

Type:	
Project:	
REP/Agent:	
Order #:	

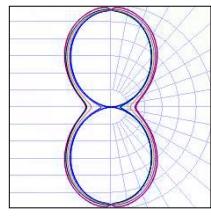
MICRO OPTIMO FLEX



FEATURES

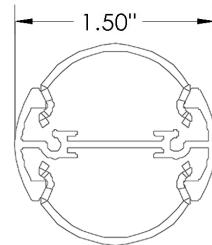
- ★ Soft diffused direct illumination in a sleek modern minimalist style.
- ★ Thermally efficient extruded aluminum single piece housing
- ★ 4' and 8' individual units, or custom lengths
- ★ Toolless height adjustment at the ceiling
- ★ Textured powder coat finishes available in white, black, and silver
- ★ 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

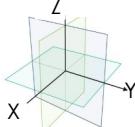
DIMENSIONS



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	x = X Plane y = Y Plane z = Z Plane	 <small>*Refer to plane image to specify</small>	350-350 = 350 Direct, 350 Indirect 500-500 = 500 Direct, 500 Indirect 750-750 = 750 Direct, 750 Indirect XXX-XXX = Custom LPF*
	<small>xx= specify run length, lengths over 8' will require multiple canopies and power inputs. One per 8' length</small>			<small>*Consult factory for alt. lumen packages</small>

CCT	CRI	FINISH	MOUNTING
27K = 2700K	80 = 80	STANDARD	POWERED CANOPY (Driver included, 120-277V) ³
30K = 3000K	90 = 90 (R9 50min)	PW = Powder Coat White	PCW = Powered Canopy White
35K = 3500K		PB = Powder Coat Black	PCB = Powered Canopy Black
40K = 4000K		PS = Powder Coat Silver	
50K = 5000K			
		PREMIUM	CANOPY RECESSED
		PSFX = Premium Stock Finish	CRW = Canopy Recessed White
			CRB = Canopy Recessed Black
		RALxxxx = Powder Coat RALxxxx	CANOPY T-GRID
			CTW = Canopy T-Grid White
		CUSTOM	CTB = Canopy T-Grid Black
		PO = Powder Coat Other*	CANOPY SURFACE
			CSW = Canopy Surface White
		<small>See pg. 6 for standard and premium options.</small>	CSB = Canopy Surface Black
			<small>*Items in grey box require Hyperdrive Remote Driver*</small>

--	--

REMOTE OPTIONS

Ex= EM Battery designated fixture (Ordered with Hyperdrive)
 Replace X with battery Qty.
 Not available with Powered Canopy, Consult factory

HYPERRIVE CIRCUIT

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 <small>Hub can bend 0-180 degrees.</small>	STANDARD PW = Powder Coat White PB = Powder Coat Black PS = Powder Coat Silver	CUSTOM PO = Powder Coat Other* <small>See pg. 6 for standard and premium options.</small>
			PREMIUM PSFX = Premium Stock Finish RALxxxx = Powder Coat RALxxxx

EXAMPLE: MOPTFLEX-2X-PW

Type:	
Project:	
REP/Agent:	
Order #:	

HYPD HYPER DRIVE REMOTE POWER SYSTEM

HYPD	SIZE / DRIVER QTY	EMERGENCY BATTERY (OPTIONAL)	MOUNTING	FINISH
HYPD	Replace x with driver quantity Sx = Small- up to two drivers (190W) Mx = Medium- up to four drivers (300W) Lx = Large- up to eight drivers (600W)	Replace # with battery quantity NB = No Emergency Battery #EMB6 = 6W EM Battery (Bodine) #EMB10 = 10W EM Battery (Bodine) #FCEMB10 = 10W EM Battery (Factory Choice)	S = Surface/ Strut R = Recessed	STANDARD PW = Powder Coat White PB = Powder Coat Black

Note: Batteries are only available in Medium and Large enclosures. Each emergency battery reduces the driver quantity of the Hyper Drive.

