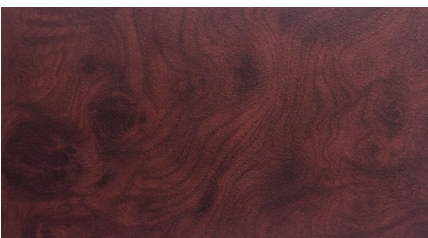
PSF001 (WOOD#1)



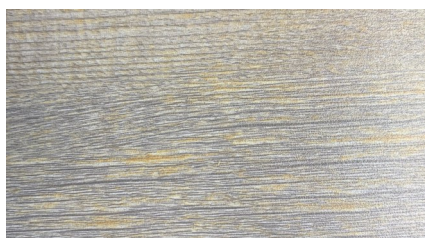
PSF002 (WOOD#2)



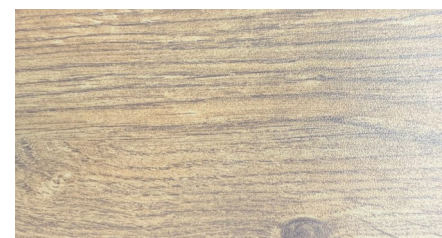
PSF003 (WOOD#3)



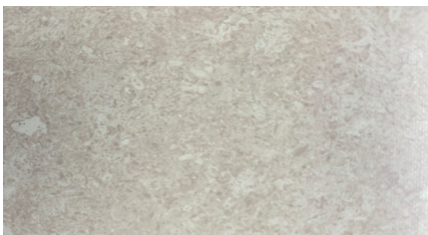
PSF004 (WOOD#4)



PSF005 (WOOD#5)



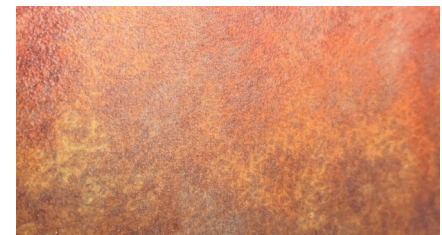
PSF006 (WOOD#6)



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 OPTIMO FLEX

SPECIFICATIONS

Housing

Nominal 1 1/2" round 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' 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 2.5 MacAdam ellipses.

Certification

Intertek cETLus Listed. 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

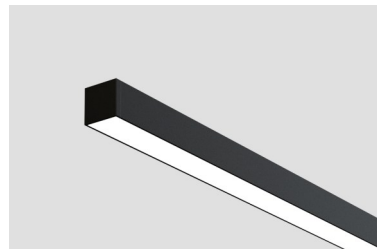
UL listed, class P (0-10V) dimming driver with programmable current for configurable fixture lumen outputs.
2.5 Kv overcurrent protection
Power factor >.9

Packaging

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

COMPANION PRODUCTS

Micro Beam



WARRANTY

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

http://www.starteklightingamerica.com/images/pdf/warranty/Optimo_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) .