VOLTAGE	OPTIONS	HYPERRIVE CIRCUIT
U= 120-277	SPECIALTY DRIVERS (Standard driver is 0-10V, dim to 1% output current) DT1 = eldoLED EcoDrive Dim to 1% (0-10V) DTZ = eldoLED SoloDrive Dim to 0.1% (0-10V) PSRD = Signify 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) Consult factory for additional driver options Note: Specialty driver options are not available with the small power-box option, with the exception of TW-A	HDxx = HyperDrive Circuit

SENSORS

Consult factory for options

OTHERS

CP= Chicago Plenum (CCEA)

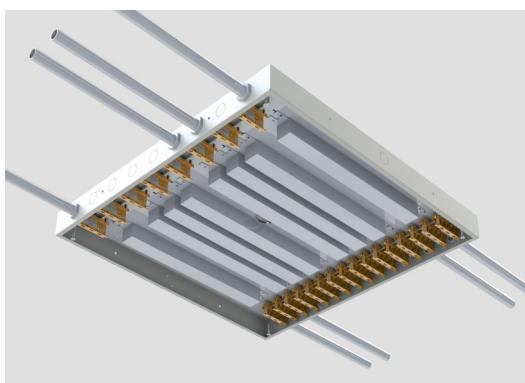
NOTES & LIMITATIONS

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)

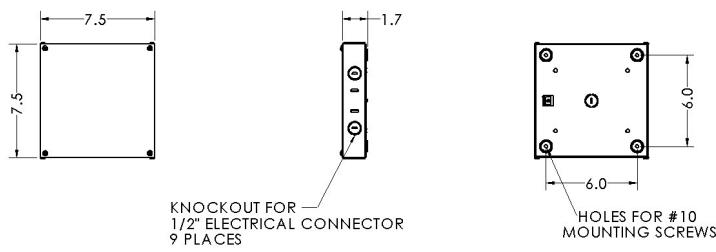
Each driver is provided with a terminal block on both input and output side for ease of wiring and installation.



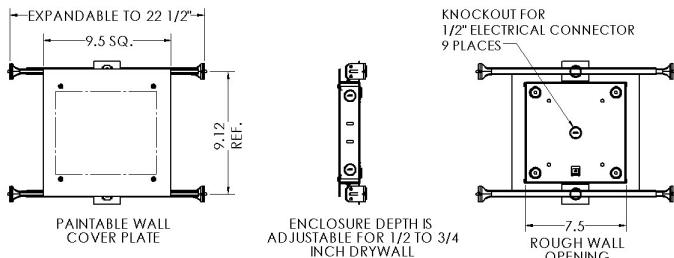
HYPER DRIVE REMOTE POWER SYSTEM

Sx (Small Hyper Drive Remote Canopy)

Surface Mount



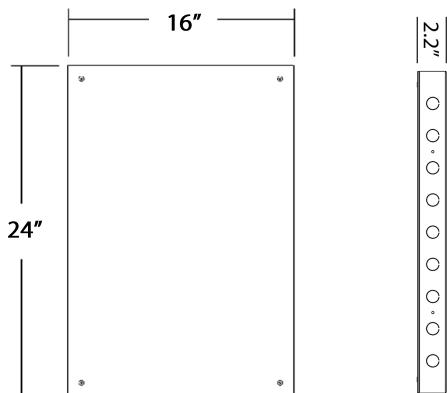
Recessed Mount



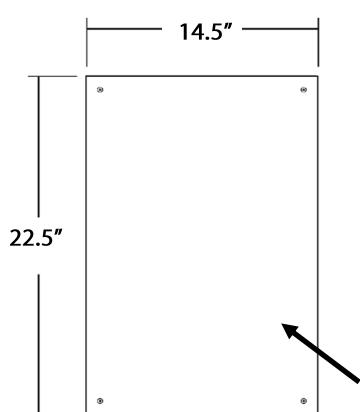
Driver Form Factor	Compact
Input Rating	120-277V
Outputs	Up to 2 (190W max)
Max Remote Distance	Up to 100' (30.5m)
Knockouts	(9) 1/2"
Battery	Not Available

Mx (Medium Hyper Drive Remote Canopy)

Surface Mount



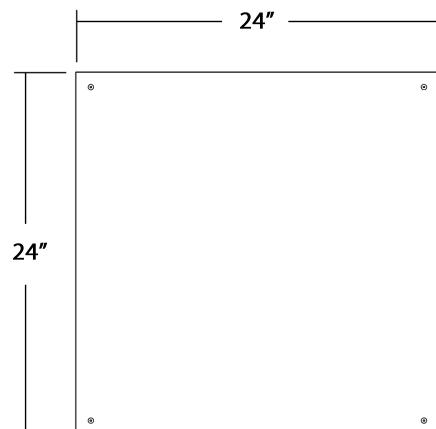
Recessed Mount



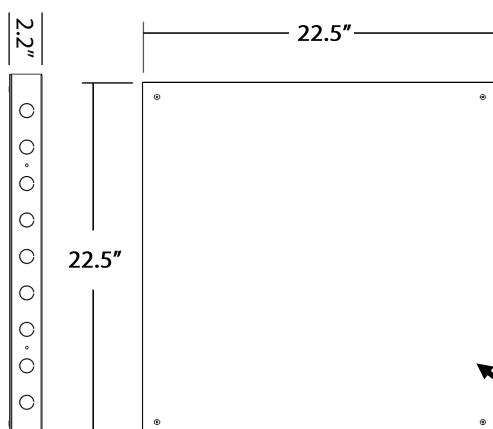
Driver Form Factor	Linear
Input Rating	120-277V
Outputs	Up to 4 (300W max)
Max Remote Distance	Up to 100' (30.5m)
Knockouts	(20) 1/2"
Battery	Available

Lx (Large Hyper Drive Remote Canopy)

Surface Mount



Recessed Mount



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

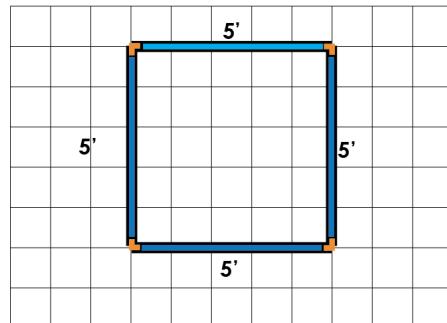
Please submit a bill of materials outlining your entire configuration and submit along with your PO. The Micro Optimo Flex system works using linear fixtures joined with universal "Flex" hub that can articulate to any direction. Length and position in sequence is required for ordering. Note, if it is 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

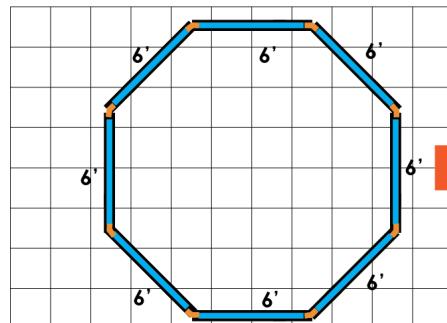


#2 Example Bill of Materials

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

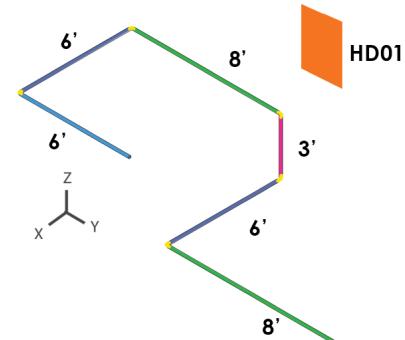


#3 Example Bill of Materials

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

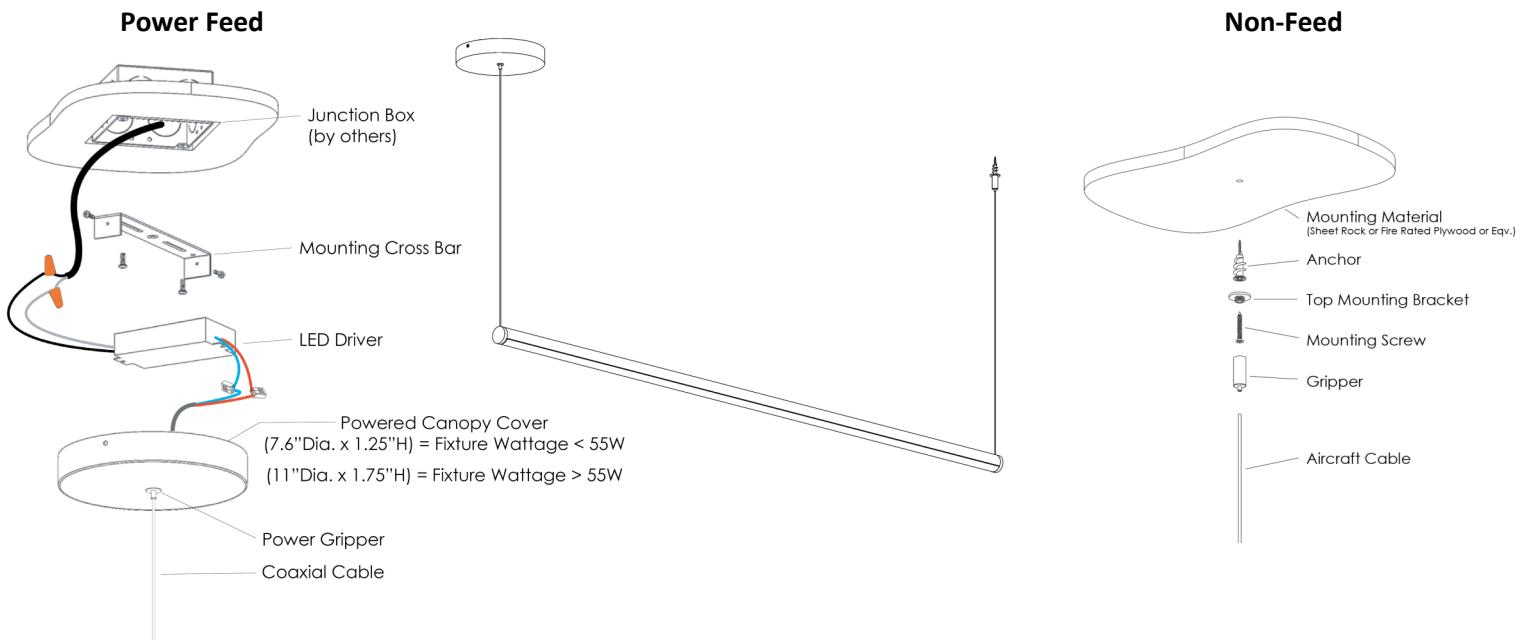


MICRO OPTIMO FLEX

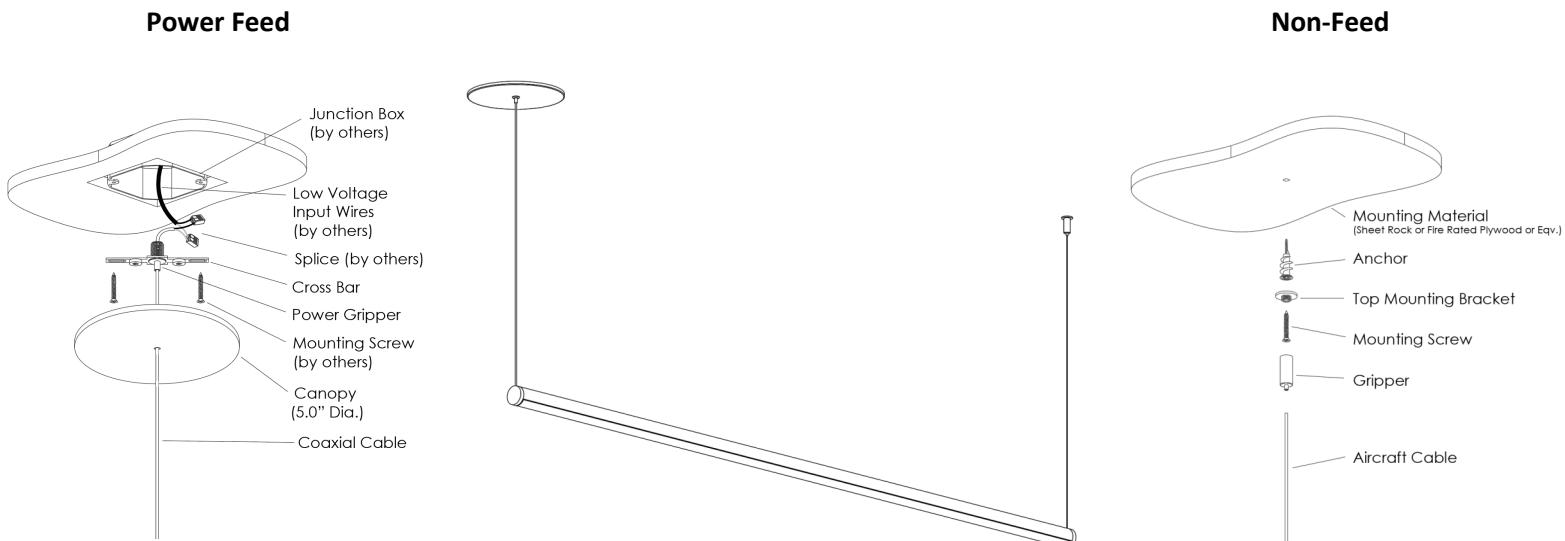
MOUNTING OPTIONS

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



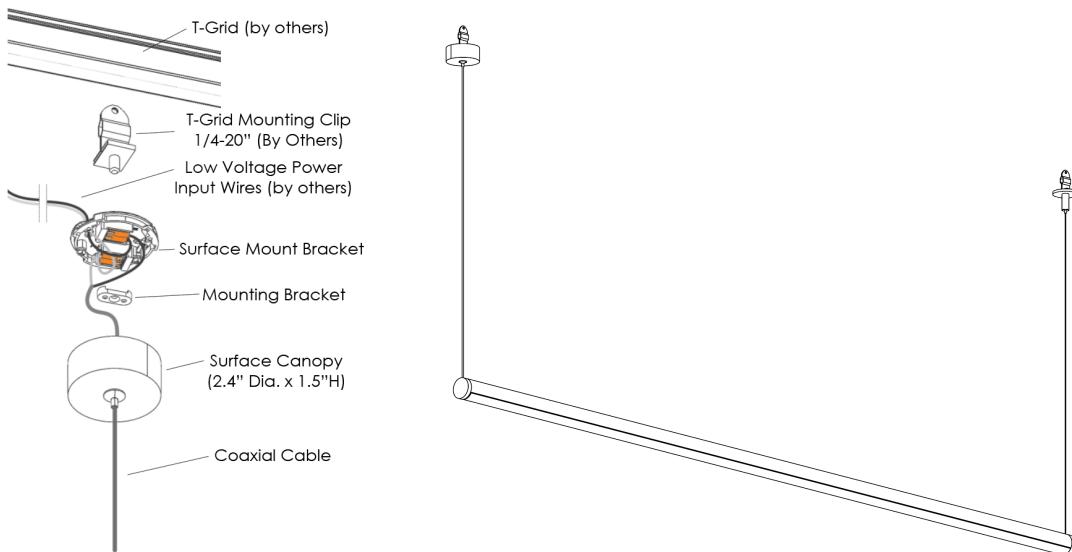
REQUIRES
HYPERRIVE

MICRO OPTIMO FLEX

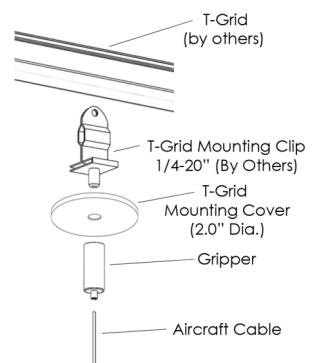
MOUNTING OPTIONS

CTx - Canopy T-Grid

Power Feed



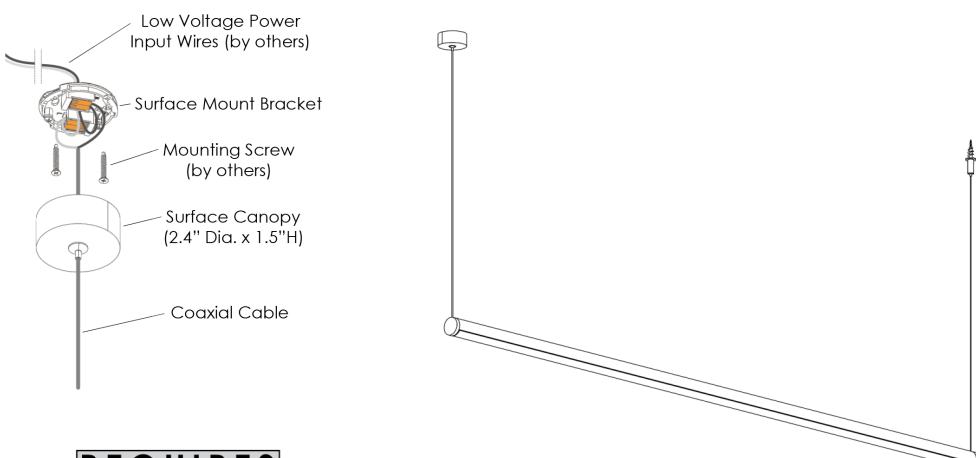
Non-Feed



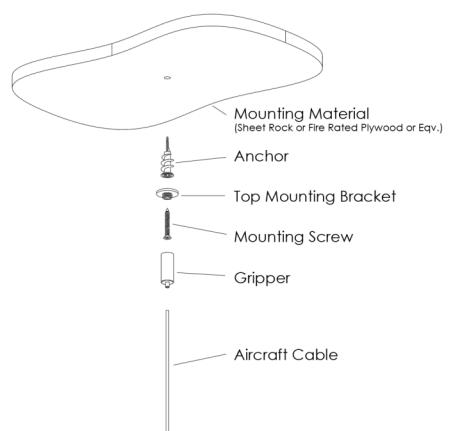
REQUIRES
HYPERDRIVE

CSx - Canopy Surface

Power Feed



Non-Feed



REQUIRES
HYPERDRIVE

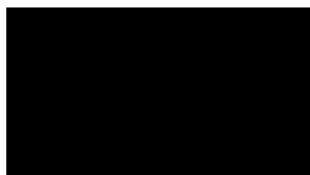
MICRO OPTIMO FLEX

FINISHES

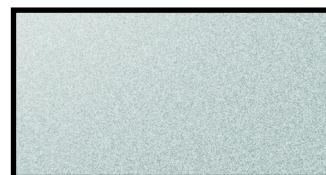
STANDARD FINISHES



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

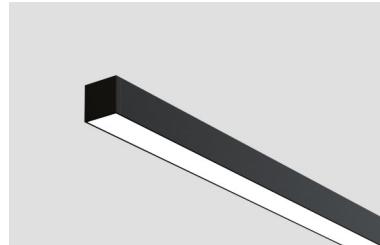
Power factor >.9

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).